LONGHORN ARMY AMMUNITION PLANT KARNACK, TEXAS

ADMINISTRATIVE RECORD

CHRONOLOGICAL INDEX

Volume 19 of 25

2007

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Longhorn Army Ammunition Plant

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LONGHORN ARMY AMMUNITION PLANT
KARNACK, TEXAS
ADMINISTRATIVE RECORD – CHRONOLOGICAL INDEX

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2007

A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment
Volume I: Step 3 Report – Exhibit 1 - Data Report
Author(s): Shaw
Recipient: All Stakeholders
Date: November 15, 2007
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Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW30					LHSMW30					LHSMW31				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW30					LHS-MW30 QC					LHS-MW31				
	Sample Date:	03-OCT-94					03-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.2	<	U	.2	.2						.22	<	U	.22	.22
1,3-Dinitrobenzene	mg/kg	.2	<	U	.2	.2						.22	<	U	.22	.22
2,4,6-Trinitrotoluene	mg/kg	.2	<	U	.2	.2						.22	<	U	.22	.22
2,4-Dinitrotoluene	mg/kg	.2	<	U	.2	.2						.22	<	U	.22	.22
2,6-Dinitrotoluene	mg/kg	.21	<	U	.21	.21						.23	<	U	.23	.23
4-Amino-2,6-dinitrotoluene	mg/kg	.41	<	U	.41	.41						.44	<	U	.44	.44
HMX	mg/kg	1.8	<	U	1.8	1.8						1.9	<	U	1.9	1.9
Nitrobenzene	mg/kg	.21	<	U	.21	.21						.23	<	U	.23	.23
RDX	mg/kg	.88	<	U	.88	.88						.95	<	U	.95	.95
Tetryl	mg/kg	.61	<	U	.61	.61						.66	<	U	.66	.66
m-Nitrotoluene	mg/kg	.81	<	U	.81	.81						.88	<	U	.88	.88
o-Nitrotoluene	mg/kg	.81	<	U	.81	.81						.88	<	U	.88	.88
p-Nitrotoluene	mg/kg	2.4	<	U	2.4	2.4						2.6	<	U	2.6	2.6
METALS																
Aluminum	mg/kg	7250			17.8	17.8	7460			18	18	9330			18.5	18.5
Antimony	mg/kg	8.9	<	UJ	8.9	8.9	9	<	UJ	9	9	9.2	<	UJ	9.2	9.2
Arsenic	mg/kg	3.5		J	0.41	0.41	4.1		J	3.8	3.8	6		J	0.92	0.92
Barium	mg/kg	165			4.5	4.5	233			4.5	4.5	300			4.6	4.6
Cadmium	mg/kg	0.89	<	U	0.89	0.89	0.9	<	U	0.9	0.9	0.92	<	U	0.92	0.92
Calcium	mg/kg	603			8.9	8.9	554			9	9	608			9.2	9.2
Chromium	mg/kg	14.9			1.8	1.8	16.9			1.8	1.8	16.4			1.8	1.8
Cobalt	mg/kg	16.6			1.8	1.8	16.3			1.8	1.8	21			1.8	1.8
Copper	mg/kg	2.8			1.8	1.8	2.6			1.8	1.8	4.2			1.8	1.8
Cyanide, Total	mg/kg															
Iron	mg/kg	14100			2.7	2.7	14300			2.7	2.7	15200			2.8	2.8
Lead	mg/kg	18.9			4.5	4.5	17.4			4.5	4.5	19.6			4.6	4.6
Magnesium	mg/kg	442			17.8	17.8	442			18	18	548			18.5	18.5
Manganese	mg/kg	1740			0.89	0.89	2030			0.9	0.9	2620			0.92	0.92
Mercury	mg/kg	0.082	<	U	0.082	0.082	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW32					LHSMW33					LHSMW34				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW32					LHS-MW33					LHS-MW34				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.17	<	U	.17	.17	.2	<	U	.2	.2	.19	<	U	.19	.19
1,3-Dinitrobenzene	mg/kg	.17	<	U	.17	.17	.2	<	U	.2	.2	.19	<	U	.19	.19
2,4,6-Trinitrotoluene	mg/kg	.17	<	U	.17	.17	.2	<	U	.2	.2	.19	<	U	.19	.19
2,4-Dinitrotoluene	mg/kg	.17	<	U	.17	.17	.2	<	U	.2	.2	.19	<	U	.19	.19
2,6-Dinitrotoluene	mg/kg	.18	<	U	.18	.18	.2	<	U	.2	.2	.2	<	U	.2	.2
4-Amino-2,6-dinitrotoluene	mg/kg	.34	<	U	.34	.34	.4	<	U	.4	.4	.39	<	U	.39	.39
HMX	mg/kg	1.5	<	U	1.5	1.5	1.7	<	U	1.7	1.7	1.7	<	U	1.7	1.7
Nitrobenzene	mg/kg	.18	<	U	.18	.18	.2	<	U	.2	.2	.2	<	U	.2	.2
RDX	mg/kg	.73	<	U	.73	.73	.85	<	U	.85	.85	.82	<	U	.82	.82
Tetryl	mg/kg	.51	<	U	.51	.51	.59	<	U	.59	.59	.57	<	U	.57	.57
m-Nitrotoluene	mg/kg	.68	<	U	.68	.68	.78	<	U	.78	.78	.76	<	U	.76	.76
o-Nitrotoluene	mg/kg	.68	<	U	.68	.68	.78	<	U	.78	.78	.76	<	U	.76	.76
p-Nitrotoluene	mg/kg	2	<	U	2	2	2.4	<	U	2.4	2.4	2.3	<	U	2.3	2.3
METALS																
Aluminum	mg/kg	5240			17.5	17.5	8610			18.1	18.1	5450			18.8	18.8
Antimony	mg/kg	8.8	<	UJ	8.8	8.8	9.1	<	UJ	9.1	9.1	9.4	<	UJ	9.4	9.4
Arsenic	mg/kg	1.7		J	0.18	0.18	2.4		J	0.18	0.18	1.6		J	0.19	0.19
Barium	mg/kg	109			4.4	4.4	56.3			4.5	4.5	79.2			4.7	4.7
Cadmium	mg/kg	0.88	<	U	0.88	0.88	0.91	<	U	0.91	0.91	0.94	<	U	0.94	0.94
Calcium	mg/kg	804			8.8	8.8	751			9.1	9.1	513			9.4	9.4
Chromium	mg/kg	8.7			1.8	1.8	11.5			1.8	1.8	10.1			1.9	1.9
Cobalt	mg/kg	6.5			1.8	1.8	7.2			1.8	1.8	7.7			1.9	1.9
Copper	mg/kg	3.1			1.8	1.8	12.6			1.8	1.8	2.3			1.9	1.9
Cyanide, Total	mg/kg															
Iron	mg/kg	6850			2.6	2.6	10600			2.7	2.7	6200			2.8	2.8
Lead	mg/kg	15.5			4.4	4.4	12.3			4.5	4.5	10.2			4.7	4.7
Magnesium	mg/kg	342			17.5	17.5	777			18.1	18.1	322			18.8	18.8
Manganese	mg/kg	721			0.88	0.88	287			0.91	0.91	628			0.94	0.94
Mercury	mg/kg	0.099	<	U	0.099	0.099	0.087	<	U	0.087	0.087	0.1	<	U	0.1	0.1

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW35					LHSMW36					LHSMW37				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW35					LHS-MW36					LHS-MW37				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.19	<	U	.19	.19	.18	<	U	.18	.18	.18	<	U	.18	.18
1,3-Dinitrobenzene	mg/kg	.19	<	U	.19	.19	.18	<	U	.18	.18	.17	<	U	.17	.17
2,4,6-Trinitrotoluene	mg/kg	.19	<	U	.19	.19	.18	<	U	.18	.18	.18	<	U	.18	.18
2,4-Dinitrotoluene	mg/kg	.19	<	U	.19	.19	.18	<	U	.18	.18	.18	<	U	.18	.18
2,6-Dinitrotoluene	mg/kg	.2	<	U	.2	.2	.19	<	U	.19	.19	.18	<	U	.18	.18
4-Amino-2,6-dinitrotoluene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
HMX	mg/kg	1.7	<	U	1.7	1.7	1.6	<	U	1.6	1.6	1.5	<	U	1.5	1.5
Nitrobenzene	mg/kg	.2	<	U	.2	.2	.18	<	U	.18	.18	.18	<	U	.18	.18
RDX	mg/kg	.82	<	U	.82	.82	.77	<	U	.77	.77	.76	<	U	.76	.76
Tetryl	mg/kg	.57	<	U	.57	.57	.54	<	U	.54	.54	.53	<	U	.53	.53
m-Nitrotoluene	mg/kg	.75	<	U	.75	.75	.72	<	U	.72	.72	.7	<	U	.7	.7
o-Nitrotoluene	mg/kg	.75	<	U	.75	.75	.72	<	U	.72	.72	.7	<	U	.7	.7
p-Nitrotoluene	mg/kg	2.3	<	U	2.3	2.3	2.2	<	U	2.2	2.2	2.1	<	U	2.1	2.1
METALS																
Aluminum	mg/kg	8680			20.8	20.8	4910			15.8	15.8	6470			15.8	15.8
Antimony	mg/kg	10.4	<	UJ	10.4	10.4	7.9	<	UJ	7.9	7.9	7.9	<	UJ	7.9	7.9
Arsenic	mg/kg	4.8		J	0.21	0.21	2.6		J	0.19	0.19	2.3		J	0.78	0.78
Barium	mg/kg	111			5.2	5.2	646			4	4	43.1			4	4
Cadmium	mg/kg	1	<	U	1	1	0.79	<	U	0.79	0.79	0.79	<	U	0.79	0.79
Calcium	mg/kg	2880			10.4	10.4	3500			7.9	7.9	1130			7.9	7.9
Chromium	mg/kg	14.8			2.1	2.1	8.9			1.6	1.6	18.5			1.6	1.6
Cobalt	mg/kg	6.1			2.1	2.1	7.7			1.6	1.6	3.1			1.6	1.6
Copper	mg/kg	4.6			2.1	2.1	3			1.6	1.6	3.3			1.6	1.6
Cyanide, Total	mg/kg															
Iron	mg/kg	16500			3.1	3.1	5170			2.4	2.4	18700			2.4	2.4
Lead	mg/kg	16.4			5.2	5.2	16.7			4	4	9.3			4	4
Magnesium	mg/kg	388			20.8	20.8	426			15.8	15.8	276			15.8	15.8
Manganese	mg/kg	508			1	1	1340			0.79	0.79	195			0.79	0.79
Mercury	mg/kg	0.094	<	U	0.094	0.094	0.091	<	U	0.091	0.091	0.095	<	U	0.095	0.095

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW38					LHSMW39					LHSMW40				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW38					LHS-MW39					LHS-MW40				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.21	<	U	.21	.21	.19	<	U	.19	.19	.19	<	U	.19	.19
1,3-Dinitrobenzene	mg/kg	.21	<	U	.21	.21	.19	<	U	.19	.19	.19	<	U	.19	.19
2,4,6-Trinitrotoluene	mg/kg	.21	<	U	.21	.21	.19	<	U	.19	.19	.19	<	U	.19	.19
2,4-Dinitrotoluene	mg/kg	.21	<	U	.21	.21	.19	<	U	.19	.19	.19	<	U	.19	.19
2,6-Dinitrotoluene	mg/kg	.22	<	U	.22	.22	.2	<	U	.2	.2	.2	<	U	.2	.2
4-Amino-2,6-dinitrotoluene	mg/kg	.42	<	U	.42	.42	.39	<	U	.39	.39	.39	<	U	.39	.39
HMX	mg/kg	1.8	<	U	1.8	1.8	1.7	<	U	1.7	1.7	1.7	<	U	1.7	1.7
Nitrobenzene	mg/kg	.22	<	U	.22	.22	.2	<	U	.2	.2	.2	<	U	.2	.2
RDX	mg/kg	.9	<	U	.9	.9	.83	<	U	.83	.83	.82	<	U	.82	.82
Tetryl	mg/kg	.63	<	U	.63	.63	.58	<	U	.58	.58	.57	<	U	.57	.57
m-Nitrotoluene	mg/kg	.83	<	U	.83	.83	.77	<	U	.77	.77	.76	<	U	.76	.76
o-Nitrotoluene	mg/kg	.83	<	U	.83	.83	.77	<	U	.77	.77	.76	<	U	.76	.76
p-Nitrotoluene	mg/kg	2.5	<	U	2.5	2.5	2.3	<	U	2.3	2.3	2.3	<	U	2.3	2.3
METALS																
Aluminum	mg/kg	10900			15.9	15.9	7630			15.4	15.4	9400			15.3	15.3
Antimony	mg/kg	7.9	<	UJ	7.9	7.9	7.7	<	UJ	7.7	7.7	7.7	<	UJ	7.7	7.7
Arsenic	mg/kg	8.6		J	1.4	1.4	2.3		J	0.15	0.15	5.5		J	0.74	0.74
Barium	mg/kg	63.9			4	4	55.6			3.8	3.8	64.6			3.8	3.8
Cadmium	mg/kg	0.79	<	U	0.79	0.79	0.77	<	U	0.77	0.77	0.77	<	U	0.77	0.77
Calcium	mg/kg	662			7.9	7.9	315			7.7	7.7	794			7.7	7.7
Chromium	mg/kg	22.2			1.6	1.6	10.4			1.5	1.5	10.7			1.5	1.5
Cobalt	mg/kg	14.7			1.6	1.6	2.6			1.5	1.5	3.5			1.5	1.5
Copper	mg/kg	4			1.6	1.6	2.6			1.5	1.5	3.9			1.5	1.5
Cyanide, Total	mg/kg															
Iron	mg/kg	17300			2.4	2.4	7890			2.3	2.3	9530			2.3	2.3
Lead	mg/kg	13			4	4	13.1			3.8	3.8	11.1			3.8	3.8
Magnesium	mg/kg	643			15.9	15.9	393			15.4	15.4	554			15.3	15.3
Manganese	mg/kg	376			0.79	0.79	268			0.77	0.77	273			0.77	0.77
Mercury	mg/kg	0.42			0.097	0.097	0.1	<	U	0.1	0.1	0.079	<	U	0.079	0.079

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

		LHSMW40					LHSMW41					LHSMW42				
Location Code:		LHSMW40					LHSMW41					LHSMW42				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW40 QC					LHS-MW41					LHS-MW42				
Sample Date:		04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg						.18	<	U	.18	.18	.23	<	U	.23	.23
1,3-Dinitrobenzene	mg/kg						.18	<	U	.18	.18	.23	<	U	.23	.23
2,4,6-Trinitrotoluene	mg/kg						.18	<	U	.18	.18	.23	<	U	.23	.23
2,4-Dinitrotoluene	mg/kg						.18	<	U	.18	.18	.23	<	U	.23	.23
2,6-Dinitrotoluene	mg/kg						.19	<	U	.19	.19	.24	<	U	.24	.24
4-Amino-2,6-dinitrotoluene	mg/kg						.37	<	U	.37	.37	.47	<	U	.47	.47
HMX	mg/kg						1.6	<	U	1.6	1.6	2	<	U	2	2
Nitrobenzene	mg/kg						.19	<	U	.19	.19	.24	<	U	.24	.24
RDX	mg/kg						.79	<	U	.79	.79	1	<	U	1	1
Tetryl	mg/kg						.55	<	U	.55	.55	.69	<	U	.69	.69
m-Nitrotoluene	mg/kg						.73	<	U	.73	.73	.92	<	U	.92	.92
o-Nitrotoluene	mg/kg						.73	<	U	.73	.73	.92	<	U	.92	.92
p-Nitrotoluene	mg/kg						2.2	<	U	2.2	2.2	2.8	<	U	2.8	2.8
METALS																
Aluminum	mg/kg	8390			15.2	15.2	13000			16.3	16.3	6800			16.6	16.6
Antimony	mg/kg	7.6	<	UJ	7.6	7.6	8.2	<	UJ	8.2	8.2	8.3	<	UJ	8.3	8.3
Arsenic	mg/kg	1.6		J	0.15	0.15	3.7		J	0.16	0.16	1.1		J	0.16	0.16
Barium	mg/kg	294			3.8	3.8	90.1			4.1	4.1	107			4.1	4.1
Cadmium	mg/kg	0.76	<	U	0.76	0.76	0.82	<	U	0.82	0.82	0.83	<	U	0.83	0.83
Calcium	mg/kg	748			7.6	7.6	633			8.2	8.2	501			8.3	8.3
Chromium	mg/kg	13.4			1.5	1.5	13.1			1.6	1.6	8			1.7	1.7
Cobalt	mg/kg	7.2			1.5	1.5	7.6			1.6	1.6	3.3			1.7	1.7
Copper	mg/kg	3.8			1.5	1.5	6.2			1.6	1.6	2.6			1.7	1.7
Cyanide, Total	mg/kg															
Iron	mg/kg	12400			2.3	2.3	13000			2.4	2.4	5840			2.5	2.5
Lead	mg/kg	11.7			3.8	3.8	10.8			4.1	4.1	13.6			4.1	4.1
Magnesium	mg/kg	477			15.2	15.2	981			16.3	16.3	396			16.6	16.6
Manganese	mg/kg	2670			0.76	0.76	151			0.82	0.82	1120			0.83	0.83
Mercury	mg/kg	0.1	<	U	0.1	0.1	0.095	<	U	0.095	0.095	0.096	<	U	0.096	0.096

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW43					LHSMW44					LHSMW45				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW43					LHS-MW44					LHS-MW45				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.23	<	U	.23	.23	.25	<	U	.25	.25	.21	<	U	.21	.21
1,3-Dinitrobenzene	mg/kg	.23	<	U	.23	.23	.25	<	U	.25	.25	.21	<	U	.21	.21
2,4,6-Trinitrotoluene	mg/kg	.23	<	U	.23	.23	.25	<	U	.25	.25	.21	<	U	.21	.21
2,4-Dinitrotoluene	mg/kg	.23	<	U	.23	.23	.25	<	U	.25	.25	.21	<	U	.21	.21
2,6-Dinitrotoluene	mg/kg	.24	<	U	.24	.24	.26	<	U	.26	.26	.22	<	U	.22	.22
4-Amino-2,6-dinitrotoluene	mg/kg	.46	<	U	.46	.46	.5	<	U	.5	.5	.42	<	U	.42	.42
HMX	mg/kg	2	<	U	2	2	2.2	<	U	2.2	2.2	1.8	<	U	1.8	1.8
Nitrobenzene	mg/kg	.24	<	U	.24	.24	.26	<	U	.26	.26	.22	<	U	.22	.22
RDX	mg/kg	.99	<	U	.99	.99	1.1	<	U	1.1	1.1	.9	<	U	.9	.9
Tetryl	mg/kg	.69	<	U	.69	.69	.74	<	U	.74	.74	.63	<	U	.63	.63
m-Nitrotoluene	mg/kg	.91	<	U	.91	.91	.99	<	U	.99	.99	.84	<	U	.84	.84
o-Nitrotoluene	mg/kg	.91	<	U	.91	.91	.99	<	U	.99	.99	.84	<	U	.84	.84
p-Nitrotoluene	mg/kg	2.7	<	U	2.7	2.7	3	<	U	3	3	2.5	<	U	2.5	2.5
METALS																
Aluminum	mg/kg	5520			13.9	13.9	5180			13.6	13.6	11800			14.9	14.9
Antimony	mg/kg	7	<	UJ	7	7	6.8	<	UJ	6.8	6.8	7.4	<	UJ	7.4	7.4
Arsenic	mg/kg	1.4		J	0.14	0.14	1.7		J	0.13	0.13	4.1		J	0.7	0.7
Barium	mg/kg	96			3.5	3.5	68			3.4	3.4	68.2			3.7	3.7
Cadmium	mg/kg	0.7	<	U	0.7	0.7	0.68	<	U	0.68	0.68	0.74	<	U	0.74	0.74
Calcium	mg/kg	629			7	7	723			6.8	6.8	100			7.4	7.4
Chromium	mg/kg	11.3			1.4	1.4	10.7			1.4	1.4	23.9			1.5	1.5
Cobalt	mg/kg	5.6			1.4	1.4	5.6			1.4	1.4	4.3			1.5	1.5
Copper	mg/kg	4			1.4	1.4	3			1.4	1.4	5.8			1.5	1.5
Cyanide, Total	mg/kg															
Iron	mg/kg	8210			2.1	2.1	8510			2	2	24700			2.2	2.2
Lead	mg/kg	12.4			3.5	3.5	11.9			3.4	3.4	13.2			3.7	3.7
Magnesium	mg/kg	458			13.9	13.9	327			13.6	13.6	551			14.9	14.9
Manganese	mg/kg	356			0.7	0.7	510			0.68	0.68	153			0.74	0.74
Mercury	mg/kg	0.09	<	U	0.09	0.09	0.085	<	U	0.085	0.085	0.1	<	U	0.1	0.1

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW46					LHSMW47					LHSMW48				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW46					LHS-MW47					LHS-MW48				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.23	<	U	.23	.23	.23	<	U	.23	.23	.23	<	U	.23	.23
1,3-Dinitrobenzene	mg/kg	.23	<	U	.23	.23	.23	<	U	.23	.23	.22	<	U	.22	.22
2,4,6-Trinitrotoluene	mg/kg	.23	<	U	.23	.23	.23	<	U	.23	.23	.23	<	U	.23	.23
2,4-Dinitrotoluene	mg/kg	.23	<	U	.23	.23	.23	<	U	.23	.23	.22	<	U	.22	.22
2,6-Dinitrotoluene	mg/kg	.24	<	U	.24	.24	.24	<	U	.24	.24	.23	<	U	.23	.23
4-Amino-2,6-dinitrotoluene	mg/kg	.46	<	U	.46	.46	.47	<	U	.47	.47	.45	<	U	.45	.45
HMX	mg/kg	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Nitrobenzene	mg/kg	.24	<	U	.24	.24	.24	<	U	.24	.24	.23	<	U	.23	.23
RDX	mg/kg	1	<	U	1	1	1	<	U	1	1	.97	<	U	.97	.97
Tetryl	mg/kg	.68	<	U	.68	.68	.7	<	U	.7	.7	.67	<	U	.67	.67
m-Nitrotoluene	mg/kg	.91	<	U	.91	.91	.93	<	U	.93	.93	.9	<	U	.9	.9
o-Nitrotoluene	mg/kg	.91	<	U	.91	.91	.93	<	U	.93	.93	.9	<	U	.9	.9
p-Nitrotoluene	mg/kg	2.7	<	U	2.7	2.7	2.8	<	U	2.8	2.8	2.7	<	U	2.7	2.7
METALS																
Aluminum	mg/kg	3830			14.6	14.6	5860			14.6	14.6	4710			14	14
Antimony	mg/kg	7.3	<	UJ	7.3	7.3	7.3	<	UJ	7.3	7.3	7	<	UJ	7	7
Arsenic	mg/kg	2		J	0.15	0.15	4.4		J	0.64	0.64	2.5		J	0.14	0.14
Barium	mg/kg	91.3			3.7	3.7	175			3.6	3.6	89.6			3.5	3.5
Cadmium	mg/kg	0.73	<	U	0.73	0.73	0.73	<	U	0.73	0.73	0.7	<	U	0.7	0.7
Calcium	mg/kg	710			7.3	7.3	1440			7.3	7.3	354			7	7
Chromium	mg/kg	8.9			1.5	1.5	12.5			1.5	1.5	15.2			1.4	1.4
Cobalt	mg/kg	11.5			1.5	1.5	6			1.5	1.5	7.3			1.4	1.4
Copper	mg/kg	2.4			1.5	1.5	3.4			1.5	1.5	3.2			1.4	1.4
Cyanide, Total	mg/kg						1.3			0.49	0.49	0.44	<	U	0.44	0.44
Iron	mg/kg	5730			2.2	2.2	13600			2.2	2.2	8040			2.1	2.1
Lead	mg/kg	8.9			3.7	3.7	14.1			3.6	3.6	8.8			3.5	3.5
Magnesium	mg/kg	181			14.6	14.6	362			14.6	14.6	212			14	14
Manganese	mg/kg	610			0.73	0.73	348			0.73	0.73	775			0.7	0.7
Mercury	mg/kg	0.1	<	U	0.1	0.1	0.079	<	U	0.079	0.079	0.089	<	U	0.089	0.089

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		Location Code:	LHSMW49					LHSMW50					LHSMW50				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	LHS-MW49					LHS-MW50					LHS-MW50 QC				
		Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg		.207	<	U	.207	.207	.17	<	U	.17	.17					
1,3-Dinitrobenzene	mg/kg		.2	<	U	.2	.2	.17	<	U	.17	.17					
2,4,6-Trinitrotoluene	mg/kg		.2	<	U	.2	.2	.17	<	U	.17	.17					
2,4-Dinitrotoluene	mg/kg		.2	<	U	.2	.2	.17	<	U	.17	.17					
2,6-Dinitrotoluene	mg/kg		.2	<	U	.2	.2	.18	<	U	.18	.18					
4-Amino-2,6-dinitrotoluene	mg/kg		.4	<	U	.4	.4	.35	<	U	.35	.35					
HMX	mg/kg		1.7	<	U	1.7	1.7	1.5	<	U	1.5	1.5					
Nitrobenzene	mg/kg		.2	<	U	.2	.2	.18	<	U	.18	.18					
RDX	mg/kg		.84	<	U	.84	.84	.74	<	U	.74	.74					
Tetryl	mg/kg		.59	<	U	.59	.59	.52	<	U	.52	.52					
m-Nitrotoluene	mg/kg		.78	<	U	.78	.78	.69	<	U	.69	.69					
o-Nitrotoluene	mg/kg		.78	<	U	.78	.78	.69	<	U	.69	.69					
p-Nitrotoluene	mg/kg		2.3	<	U	2.3	2.3	2.1	<	U	2.1	2.1					
METALS																	
Aluminum	mg/kg		7530			13.5	13.5	8400			15.1	15.1	370			15	15
Antimony	mg/kg		6.7	<	UJ	6.7	6.7	7.6	<	UJ	7.6	7.6	7.5	<	UJ	7.5	7.5
Arsenic	mg/kg		2.6		J	0.14	0.14	5.8			0.75	0.75	370		J	1.4	1.4
Barium	mg/kg		162			3.4	3.4	92.9			3.8	3.8	370			3.8	3.8
Cadmium	mg/kg		0.67	<	U	0.67	0.67	0.76	<	U	0.76	0.76	0.75	<	U	0.75	0.75
Calcium	mg/kg		2640			6.7	6.7	651			7.6	7.6	370			7.5	7.5
Chromium	mg/kg		12.1			1.3	1.3	17.4			1.5	1.5	370			1.5	1.5
Cobalt	mg/kg		6.7			1.3	1.3	5.3			1.5	1.5	370			1.5	1.5
Copper	mg/kg		6.5			1.3	1.3	4.5			1.5	1.5	370			1.5	1.5
Cyanide, Total	mg/kg		0.53	<	U	0.53	0.53										
Iron	mg/kg		9930			2	2	16100			2.3	2.3	370			2.3	2.3
Lead	mg/kg		18.2			3.4	3.4	13.4			3.8	3.8	370			3.8	3.8
Magnesium	mg/kg		662			13.5	13.5	492			15.1	15.1	370			15	15
Manganese	mg/kg		304			0.67	0.67	487			0.76	0.76	370			0.75	0.75
Mercury	mg/kg		0.088	<	U	0.088	0.088	0.11	<	U	0.11	0.11	0.087	<	U	0.087	0.087

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW51					LHSMW52					LHSMW53				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW51					LHS-MW52					LHS-MW53				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.22	<	U	.22	.22	.22	<	U	.22	.22	.21	<	U	.21	.21
1,3-Dinitrobenzene	mg/kg	.22	<	U	.22	.22	.22	<	U	.22	.22	.21	<	U	.21	.21
2,4,6-Trinitrotoluene	mg/kg	.22	<	U	.22	.22	.22	<	U	.22	.22	.21	<	U	.21	.21
2,4-Dinitrotoluene	mg/kg	.22	<	U	.22	.22	.22	<	U	.22	.22	.21	<	U	.21	.21
2,6-Dinitrotoluene	mg/kg	.22	<	U	.22	.22	.23	<	U	.23	.23	.22	<	U	.22	.22
4-Amino-2,6-dinitrotoluene	mg/kg	.44	<	U	.44	.44	.44	<	U	.44	.44	.42	<	U	.42	.42
HMX	mg/kg	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8
Nitrobenzene	mg/kg	.22	<	U	.22	.22	.23	<	U	.23	.23	.22	<	U	.22	.22
RDX	mg/kg	.93	<	U	.93	.93	.95	<	U	.95	.95	.9	<	U	.9	.9
Tetryl	mg/kg	.65	<	U	.65	.65	.66	<	U	.66	.66	.63	<	U	.63	.63
m-Nitrotoluene	mg/kg	.86	<	U	.86	.86	.88	<	U	.88	.88	.84	<	U	.84	.84
o-Nitrotoluene	mg/kg	.86	<	U	.86	.86	.88	<	U	.88	.88	.84	<	U	.84	.84
p-Nitrotoluene	mg/kg	2.6	<	U	2.6	2.6	2.6	<	U	2.6	2.6	2.5	<	U	2.5	2.5
METALS																
Aluminum	mg/kg	5520			14.9	14.9	6140			11.8	11.8	5230			13.8	13.8
Antimony	mg/kg	7.4	<	UJ	7.4	7.4	5.9	<	UJ	5.9	5.9	6.9	<	UJ	6.9	6.9
Arsenic	mg/kg	2.3		J	0.13	0.13	8.1		J	1.3	1.3	1.3		J	0.13	0.13
Barium	mg/kg	97.1			3.7	3.7	40.8			3	3	58.7			3.4	3.4
Cadmium	mg/kg	0.74	<	U	0.74	0.74	0.59	<	U	0.59	0.59	0.69	<	U	0.69	0.69
Calcium	mg/kg	1050			7.4	7.4	57800			59.1	59.1	739			6.9	6.9
Chromium	mg/kg	9.2			1.5	1.5	26.6			1.2	1.2	10.4			1.4	1.4
Cobalt	mg/kg	7.1			1.5	1.5	2.6			1.2	1.2	4.2			1.4	1.4
Copper	mg/kg	4.5			1.5	1.5	4.7			1.2	1.2	2.6			1.4	1.4
Cyanide, Total	mg/kg															
Iron	mg/kg	9000			2.2	2.2	33700			17.7	17.7	6470			2.1	2.1
Lead	mg/kg	11.4			3.7	3.7	18.6			3	3	11.4			3.4	3.4
Magnesium	mg/kg	314			14.9	14.9	3240			11.8	11.8	311			13.8	13.8
Manganese	mg/kg	868			0.74	0.74	179			0.59	0.59	315			0.69	0.69
Mercury	mg/kg	0.091	<	U	0.091	0.091	0.083	<	U	0.083	0.083	0.14			0.094	0.094

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW54					LHSMW55					LHSMW56				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW54					LHS-MW55					LHS-MW56				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.19	<	U	.19	.19	.21	<	U	.21	.21	.17	<	U	.17	.17
1,3-Dinitrobenzene	mg/kg	.19	<	U	.19	.19	.21	<	U	.21	.21	.17	<	U	.17	.17
2,4,6-Trinitrotoluene	mg/kg	.19	<	U	.19	.19	.21	<	U	.21	.21	.17	<	U	.17	.17
2,4-Dinitrotoluene	mg/kg	.19	<	U	.19	.19	.21	<	U	.21	.21	.17	<	U	.17	.17
2,6-Dinitrotoluene	mg/kg	.2	<	U	.2	.2	.22	<	U	.22	.22	.17	<	U	.17	.17
4-Amino-2,6-dinitrotoluene	mg/kg	.39	<	U	.39	.39	.43	<	U	.43	.43	.34	<	U	.34	.34
HMX	mg/kg	1.7	<	U	1.7	1.7	1.9	<	U	1.9	1.9	1.5	<	U	1.5	1.5
Nitrobenzene	mg/kg	.2	<	U	.2	.2	.22	<	U	.22	.22	.17	<	U	.17	.17
RDX	mg/kg	.82	<	U	.82	.82	.92	<	U	.92	.92	.72	<	U	.72	.72
Tetryl	mg/kg	.57	<	U	.57	.57	.64	<	U	.64	.64	.5	<	U	.5	.5
m-Nitrotoluene	mg/kg	.76	<	U	.76	.76	.85	<	U	.85	.85	.67	<	U	.67	.67
o-Nitrotoluene	mg/kg	.76	<	U	.76	.76	.85	<	U	.85	.85	.67	<	U	.67	.67
p-Nitrotoluene	mg/kg	2.3	<	U	2.3	2.3	2.5	<	U	2.5	2.5	2	<	U	2	2
METALS																
Aluminum	mg/kg	6990			15	15	5810			14.3	14.3	5630			13.2	13.2
Antimony	mg/kg	7.5	<	UJ	7.5	7.5	7.2	<	UJ	7.2	7.2	6.6	<	UJ	6.6	6.6
Arsenic	mg/kg	2.2		J	0.16	0.16	5.5		J	0.71	0.71	7.5		J	1.4	1.4
Barium	mg/kg	73.4			3.7	3.7	69			3.6	3.6	54.1			3.3	3.3
Cadmium	mg/kg	0.75	<	U	0.75	0.75	0.72	<	U	0.72	0.72	0.66	<	U	0.66	0.66
Calcium	mg/kg	532			7.5	7.5	697			7.2	7.2	1370			6.6	6.6
Chromium	mg/kg	13.5			1.5	1.5	36.4			1.4	1.4	25.9			1.3	1.3
Cobalt	mg/kg	8.6			1.5	1.5	4.3			1.4	1.4	3.6			1.3	1.3
Copper	mg/kg	4.4			1.5	1.5	3.6			1.4	1.4	4.7			1.3	1.3
Cyanide, Total	mg/kg															
Iron	mg/kg	12600			2.2	2.2	40500			21.4	21.4	29500			2	2
Lead	mg/kg	11.9			3.7	3.7	20.1			3.6	3.6	26.5			3.3	3.3
Magnesium	mg/kg	535			15	15	238			14.3	14.3	385			13.2	13.2
Manganese	mg/kg	579			0.75	0.75	330			0.72	0.72	157			0.66	0.66
Mercury	mg/kg	0.12	<	U	0.12	0.12	0.091	<	U	0.091	0.091	0.074	<	U	0.074	0.074

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW57					LHSMW58					LHSMW59				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW57					LHS-MW58					LHS-MW59				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.18	<	U	.18	.18	.24	<	U	.24	.24	.22	<	U	.22	.22
1,3-Dinitrobenzene	mg/kg	.18	<	U	.18	.18	.23	<	U	.23	.23	.21	<	U	.21	.21
2,4,6-Trinitrotoluene	mg/kg	.18	<	U	.18	.18	.24	<	U	.24	.24	.22	<	U	.22	.22
2,4-Dinitrotoluene	mg/kg	.18	<	U	.18	.18	.23	<	U	.23	.23	.21	<	U	.21	.21
2,6-Dinitrotoluene	mg/kg	.19	<	U	.19	.19	.24	<	U	.24	.24	.22	<	U	.22	.22
4-Amino-2,6-dinitrotoluene	mg/kg	.37	<	U	.37	.37	.48	<	U	.48	.48	.43	<	U	.43	.43
HMX	mg/kg	1.6	<	U	1.6	1.6	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9
Nitrobenzene	mg/kg	.19	<	U	.19	.19	.24	<	U	.24	.24	.22	<	U	.22	.22
RDX	mg/kg	.78	<	U	.78	.78	1	<	U	1	1	.93	<	U	.93	.93
Tetryl	mg/kg	.54	<	U	.54	.54	.71	<	U	.71	.71	.65	<	U	.65	.65
m-Nitrotoluene	mg/kg	.72	<	U	.72	.72	.94	<	U	.94	.94	.86	<	U	.86	.86
o-Nitrotoluene	mg/kg	.72	<	U	.72	.72	.94	<	U	.94	.94	.86	<	U	.86	.86
p-Nitrotoluene	mg/kg	2.1	<	U	2.1	2.1	2.8	<	U	2.8	2.8	2.6	<	U	2.6	2.6
METALS																
Aluminum	mg/kg	6230			15	15	3300			16.9	16.9	4190			12.4	12.4
Antimony	mg/kg	7.5	<	UJ	7.5	7.5	8.5	<	UJ	8.5	8.5	6.2	<	UJ	6.2	6.2
Arsenic	mg/kg	5.2		J	0.69	0.69	1.6		J	0.14	0.14	2		J	0.14	0.14
Barium	mg/kg	39.1			3.7	3.7	80.7			4.2	4.2	190			3.1	3.1
Cadmium	mg/kg	0.75	<	U	0.75	0.75	0.85	<	U	0.85	0.85	0.62	<	U	0.62	0.62
Calcium	mg/kg	953			7.5	7.5	872			8.5	8.5	598			6.2	6.2
Chromium	mg/kg	58			1.5	1.5	9.1			1.7	1.7	16.7			1.2	1.2
Cobalt	mg/kg	2.7			1.5	1.5	5.5			1.7	1.7	24.1			1.2	1.2
Copper	mg/kg	4			1.5	1.5	3.6			1.7	1.7	3.3			1.2	1.2
Cyanide, Total	mg/kg															
Iron	mg/kg	75200			22.4	22.4	6200			2.5	2.5	12800			1.9	1.9
Lead	mg/kg	27.7			3.7	3.7	9.5			4.2	4.2	13.6			3.1	3.1
Magnesium	mg/kg	195			15	15	274			16.9	16.9	175			12.4	12.4
Manganese	mg/kg	189			0.75	0.75	462			0.85	0.85	1860			0.62	0.62
Mercury	mg/kg	0.078	<	U	0.078	0.078	0.11			0.11	0.11	0.082	<	U	0.082	0.082

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW60					LHSMW60					LHSMW61				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW60					LHS-MW60 QC					LHS-MW61				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.21	<	U	.21	.21						.21	<	U	.21	.21
1,3-Dinitrobenzene	mg/kg	.21	<	U	.21	.21						.21	<	U	.21	.21
2,4,6-Trinitrotoluene	mg/kg	.21	<	U	.21	.21						.21	<	U	.21	.21
2,4-Dinitrotoluene	mg/kg	.21	<	U	.21	.21						.21	<	U	.21	.21
2,6-Dinitrotoluene	mg/kg	.22	<	U	.22	.22						.21	<	U	.21	.21
4-Amino-2,6-dinitrotoluene	mg/kg	.42	<	U	.42	.42						.42	<	U	.42	.42
HMX	mg/kg	1.8	<	U	1.8	1.8						1.8	<	U	1.8	1.8
Nitrobenzene	mg/kg	.22	<	U	.22	.22						.21	<	U	.21	.21
RDX	mg/kg	.9	<	U	.9	.9						.89	<	U	.89	.89
Tetryl	mg/kg	.63	<	U	.63	.63						.62	<	U	.62	.62
m-Nitrotoluene	mg/kg	.84	<	U	.84	.84						.83	<	U	.83	.83
o-Nitrotoluene	mg/kg	.84	<	U	.84	.84						.83	<	U	.83	.83
p-Nitrotoluene	mg/kg	2.5	<	U	2.5	2.5						2.5	<	U	2.5	2.5
METALS																
Aluminum	mg/kg	3550			14.8	14.8	370			14.1	14.1	6840			13.2	13.2
Antimony	mg/kg	7.4			7.4	7.4	7.1	<	UJ	7.1	7.1	6.6	<	U	6.6	6.6
Arsenic	mg/kg	1.4			0.15	0.15	370		J	0.14	0.14	1.6			0.69	0.69
Barium	mg/kg	59.1			3.7	3.7	370			3.5	3.5	71.8			3.3	3.3
Cadmium	mg/kg	0.74	<	U	0.74	0.74	0.71	<	U	0.71	0.71	0.66	<	U	0.66	0.66
Calcium	mg/kg	650			7.4	7.4	370			7.1	7.1	449			6.6	6.6
Chromium	mg/kg	8.4			1.5	1.5	370			1.4	1.4	23			1.3	1.3
Cobalt	mg/kg	3.9			1.5	1.5	370			1.4	1.4	7.2			1.3	1.3
Copper	mg/kg	3.2			1.5	1.5	370			1.4	1.4	2.8			1.3	1.3
Cyanide, Total	mg/kg															
Iron	mg/kg	7490			2.2	2.2	370			2.1	2.1	11300			2	2
Lead	mg/kg	9.8			3.7	3.7	370			3.5	3.5	11.9			3.3	3.3
Magnesium	mg/kg	199			14.8	14.8	370			14.1	14.1	366			13.2	13.2
Manganese	mg/kg	354			0.74	0.74	370			0.71	0.71	322			0.66	0.66
Mercury	mg/kg	0.13			0.081	0.081	0.1	<	U	0.1	0.1	0.079	<	U	0.079	0.079

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW62					LHSMW63					LHSMW64				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW62					LHS-MW63					LHS-MW64				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.24	<	U	.24	.24	.2	<	U	.2	.2	.18	<	U	.18	.18
1,3-Dinitrobenzene	mg/kg	.24	<	U	.24	.24	.2	<	U	.2	.2	.18	<	U	.18	.18
2,4,6-Trinitrotoluene	mg/kg	.24	<	U	.24	.24	.2	<	U	.2	.2	.18	<	U	.18	.18
2,4-Dinitrotoluene	mg/kg	.24	<	U	.24	.24	.2	<	U	.2	.2	.18	<	U	.18	.18
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	.25	.21	<	U	.21	.21	.18	<	U	.18	.18
4-Amino-2,6-dinitrotoluene	mg/kg	.48	<	U	.48	.48	.4	<	U	.4	.4	.36	<	U	.36	.36
HMX	mg/kg	2.1	<	U	2.1	2.1	1.8	<	U	1.8	1.8	1.6	<	U	1.6	1.6
Nitrobenzene	mg/kg	.25	<	U	.25	.25	.21	<	U	.21	.21	.18	<	U	.18	.18
RDX	mg/kg	1	<	U	1	1	.86	<	U	.86	.86	.76	<	U	.76	.76
Tetryl	mg/kg	.71	<	U	.71	.71	.6	<	U	.6	.6	.53	<	U	.53	.53
m-Nitrotoluene	mg/kg	.95	<	U	.95	.95	.8	<	U	.8	.8	.71	<	U	.71	.71
o-Nitrotoluene	mg/kg	.95	<	U	.95	.95	.8	<	U	.8	.8	.71	<	U	.71	.71
p-Nitrotoluene	mg/kg	2.8	<	U	2.8	2.8	2.4	<	U	2.4	2.4	2.1	<	U	2.1	2.1
METALS																
Aluminum	mg/kg	15600			14.9	14.9	12400			14.3	14.3	8290			12.4	12.4
Antimony	mg/kg	7.5	<	U	7.5	7.5	7.2	<	U	7.2	7.2	6.2	<	U	6.2	6.2
Arsenic	mg/kg	3.3			1.5	1.5	3.8			1.4	1.4	7.6			2.9	2.9
Barium	mg/kg	120			3.7	3.7	98.2			3.6	3.6	149			3.1	3.1
Cadmium	mg/kg	0.75	<	U	0.75	0.75	0.72	<	U	0.72	0.72	0.62	<	U	0.62	0.62
Calcium	mg/kg	1090			7.5	7.5	1410			7.2	7.2	749			6.2	6.2
Chromium	mg/kg	17.6			1.5	1.5	15			1.4	1.4	19.8			1.2	1.2
Cobalt	mg/kg	8			1.5	1.5	5.9			1.4	1.4	21.3			1.2	1.2
Copper	mg/kg	7.3			1.5	1.5	6.7			1.4	1.4	4.6			1.2	1.2
Cyanide, Total	mg/kg															
Iron	mg/kg	17100			2.2	2.2	16200			2.1	2.1	20700			1.9	1.9
Lead	mg/kg	15.5			3.7	3.7	14.4			3.6	3.6	20.8			3.1	3.1
Magnesium	mg/kg	1240			14.9	14.9	788			14.3	14.3	403			12.4	12.4
Manganese	mg/kg	191			0.75	0.75	164			0.72	0.72	1420			0.62	0.62
Mercury	mg/kg	0.085	<	U	0.085	0.085	0.1	<	U	0.1	0.1	0.086	<	U	0.086	0.086

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW65					LHSMW66					LHSMW67				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW65					LHS-MW66					LHS-MW67				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.2	<	U	.2	.2	.18	<	U	.18	.18	.18	<	U	.18	.18
1,3-Dinitrobenzene	mg/kg	.2	<	U	.2	.2	.17	<	U	.17	.17	.17	<	U	.17	.17
2,4,6-Trinitrotoluene	mg/kg	.2	<	U	.2	.2	.18	<	U	.18	.18	.18	<	U	.18	.18
2,4-Dinitrotoluene	mg/kg	.2	<	U	.2	.2	.17	<	U	.17	.17	.17	<	U	.17	.17
2,6-Dinitrotoluene	mg/kg	.21	<	U	.21	.21	.18	<	U	.18	.18	.18	<	U	.18	.18
4-Amino-2,6-dinitrotoluene	mg/kg	.41	<	U	.41	.41	.35	<	U	.35	.35	.35	<	U	.35	.35
HMX	mg/kg	1.8	<	U	1.8	1.8	1.5	<	U	1.5	1.5	1.5	<	U	1.5	1.5
Nitrobenzene	mg/kg	.21	<	U	.21	.21	.18	<	U	.18	.18	.18	<	U	.18	.18
RDX	mg/kg	.87	<	U	.87	.87	.75	<	U	.75	.75	.75	<	U	.75	.75
Tetryl	mg/kg	.61	<	U	.61	.61	.52	<	U	.52	.52	.52	<	U	.52	.52
m-Nitrotoluene	mg/kg	.81	<	U	.81	.81	.69	<	U	.69	.69	.7	<	U	.7	.7
o-Nitrotoluene	mg/kg	.81	<	U	.81	.81	.69	<	U	.69	.69	.7	<	U	.7	.7
p-Nitrotoluene	mg/kg	2.4	<	U	2.4	2.4	2.1	<	U	2.1	2.1	2.1	<	U	2.1	2.1
METALS																
Aluminum	mg/kg	5920			13.5	13.5	10000			13.4	13.4	16500			14.3	14.3
Antimony	mg/kg	6.8	<	U	6.8	6.8	6.7	<	U	6.7	6.7	7.2	<	U	7.2	7.2
Arsenic	mg/kg	1.8			0.14	0.14	1.7			0.67	0.67	2.9			0.68	0.68
Barium	mg/kg	77.6			3.4	3.4	66			3.4	3.4	52.9			3.6	3.6
Cadmium	mg/kg	0.68	<	U	0.68	0.68	0.67	<	U	0.67	0.67	0.72	<	U	0.72	0.72
Calcium	mg/kg	324			6.8	6.8	226			6.7	6.7	728			7.2	7.2
Chromium	mg/kg	9.3			1.4	1.4	12.9			1.3	1.3	20.7			1.4	1.4
Cobalt	mg/kg	8.8			1.4	1.4	7.9			1.3	1.3	5.6			1.4	1.4
Copper	mg/kg	2.6			1.4	1.4	2.8			1.3	1.3	7			1.4	1.4
Cyanide, Total	mg/kg															
Iron	mg/kg	6860			2	2	8500			2	2	21500			2.1	2.1
Lead	mg/kg	11.8			3.4	3.4	10.5			3.4	3.4	13.3			3.6	3.6
Magnesium	mg/kg	263			13.5	13.5	403			13.4	13.4	1560			14.3	14.3
Manganese	mg/kg	507			0.68	0.68	325			0.67	0.67	72.8			0.72	0.72
Mercury	mg/kg	0.077	<	U	0.077	0.077	0.087	<	U	0.087	0.087	0.24			0.097	0.097

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW68					LHSMW69					LHSMW70				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW68					LHS-MW69					LHS-MW70				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.24	<	U	.24	.24	.23	<	U	.23	.23	.24	<	U	.24	.24
1,3-Dinitrobenzene	mg/kg	.24	<	U	.24	.24	.23	<	U	.23	.23	.24	<	U	.24	.24
2,4,6-Trinitrotoluene	mg/kg	.24	<	U	.24	.24	.23	<	U	.23	.23	.24	<	U	.24	.24
2,4-Dinitrotoluene	mg/kg	.24	<	U	.24	.24	.23	<	U	.23	.23	.24	<	U	.24	.24
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	.25	.24	<	U	.24	.24	.25	<	U	.25	.25
4-Amino-2,6-dinitrotoluene	mg/kg	.48	<	U	.48	.48	.47	<	U	.47	.47	.48	<	U	.48	.48
HMX	mg/kg	2.1	<	U	2.1	2.1	2	<	U	2	2	2.1	<	U	2.1	2.1
Nitrobenzene	mg/kg	.25	<	U	.25	.25	.24	<	U	.24	.24	.25	<	U	.25	.25
RDX	mg/kg	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Tetryl	mg/kg	.71	<	U	.71	.71	.7	<	U	.7	.7	.72	<	U	.72	.72
m-Nitrotoluene	mg/kg	.95	<	U	.95	.95	.93	<	U	.93	.93	.96	<	U	.96	.96
o-Nitrotoluene	mg/kg	.95	<	U	.95	.95	.93	<	U	.93	.93	.96	<	U	.96	.96
p-Nitrotoluene	mg/kg	2.8	<	U	2.8	2.8	2.8	<	U	2.8	2.8	2.9	<	U	2.9	2.9
METALS																
Aluminum	mg/kg	7440			12.5	12.5	9450			13.2	13.2	10300			12.5	12.5
Antimony	mg/kg	6.2	<	U	6.2	6.2	6.6	<	U	6.6	6.6	6.2	<	U	6.2	6.2
Arsenic	mg/kg	1.8			0.62	0.62	12.1			0.67	0.67	2			0.65	0.65
Barium	mg/kg	66.9			3.1	3.1	39.7			3.3	3.3	70.7			3.1	3.1
Cadmium	mg/kg	0.62	<	U	0.62	0.62	0.66	<	U	0.66	0.66	0.62	<	U	0.62	0.62
Calcium	mg/kg	616			6.2	6.2	1640			6.6	6.6	809			6.2	6.2
Chromium	mg/kg	10.2			1.2	1.2	49.8			1.3	1.3	17.9			1.2	1.2
Cobalt	mg/kg	6.9			1.2	1.2	2			1.3	1.3	6.1			1.2	1.2
Copper	mg/kg	8.3			1.2	1.2	6.8			1.3	1.3	7.6			1.2	1.2
Cyanide, Total	mg/kg															
Iron	mg/kg	10400			1.9	1.9	50700			19.7	19.7	24000			1.9	1.9
Lead	mg/kg	8.2			3.1	3.1	9.9			3.3	3.3	10.5			3.1	3.1
Magnesium	mg/kg	1140			12.5	12.5	357			13.2	13.2	908			12.5	12.5
Manganese	mg/kg	143			0.62	0.62	63.7			0.66	0.66	86.3			0.62	0.62
Mercury	mg/kg	0.091	<	U	0.091	0.091	0.1	<	U	0.1	0.1	0.098	<	U	0.098	0.098

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW70					LHSMW71					
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					
	Sample No:	LHS-MW70 QC					LHS-MW71					
	Sample Date:	05-OCT-94					05-OCT-94					
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES												
1,3,5-Trinitrobenzene	mg/kg						.17	<	U	.17	.17
1,3-Dinitrobenzene	mg/kg						.17	<	U	.17	.17
2,4,6-Trinitrotoluene	mg/kg						.17	<	U	.17	.17
2,4-Dinitrotoluene	mg/kg						.17	<	U	.17	.17
2,6-Dinitrotoluene	mg/kg						.18	<	U	.18	.18
4-Amino-2,6-dinitrotoluene	mg/kg						.35	<	U	.35	.35
HMX	mg/kg						1.5	<	U	1.5	1.5
Nitrobenzene	mg/kg						.18	<	U	.18	.18
RDX	mg/kg						.75	<	U	.75	.75
Tetryl	mg/kg						.52	<	U	.52	.52
m-Nitrotoluene	mg/kg						.69	<	U	.69	.69
o-Nitrotoluene	mg/kg						.69	<	U	.69	.69
p-Nitrotoluene	mg/kg						2.1	<	U	2.1	2.1
METALS												
Aluminum	mg/kg	10700			13.9	13.9	5550			12.3	12.3
Antimony	mg/kg	6.9	<	U	6.9	6.9	6.1	<	U	6.1	6.1
Arsenic	mg/kg	5.3			0.59	0.59	16.2			0.65	0.65
Barium	mg/kg	72.7			3.5	3.5	38.6			3.1	3.1
Cadmium	mg/kg	0.69	<	U	0.69	0.69	0.61	<	U	0.61	0.61
Calcium	mg/kg	834			6.9	6.9	356			6.1	6.1
Chromium	mg/kg	17			1.4	1.4	28			1.2	1.2
Cobalt	mg/kg	6.5			1.4	1.4	2.9			1.2	1.2
Copper	mg/kg	7.4			1.4	1.4	3.8			1.2	1.2
Cyanide, Total	mg/kg										
Iron	mg/kg	24200			2.1	2.1	34100			18.4	18.4
Lead	mg/kg	11.5			3.5	3.5	10.9			3.1	3.1
Magnesium	mg/kg	933			13.9	13.9	299			12.3	12.3
Manganese	mg/kg	109			0.69	0.69	101			0.61	0.61
Mercury	mg/kg	0.093	<	U	0.093	0.093	0.09	<	U	0.09	0.09

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW30					LHSMW30					LHSMW31				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW30					LHS-MW30 QC					LHS-MW31				
	Sample Date:	03-OCT-94					03-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	324			178	178	295			180	180	423			185	185
Selenium	mg/kg	0.37		J	0.2	0.2	0.42		J	0.19	0.19	0.42		J	0.18	0.18
Silver	mg/kg	0.89	<	U	0.89	0.89	0.9	<	U	0.9	0.9	0.92	<	U	0.92	0.92
Strontium	mg/kg	12.5			8.9	8.9	12.6			9	9	10.1			9.2	9.2
Thallium	mg/kg	44.6	<	U	44.6	44.6	45	<	U	45	45	46.2	<	U	46.2	46.2
Zinc	mg/kg	14.3			0.89	0.89	13.2			0.9	0.9	19.6			0.92	0.92
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
1,2-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
1,3-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
1,4-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4,5-Trichlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4-Dichlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4-Dimethylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4-Dinitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2,6-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Chloronaphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Chlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Methylnaphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
3,3'-Dichlorobenzidine	mg/kg	.71	<	U	.71	.71	.71	<	U	.71	.71	.73	<	U	.73	.73
3-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
4-Chloro-3-methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW32					LHSMW33					LHSMW34				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW32					LHS-MW33					LHS-MW34				
Sample Date:		04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	265			175	175	576			181	181	286			188	188
Selenium	mg/kg	0.23		J	0.18	0.18	0.18		J	0.18	0.18	0.23		J	0.19	0.19
Silver	mg/kg	0.88	<	U	0.88	0.88	0.91	<	U	0.91	0.91	0.94	<	U	0.94	0.94
Strontium	mg/kg	9.8			8.8	8.8	12			9.1	9.1	9.4	<	U	9.4	9.4
Thallium	mg/kg	43.8	<	U	43.8	43.8	45.4	<	U	45.4	45.4	47	<	U	47	47
Zinc	mg/kg	19.2			0.88	0.88	26.3			0.91	0.91	18.7			0.94	0.94
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
1,2-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
1,3-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
1,4-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2,4,5-Trichlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2,4-Dichlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2,4-Dimethylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2,4-Dinitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2,6-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2-Chloronaphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2-Chlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2-Methylnaphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2-Methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
3,3'-Dichlorobenzidine	mg/kg	.72	<	U	.72	.72	.72	<	U	.72	.72	.74	<	U	.74	.74
3-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
4-Chloro-3-methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW35					LHSMW36					LHSMW37				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW35					LHS-MW36					LHS-MW37				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	406			208	208	277			158	158	339			158	158
Selenium	mg/kg	0.3		J	0.21	0.21	0.22		J	0.19	0.19	0.32		J	0.16	0.16
Silver	mg/kg	1	<	U	1	1	0.79	<	U	0.79	0.79	0.79	<	U	0.79	0.79
Strontium	mg/kg	21.3			10.4	10.4	52.5			7.9	7.9	7.9	<	U	7.9	7.9
Thallium	mg/kg	51.9	<	U	51.9	51.9	39.6	<	U	39.6	39.6	39.6	<	U	39.6	39.6
Zinc	mg/kg	35.6			1	1	37.7			0.79	0.79	26.4			0.79	0.79
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
1,2-Dichlorobenzene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
1,3-Dichlorobenzene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
1,4-Dichlorobenzene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
2,4,5-Trichlorophenol	mg/kg	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9	1.7	<	U	1.7	1.7
2,4,6-Trichlorophenol	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
2,4-Dichlorophenol	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
2,4-Dimethylphenol	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
2,4-Dinitrophenol	mg/kg	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9	1.7	<	U	1.7	1.7
2,4-Dinitrotoluene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
2,6-Dinitrotoluene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
2-Chloronaphthalene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
2-Chlorophenol	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
2-Methylnaphthalene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
2-Methylphenol	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
2-Nitroaniline	mg/kg	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9	1.7	<	U	1.7	1.7
2-Nitrophenol	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
3,3'-Dichlorobenzidine	mg/kg	.83	<	U	.83	.83	.75	<	U	.75	.75	.68	<	U	.68	.68
3-Nitroaniline	mg/kg	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9	1.7	<	U	1.7	1.7
4,6-Dinitro-2-methylphenol	mg/kg	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9	1.7	<	U	1.7	1.7
4-Bromophenyl phenyl ether	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
4-Chloro-3-methylphenol	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW38					LHSMW39					LHSMW40				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW38					LHS-MW39					LHS-MW40				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	671			159	159	388			154	154	362			153	153
Selenium	mg/kg	0.71		J	0.29	0.29	0.39		J	0.31	0.31	0.55		J	0.3	0.3
Silver	mg/kg	0.79	<	U	0.79	0.79	0.77	<	U	0.77	0.77	0.77	<	U	0.77	0.77
Strontium	mg/kg	9.5			7.9	7.9	7.7	<	U	7.7	7.7	9			7.7	7.7
Thallium	mg/kg	39.7	<	U	39.7	39.7	38.4	<	U	38.4	38.4	38.3	<	U	38.3	38.3
Zinc	mg/kg	20.1			0.79	0.79	12.7			0.77	0.77	15.8			0.77	0.77
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
1,2-Dichlorobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
1,3-Dichlorobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
1,4-Dichlorobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4,5-Trichlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4-Dichlorophenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4-Dimethylphenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4-Dinitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2,6-Dinitrotoluene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Chloronaphthalene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Chlorophenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Methylnaphthalene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Methylphenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
3,3'-Dichlorobenzidine	mg/kg	.7	<	U	.7	.7	.7	<	U	.7	.7	.71	<	U	.71	.71
3-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Chloro-3-methylphenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW40					LHSMW41					LHSMW42				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW40 QC					LHS-MW41					LHS-MW42				
Sample Date:		04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	328			152	152	655			163	163	296			166	166
Selenium	mg/kg	0.24		J	0.15	0.15	0.5		J	0.16	0.16	0.21		J	0.16	0.16
Silver	mg/kg	0.76	<	U	0.76	0.76	0.82	<	U	0.82	0.82	0.83	<	U	0.83	0.83
Strontium	mg/kg	8.3			7.6	7.6	22.3			8.2	8.2	8.3			8.3	8.3
Thallium	mg/kg	38	<	U	38	38	40.8	<	U	40.8	40.8	41.4	<	U	41.4	41.4
Zinc	mg/kg	15.7			0.76	0.76	34.7			0.82	0.82	14.9			0.83	0.83
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
1,2-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
1,3-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
1,4-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4,5-Trichlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4-Dichlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4-Dimethylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4-Dinitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2,6-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Chloronaphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Chlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Methylnaphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
3,3'-Dichlorobenzidine	mg/kg	.71	<	U	.71	.71	.72	<	U	.72	.72	.73	<	U	.73	.73
3-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
4-Chloro-3-methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW43					LHSMW44					LHSMW45				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW43					LHS-MW44					LHS-MW45				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	324			139	139	313			136	136	429			149	149
Selenium	mg/kg	0.27			0.14	0.14	0.48			0.26	0.26	0.51			0.14	0.14
Silver	mg/kg	2.8			0.7	0.7	0.68	<	U	0.68	0.68	0.97			0.74	0.74
Strontium	mg/kg	10.1			7	7	8.6			6.8	6.8	10.7			7.4	7.4
Thallium	mg/kg	34.8	<	U	34.8	34.8	34.1	<	U	34.1	34.1	37.2	<	U	37.2	37.2
Zinc	mg/kg	23.1			0.7	0.7	12.5			0.68	0.68	19.1			0.74	0.74
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
1,2-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
1,3-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
1,4-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4,5-Trichlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4-Dichlorophenol	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4-Dimethylphenol	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4-Dinitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
2,6-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Chloronaphthalene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Chlorophenol	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Methylnaphthalene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Methylphenol	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
3,3'-Dichlorobenzidine	mg/kg	.72	<	U	.72	.72	.7	<	U	.7	.7	.73	<	U	.73	.73
3-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Chloro-3-methylphenol	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW46					LHSMW47					LHSMW48				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW46					LHS-MW47					LHS-MW48				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	183			146	146	249			146	146	291			140	140
Selenium	mg/kg	0.35			0.15	0.15	0.33			0.13	0.13	0.21			0.14	0.14
Silver	mg/kg	0.73	<	U	0.73	0.73	0.73	<	U	0.73	0.73	0.7	<	U	0.7	0.7
Strontium	mg/kg	7.3	<	U	7.3	7.3	10.9			7.3	7.3	7	<	U	7	7
Thallium	mg/kg	36.6	<	U	36.6	36.6	36.5	<	U	36.5	36.5	35	<	U	35	35
Zinc	mg/kg	8.2			0.73	0.73	20.6			0.73	0.73	9.9			0.7	0.7
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
1,2-Dichlorobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
1,3-Dichlorobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
1,4-Dichlorobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2,4,5-Trichlorophenol	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2,4-Dichlorophenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2,4-Dimethylphenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2,4-Dinitrophenol	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2,6-Dinitrotoluene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2-Chloronaphthalene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2-Chlorophenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2-Methylnaphthalene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2-Methylphenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
3,3'-Dichlorobenzidine	mg/kg	.77	<	U	.77	.77	.73	<	U	.73	.73	.7	<	U	.7	.7
3-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
4-Chloro-3-methylphenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW49					LHSMW50					LHSMW50				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW49					LHS-MW50					LHS-MW50 QC				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	319			135	135	342			151	151	370			150	150
Selenium	mg/kg	0.27			0.14	0.14	0.39			0.3	0.3	370			0.14	0.14
Silver	mg/kg	0.67	<	U	0.67	0.67	0.76	<	U	0.76	0.76	0.75	<	U	0.75	0.75
Strontium	mg/kg	21.5			6.7	6.7	10.7			7.6	7.6	370			7.5	7.5
Thallium	mg/kg	33.6	<	U	33.6	33.6	37.8	<	U	37.8	37.8	37.6	<	U	37.6	37.6
Zinc	mg/kg	33.6			0.67	0.67	20.8			0.76	0.76	370			0.75	0.75
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
1,2-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
1,3-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
1,4-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
2,4,5-Trichlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9
2,4,6-Trichlorophenol	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
2,4-Dichlorophenol	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
2,4-Dimethylphenol	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
2,4-Dinitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9
2,4-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
2,6-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
2-Chloronaphthalene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
2-Chlorophenol	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
2-Methylnaphthalene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
2-Methylphenol	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
2-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9
2-Nitrophenol	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
3,3'-Dichlorobenzidine	mg/kg	.72	<	U	.72	.72	.75	<	U	.75	.75	.75	<	U	.75	.75
3-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9
4,6-Dinitro-2-methylphenol	mg/kg	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9
4-Bromophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
4-Chloro-3-methylphenol	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW51					LHSMW52					LHSMW53					
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area					
Sample No:		LHS-MW51					LHS-MW52					LHS-MW53					
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94					
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																	
Potassium	mg/kg	196			149	149	246			118	118	237			138	138
Selenium	mg/kg	0.23			0.13	0.13	0.34			0.13	0.13	0.29			0.13	0.13
Silver	mg/kg	0.74	<	U	0.74	0.74	0.59	<	U	0.59	0.59	0.69	<	U	0.69	0.69
Strontium	mg/kg	10.7			7.4	7.4	71.8			5.9	5.9	6.9	<	U	6.9	6.9
Thallium	mg/kg	37.2	<	U	37.2	37.2	29.6	<	U	29.6	29.6	34.4	<	U	34.4	34.4
Zinc	mg/kg	23.1			0.74	0.74	36.8			0.59	0.59	10.8			0.69	0.69
SEMIVOLATILES																	
1,2,4-Trichlorobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
1,2-Dichlorobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
1,3-Dichlorobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
1,4-Dichlorobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2,4,5-Trichlorophenol	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2,4-Dichlorophenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2,4-Dimethylphenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2,4-Dinitrophenol	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2,6-Dinitrotoluene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2-Chloronaphthalene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2-Chlorophenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2-Methylnaphthalene	mg/kg	.38	<	U	.38	.38	.23		J	.36	.36	.35	<	U	.35	.35
2-Methylphenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
2-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
3,3'-Dichlorobenzidine	mg/kg	.75	<	U	.75	.75	.72	<	U	.72	.72	.71	<	U	.71	.71
3-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
4-Chloro-3-methylphenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW54					LHSMW55					LHSMW56				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW54					LHS-MW55					LHS-MW56				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	307			150	150	231			143	143	263			132	132
Selenium	mg/kg	0.17			0.16	0.16	0.2			0.14	0.14	0.23			0.14	0.14
Silver	mg/kg	0.75	<	U	0.75	0.75	1.3			0.72	0.72	0.94			0.66	0.66
Strontium	mg/kg	8.4			7.5	7.5	7.2	<	U	7.2	7.2	7.6			6.6	6.6
Thallium	mg/kg	37.4	<	U	37.4	37.4	35.8	<	U	35.8	35.8	32.9	<	U	32.9	32.9
Zinc	mg/kg	19.7			0.75	0.75	21.4			0.72	0.72	23.2			0.66	0.66
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
1,2-Dichlorobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
1,3-Dichlorobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
1,4-Dichlorobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4,5-Trichlorophenol	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4-Dichlorophenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4-Dimethylphenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
2,4-Dinitrophenol	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
2,6-Dinitrotoluene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Chloronaphthalene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Chlorophenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Methylnaphthalene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Methylphenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
2-Nitroaniline	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
3,3'-Dichlorobenzidine	mg/kg	.8	<	U	.8	.8	.72	<	U	.72	.72	.71	<	U	.71	.71
3-Nitroaniline	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
4-Chloro-3-methylphenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW57					LHSMW58					LHSMW59				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW57					LHS-MW58					LHS-MW59				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	164			150	150	269			169	169	199			124	124
Selenium	mg/kg	0.14	<	U	0.14	0.14	0.21			0.14	0.14	0.22			0.14	0.14
Silver	mg/kg	2			0.75	0.75	0.85	<	U	0.85	0.85	0.62	<	U	0.62	0.62
Strontium	mg/kg	7.5	<	U	7.5	7.5	9			8.5	8.5	6.2	<	U	6.2	6.2
Thallium	mg/kg	37.4	<	U	37.4	37.4	42.3	<	U	42.3	42.3	30.9	<	U	30.9	30.9
Zinc	mg/kg	23.2			0.75	0.75	21			0.85	0.85	11.8			0.62	0.62
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
1,2-Dichlorobenzene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
1,3-Dichlorobenzene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
1,4-Dichlorobenzene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
2,4,5-Trichlorophenol	mg/kg	1.9	<	U	1.9	1.9	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9
2,4,6-Trichlorophenol	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
2,4-Dichlorophenol	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
2,4-Dimethylphenol	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
2,4-Dinitrophenol	mg/kg	1.9	<	U	1.9	1.9	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9
2,4-Dinitrotoluene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
2,6-Dinitrotoluene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
2-Chloronaphthalene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
2-Chlorophenol	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
2-Methylnaphthalene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
2-Methylphenol	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
2-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9
2-Nitrophenol	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
3,3'-Dichlorobenzidine	mg/kg	.75	<	U	.75	.75	.84	<	U	.84	.84	.75	<	U	.75	.75
3-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9
4,6-Dinitro-2-methylphenol	mg/kg	1.9	<	U	1.9	1.9	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9
4-Bromophenyl phenyl ether	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
4-Chloro-3-methylphenol	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38

Location Code:		LHSMW60					LHSMW60					LHSMW61				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW60					LHS-MW60 QC					LHS-MW61				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	164			148	148	370			141	141	535			132	132
Selenium	mg/kg	0.17			0.15	0.15	370			0.14	0.14	0.19			0.14	0.14
Silver	mg/kg	0.74	<	U	0.74	0.74	0.71	<	U	0.71	0.71	0.66	<	U	0.66	0.66
Strontium	mg/kg	7.4	<	U	7.4	7.4	7.1	<	U	7.1	7.1	7.2			6.6	6.6
Thallium	mg/kg	37	<	U	37	37	35.3	<	U	35.3	35.3	33	<	U	33	33
Zinc	mg/kg	13.9			0.74	0.74	370			0.71	0.71	12.1			0.66	0.66
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
1,2-Dichlorobenzene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
1,3-Dichlorobenzene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
1,4-Dichlorobenzene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
2,4,5-Trichlorophenol	mg/kg	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
2,4-Dichlorophenol	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
2,4-Dimethylphenol	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
2,4-Dinitrophenol	mg/kg	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
2,6-Dinitrotoluene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
2-Chloronaphthalene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
2-Chlorophenol	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
2-Methylnaphthalene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
2-Methylphenol	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
2-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
3,3'-Dichlorobenzidine	mg/kg	.75	<	U	.75	.75	.75	<	U	.75	.75	.71	<	U	.71	.71
3-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
4-Chloro-3-methylphenol	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW62					LHSMW63					LHSMW64				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW62					LHS-MW63					LHS-MW64				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	884			149	149	541			143	143	372			124	124
Selenium	mg/kg	0.52			0.31	0.31	0.55			0.28	0.28	0.49			0.14	0.14
Silver	mg/kg	0.75	<	U	0.75	0.75	0.72	<	U	0.72	0.72	0.74			0.62	0.62
Strontium	mg/kg	20.1			7.5	7.5	12.9			7.2	7.2	6.7			6.2	6.2
Thallium	mg/kg	37.3	<	U	37.3	37.3	35.8	<	U	35.8	35.8	31.1	<	U	31.1	31.1
Zinc	mg/kg	44.1			0.75	0.75	35.6			0.72	0.72	188			0.62	0.62
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
1,2-Dichlorobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
1,3-Dichlorobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
1,4-Dichlorobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
2,4,5-Trichlorophenol	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9
2,4,6-Trichlorophenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
2,4-Dichlorophenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
2,4-Dimethylphenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
2,4-Dinitrophenol	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9
2,4-Dinitrotoluene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
2,6-Dinitrotoluene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
2-Chloronaphthalene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
2-Chlorophenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
2-Methylnaphthalene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
2-Methylphenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
2-Nitroaniline	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9
2-Nitrophenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
3,3'-Dichlorobenzidine	mg/kg	.79	<	U	.79	.79	.73	<	U	.73	.73	.77	<	U	.77	.77
3-Nitroaniline	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9
4,6-Dinitro-2-methylphenol	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9
4-Bromophenyl phenyl ether	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
4-Chloro-3-methylphenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW65					LHSMW66					LHSMW67				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW65					LHS-MW66					LHS-MW67				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	334			135	135	536			134	134	1030			143	143
Selenium	mg/kg	0.22			0.14	0.14	0.2			0.13	0.13	0.42			0.14	0.14
Silver	mg/kg	0.68	<	U	0.68	0.68	0.67	<	U	0.67	0.67	0.81			0.72	0.72
Strontium	mg/kg	6.8	<	U	6.8	6.8	6.7	<	U	6.7	6.7	15.8			7.2	7.2
Thallium	mg/kg	33.8	<	U	33.8	33.8	33.6	<	U	33.6	33.6	35.8	<	U	35.8	35.8
Zinc	mg/kg	14.7			0.68	0.68	16.4			0.67	0.67	44.7			0.72	0.72
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
1,2-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
1,3-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
1,4-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2,4,5-Trichlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2,4-Dichlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2,4-Dimethylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2,4-Dinitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2,6-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2-Chloronaphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2-Chlorophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2-Methylnaphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2-Methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
2-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
3,3'-Dichlorobenzidine	mg/kg	.72	<	U	.72	.72	.72	<	U	.72	.72	.74	<	U	.74	.74
3-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
4-Chloro-3-methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW68					LHSMW69					LHSMW70				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW68					LHS-MW69					LHS-MW70				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Potassium	mg/kg	641			125	125	381			132	132	569			125	125
Selenium	mg/kg	0.16			0.12	0.12	0.66			0.27	0.27	0.39			0.13	0.13
Silver	mg/kg	0.62	<	U	0.62	0.62	1.8			0.66	0.66	1			0.62	0.62
Strontium	mg/kg	12.6			6.2	6.2	9.7			6.6	6.6	13.2			6.2	6.2
Thallium	mg/kg	31.2	<	U	31.2	31.2	32.9	<	U	32.9	32.9	31.2	<	U	31.2	31.2
Zinc	mg/kg	33			0.62	0.62	20.4			0.66	0.66	39.1			0.62	0.62
SEMIVOLATILES																
1,2,4-Trichlorobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
1,2-Dichlorobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
1,3-Dichlorobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
1,4-Dichlorobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4,5-Trichlorophenol	mg/kg	1.7	<	U	1.7	1.7	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4,6-Trichlorophenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4-Dichlorophenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4-Dimethylphenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2,4-Dinitrophenol	mg/kg	1.7	<	U	1.7	1.7	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2,4-Dinitrotoluene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2,6-Dinitrotoluene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Chloronaphthalene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Chlorophenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Methylnaphthalene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Methylphenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
2-Nitroaniline	mg/kg	1.7	<	U	1.7	1.7	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
2-Nitrophenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
3,3'-Dichlorobenzidine	mg/kg	.7	<	U	.7	.7	.7	<	U	.7	.7	.72	<	U	.72	.72
3-Nitroaniline	mg/kg	1.7	<	U	1.7	1.7	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4,6-Dinitro-2-methylphenol	mg/kg	1.7	<	U	1.7	1.7	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Bromophenyl phenyl ether	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Chloro-3-methylphenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36

	Location Code:	LHSMW70					LHSMW71				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW70 QC					LHS-MW71				
	Sample Date:	05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS											
Potassium	mg/kg	615			139	139	289			123	123
Selenium	mg/kg	0.41			0.12	0.12	0.8			0.52	0.52
Silver	mg/kg	1.1			0.69	0.69	1.5			0.61	0.61
Strontium	mg/kg	13.7			6.9	6.9	6.1	<	U	6.1	6.1
Thallium	mg/kg	34.7	<	U	34.7	34.7	30.7	<	U	30.7	30.7
Zinc	mg/kg	34.1			0.69	0.69	22.4			0.61	0.61
SEMIVOLATILES											
1,2,4-Trichlorobenzene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
1,2-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
1,3-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
1,4-Dichlorobenzene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
2,4,5-Trichlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.7	<	U	1.7	1.7
2,4,6-Trichlorophenol	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
2,4-Dichlorophenol	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
2,4-Dimethylphenol	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
2,4-Dinitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.7	<	U	1.7	1.7
2,4-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
2,6-Dinitrotoluene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
2-Chloronaphthalene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
2-Chlorophenol	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
2-Methylnaphthalene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
2-Methylphenol	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
2-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.7	<	U	1.7	1.7
2-Nitrophenol	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
3,3'-Dichlorobenzidine	mg/kg	.71	<	U	.71	.71	.69	<	U	.69	.69
3-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.7	<	U	1.7	1.7
4,6-Dinitro-2-methylphenol	mg/kg	1.8	<	U	1.8	1.8	1.7	<	U	1.7	1.7
4-Bromophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
4-Chloro-3-methylphenol	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34

User Test Group																				
Location Code:		LHSMW30					LHSMW30					LHSMW31				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW30					LHS-MW30 QC					LHS-MW31				
Sample Date:		03-OCT-94					03-OCT-94					04-OCT-94				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
4-Chlorophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
4-Methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
4-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Nitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Acenaphthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Acenaphthylene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzo(a)anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzo(a)pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzo(b)fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.047		J	.36	.36
Benzo(ghi)perylene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzo(k)fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzoic Acid	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Benzyl Alcohol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Butyl benzyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Chrysene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Dibenzo(a,h)anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Dibenzofuran	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Diethyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Dimethyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Fluorene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Hexachlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Hexachlorobutadiene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Hexachlorocyclopentadiene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Hexachloroethane	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Indeno(1,2,3-cd)pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Isophorone	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Naphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW32					LHSMW33					LHSMW34				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW32					LHS-MW33					LHS-MW34				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
4-Chlorophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
4-Methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
4-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Nitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Acenaphthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Acenaphthylene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzo(a)anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzo(a)pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzo(b)fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzo(ghi)perylene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzo(k)fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzoic Acid	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Benzyl Alcohol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Butyl benzyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.38			.37	.37
Chrysene	mg/kg	.049		J	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Dibenzo(a,h)anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Dibenzofuran	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Diethyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.09		J	.37	.37
Dimethyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Fluorene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Hexachlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Hexachlorobutadiene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Hexachlorocyclopentadiene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Hexachloroethane	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Indeno(1,2,3-cd)pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Isophorone	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Naphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37

	Location Code:	LHSMW35					LHSMW36					LHSMW37				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW35					LHS-MW36					LHS-MW37				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
4-Chlorophenyl phenyl ether	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
4-Methylphenol	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
4-Nitroaniline	mg/kg	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9	1.7	<	U	1.7	1.7
4-Nitrophenol	mg/kg	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9	1.7	<	U	1.7	1.7
Acenaphthene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Acenaphthylene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Anthracene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Benzo(a)anthracene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Benzo(a)pyrene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Benzo(b)fluoranthene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Benzo(ghi)perylene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Benzo(k)fluoranthene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Benzoic Acid	mg/kg	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9	1.7	<	U	1.7	1.7
Benzyl Alcohol	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Butyl benzyl phthalate	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Chrysene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Dibenzo(a,h)anthracene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Dibenzofuran	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Diethyl phthalate	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Dimethyl phthalate	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Fluoranthene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Fluorene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Hexachlorobenzene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Hexachlorobutadiene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Hexachlorocyclopentadiene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Hexachloroethane	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Indeno(1,2,3-cd)pyrene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Isophorone	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Naphthalene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW38					LHSMW39					LHSMW40				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW38					LHS-MW39					LHS-MW40				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Chlorophenyl phenyl ether	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Methylphenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Nitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Acenaphthene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Acenaphthylene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Anthracene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(a)anthracene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(a)pyrene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(b)fluoranthene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(ghi)perylene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(k)fluoranthene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzoic Acid	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Benzyl Alcohol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Butyl benzyl phthalate	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Chrysene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Dibenzo(a,h)anthracene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Dibenzofuran	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Diethyl phthalate	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Dimethyl phthalate	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Fluoranthene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Fluorene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachlorobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachlorobutadiene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachlorocyclopentadiene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachloroethane	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Indeno(1,2,3-cd)pyrene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Isophorone	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Naphthalene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW40					LHSMW41					LHSMW42								
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area								
Sample No:		LHS-MW40 QC					LHS-MW41					LHS-MW42								
Sample Date:		04-OCT-94					04-OCT-94					04-OCT-94								
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
4-Chloroaniline	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
4-Chlorophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
4-Methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
4-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8				
4-Nitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8				
Acenaphthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Acenaphthylene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Benzo(a)anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Benzo(a)pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Benzo(b)fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Benzo(ghi)perylene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Benzo(k)fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Benzoic Acid	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8				
Benzyl Alcohol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Butyl benzyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Chrysene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Dibenzo(a,h)anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Dibenzofuran	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Diethyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Dimethyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Fluorene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Hexachlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Hexachlorobutadiene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Hexachlorocyclopentadiene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Hexachloroethane	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Indeno(1,2,3-cd)pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Isophorone	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				
Naphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36				

	Location Code:	LHSMW43					LHSMW44					LHSMW45				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW43					LHS-MW44					LHS-MW45				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Chlorophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Methylphenol	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Nitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Acenaphthene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Acenaphthylene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Anthracene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(a)anthracene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(a)pyrene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(b)fluoranthene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(ghi)perylene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(k)fluoranthene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzoic Acid	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Benzyl Alcohol	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Butyl benzyl phthalate	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Chrysene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Dibenzo(a,h)anthracene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Dibenzofuran	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Diethyl phthalate	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Dimethyl phthalate	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Fluoranthene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Fluorene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachlorobenzene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachlorobutadiene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachlorocyclopentadiene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachloroethane	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Indeno(1,2,3-cd)pyrene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Isophorone	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Naphthalene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW46					LHSMW47					LHSMW48				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW46					LHS-MW47					LHS-MW48				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
4-Chlorophenyl phenyl ether	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
4-Methylphenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
4-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Nitrophenol	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Acenaphthene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Acenaphthylene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Anthracene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzo(a)anthracene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzo(a)pyrene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzo(b)fluoranthene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzo(ghi)perylene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzo(k)fluoranthene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzoic Acid	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Benzyl Alcohol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Butyl benzyl phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Chrysene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Dibenzo(a,h)anthracene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Dibenzofuran	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Diethyl phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Dimethyl phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Fluoranthene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Fluorene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Hexachlorobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Hexachlorobutadiene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Hexachlorocyclopentadiene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Hexachloroethane	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Indeno(1,2,3-cd)pyrene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Isophorone	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Naphthalene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35

	Location Code:	LHSMW49					LHSMW50					LHSMW50				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW49					LHS-MW50					LHS-MW50 QC				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
4-Chlorophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
4-Methylphenol	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
4-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9
4-Nitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9
Acenaphthene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Acenaphthylene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Anthracene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Benzo(a)anthracene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Benzo(a)pyrene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Benzo(b)fluoranthene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37		J	.37	.37
Benzo(ghi)perylene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Benzo(k)fluoranthene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Benzoic Acid	mg/kg	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9
Benzyl Alcohol	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Butyl benzyl phthalate	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Chrysene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Dibenzo(a,h)anthracene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Dibenzofuran	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Diethyl phthalate	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Dimethyl phthalate	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Fluoranthene	mg/kg	.36	<	U	.36	.36	.086		J	.37	.37	.37	<	U	.37	.37
Fluorene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Hexachlorobenzene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Hexachlorobutadiene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Hexachlorocyclopentadiene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Hexachloroethane	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Indeno(1,2,3-cd)pyrene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Isophorone	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Naphthalene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW51					LHSMW52					LHSMW53				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW51					LHS-MW52					LHS-MW53				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
4-Chlorophenyl phenyl ether	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
4-Methylphenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
4-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Nitrophenol	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Acenaphthene	mg/kg	.38	<	U	.38	.38	.36		J	.36	.36	.35	<	U	.35	.35
Acenaphthylene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Anthracene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzo(a)anthracene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzo(a)pyrene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzo(b)fluoranthene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzo(ghi)perylene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzo(k)fluoranthene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Benzoic Acid	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Benzyl Alcohol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Butyl benzyl phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Chrysene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Dibenzo(a,h)anthracene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Dibenzofuran	mg/kg	.38	<	U	.38	.38	.59			.36	.36	.35	<	U	.35	.35
Diethyl phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Dimethyl phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Fluoranthene	mg/kg	.38	<	U	.38	.38	3.1			.36	.36	.35	<	U	.35	.35
Fluorene	mg/kg	.38	<	U	.38	.38	.13		J	.36	.36	.35	<	U	.35	.35
Hexachlorobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Hexachlorobutadiene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Hexachlorocyclopentadiene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Hexachloroethane	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Indeno(1,2,3-cd)pyrene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Isophorone	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Naphthalene	mg/kg	.38	<	U	.38	.38	.47			.36	.36	.35	<	U	.35	.35

	Location Code:	LHSMW54					LHSMW55					LHSMW56				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW54					LHS-MW55					LHS-MW56				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
4-Chlorophenyl phenyl ether	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
4-Methylphenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
4-Nitroaniline	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Nitrophenol	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Acenaphthene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Acenaphthylene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Anthracene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzo(a)anthracene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzo(a)pyrene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzo(b)fluoranthene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzo(ghi)perylene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzo(k)fluoranthene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Benzoic Acid	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Benzyl Alcohol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Butyl benzyl phthalate	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Chrysene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Dibenzo(a,h)anthracene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Dibenzofuran	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Diethyl phthalate	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Dimethyl phthalate	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Fluoranthene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Fluorene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Hexachlorobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Hexachlorobutadiene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Hexachlorocyclopentadiene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Hexachloroethane	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Indeno(1,2,3-cd)pyrene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Isophorone	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Naphthalene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36

Location Code:		LHSMW57					LHSMW58					LHSMW59				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW57					LHS-MW58					LHS-MW59				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
4-Chlorophenyl phenyl ether	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
4-Methylphenol	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
4-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9
4-Nitrophenol	mg/kg	1.9	<	U	1.9	1.9	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9
Acenaphthene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Acenaphthylene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Anthracene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Benzo(a)anthracene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Benzo(a)pyrene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Benzo(b)fluoranthene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Benzo(ghi)perylene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Benzo(k)fluoranthene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Benzoic Acid	mg/kg	1.9	<	U	1.9	1.9	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9
Benzyl Alcohol	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Butyl benzyl phthalate	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Chrysene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Dibenzo(a,h)anthracene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Dibenzofuran	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Diethyl phthalate	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Dimethyl phthalate	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Fluoranthene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Fluorene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Hexachlorobenzene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Hexachlorobutadiene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Hexachlorocyclopentadiene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Hexachloroethane	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Indeno(1,2,3-cd)pyrene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Isophorone	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Naphthalene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38

	Location Code:	LHSMW60					LHSMW60					LHSMW61				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW60					LHS-MW60 QC					LHS-MW61				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
4-Chlorophenyl phenyl ether	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
4-Methylphenol	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
4-Nitroaniline	mg/kg	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8
4-Nitrophenol	mg/kg	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8
Acenaphthene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Acenaphthylene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Anthracene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Benzo(a)anthracene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Benzo(a)pyrene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Benzo(b)fluoranthene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.071		J	.35	.35
Benzo(ghi)perylene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Benzo(k)fluoranthene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Benzoic Acid	mg/kg	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8
Benzyl Alcohol	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Butyl benzyl phthalate	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Chrysene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Dibenzo(a,h)anthracene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Dibenzofuran	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Diethyl phthalate	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Dimethyl phthalate	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Fluoranthene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Fluorene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Hexachlorobenzene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Hexachlorobutadiene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Hexachlorocyclopentadiene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Hexachloroethane	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Indeno(1,2,3-cd)pyrene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Isophorone	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Naphthalene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35

	Location Code:	LHSMW62					LHSMW63					LHSMW64				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW62					LHS-MW63					LHS-MW64				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
4-Chlorophenyl phenyl ether	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
4-Methylphenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
4-Nitroaniline	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9
4-Nitrophenol	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9
Acenaphthene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Acenaphthylene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Anthracene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Benzo(a)anthracene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Benzo(a)pyrene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Benzo(b)fluoranthene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Benzo(ghi)perylene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Benzo(k)fluoranthene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Benzoic Acid	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9
Benzyl Alcohol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Butyl benzyl phthalate	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Chrysene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Dibenzo(a,h)anthracene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Dibenzofuran	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Diethyl phthalate	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Dimethyl phthalate	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Fluoranthene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Fluorene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Hexachlorobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Hexachlorobutadiene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Hexachlorocyclopentadiene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Hexachloroethane	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Indeno(1,2,3-cd)pyrene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Isophorone	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Naphthalene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39

	Location Code:	LHSMW65					LHSMW66					LHSMW67				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW65					LHS-MW66					LHS-MW67				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
4-Chlorophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
4-Methylphenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
4-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Nitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Acenaphthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Acenaphthylene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzo(a)anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzo(a)pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzo(b)fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzo(ghi)perylene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzo(k)fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Benzoic Acid	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Benzyl Alcohol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Butyl benzyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Chrysene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Dibenzo(a,h)anthracene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Dibenzofuran	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Diethyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Dimethyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Fluoranthene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.074		J	.37	.37
Fluorene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Hexachlorobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Hexachlorobutadiene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Hexachlorocyclopentadiene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Hexachloroethane	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Indeno(1,2,3-cd)pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Isophorone	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Naphthalene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37

	Location Code:	LHSMW68					LHSMW69					LHSMW70				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW68					LHS-MW69					LHS-MW70				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
4-Chloroaniline	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Chlorophenyl phenyl ether	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Methylphenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
4-Nitroaniline	mg/kg	1.7	<	U	1.7	1.7	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
4-Nitrophenol	mg/kg	1.7	<	U	1.7	1.7	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Acenaphthene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Acenaphthylene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Anthracene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(a)anthracene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(a)pyrene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(b)fluoranthene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(ghi)perylene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzo(k)fluoranthene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Benzoic Acid	mg/kg	1.7	<	U	1.7	1.7	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Benzyl Alcohol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Butyl benzyl phthalate	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Chrysene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Dibenzo(a,h)anthracene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Dibenzofuran	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Diethyl phthalate	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Dimethyl phthalate	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Fluoranthene	mg/kg	.054		J	.35	.35	.35	<	U	.35	.35	.039		J	.36	.36
Fluorene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachlorobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachlorobutadiene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachlorocyclopentadiene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Hexachloroethane	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Indeno(1,2,3-cd)pyrene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Isophorone	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Naphthalene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36

Location Code:		LHSMW70					LHSMW71						
Associated Site:		Industrial Sub-Area					Industrial Sub-Area						
Sample No:		LHS-MW70 QC					LHS-MW71						
Sample Date:		05-OCT-94					05-OCT-94						
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5						
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*		
SEMIVOLATILES													
4-Chloroaniline	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
4-Chlorophenyl phenyl ether	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
4-Methylphenol	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
4-Nitroaniline	mg/kg	1.8	<	U	1.8	1.8	1.7	<	U	1.7	1.7		
4-Nitrophenol	mg/kg	1.8	<	U	1.8	1.8	1.7	<	U	1.7	1.7		
Acenaphthene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Acenaphthylene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Anthracene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Benzo(a)anthracene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Benzo(a)pyrene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Benzo(b)fluoranthene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Benzo(ghi)perylene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Benzo(k)fluoranthene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Benzoic Acid	mg/kg	.036		J	1.8	1.8	1.7	<	U	1.7	1.7		
Benzyl Alcohol	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Butyl benzyl phthalate	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Chrysene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Dibenzo(a,h)anthracene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Dibenzofuran	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Diethyl phthalate	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Dimethyl phthalate	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Fluoranthene	mg/kg	.068		J	.36	.36	.34	<	U	.34	.34		
Fluorene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Hexachlorobenzene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Hexachlorobutadiene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Hexachlorocyclopentadiene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Hexachloroethane	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Indeno(1,2,3-cd)pyrene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Isophorone	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		
Naphthalene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34		

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW30					LHSMW30					LHSMW31				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW30					LHS-MW30 QC					LHS-MW31				
	Sample Date:	03-OCT-94					03-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Pentachlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Phenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Chloroethoxy)methane	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Chloroethyl)ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Chloroisopropyl)ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Ethylhexyl)phthalate	mg/kg	.36	<	U	.36	.36	.046		J	.36	.36	.085		J	.36	.36
di-n-Butyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
di-n-Octyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
n-Nitroso-di-n-propylamine	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
n-Nitrosodiphenylamine	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.022	<	U	.022	.022
1,2-Dibromoethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.022	<	U	.022	.022
1,2-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloropropane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
2-Butanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW32					LHSMW33					LHSMW34				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW32					LHS-MW33					LHS-MW34				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Pentachlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Phenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
bis(2-Chloroethoxy)methane	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
bis(2-Chloroethyl)ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
bis(2-Chloroisopropyl)ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
bis(2-Ethylhexyl)phthalate	mg/kg	.22		J	.36	.36	.09		J	.36	.36	.37	<	U	.37	.37
di-n-Butyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
di-n-Octyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
n-Nitroso-di-n-propylamine	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
n-Nitrosodiphenylamine	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.023	<	U	.023	.023
1,2-Dibromoethane	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.023	<	U	.023	.023
1,2-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloropropane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
2-Butanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW35					LHSMW36					LHSMW37				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW35					LHS-MW36					LHS-MW37				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Pentachlorophenol	mg/kg	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9	1.7	<	U	1.7	1.7
Phenanthrene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Phenol	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
Pyrene	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
bis(2-Chloroethoxy)methane	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
bis(2-Chloroethyl)ether	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
bis(2-Chloroisopropyl)ether	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
bis(2-Ethylhexyl)phthalate	mg/kg	.16		J	.42	.42	.38	<	U	.38	.38	.11		J	.34	.34
di-n-Butyl phthalate	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
di-n-Octyl phthalate	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
n-Nitroso-di-n-propylamine	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
n-Nitrosodiphenylamine	mg/kg	.42	<	U	.42	.42	.38	<	U	.38	.38	.34	<	U	.34	.34
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,2,3-Trichloropropane	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
1,2-Dibromo-3-chloropropane	mg/kg	.025	<	U	.025	.025	.023	<	U	.023	.023	.021	<	U	.021	.021
1,2-Dibromoethane	mg/kg	.025	<	U	.025	.025	.023	<	U	.023	.023	.021	<	U	.021	.021
1,2-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,2-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
2-Butanone	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
2-Chloroethyl vinyl ether	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
2-Hexanone	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01

	Location Code:	LHSMW38					LHSMW39					LHSMW40				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW38					LHS-MW39					LHS-MW40				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Pentachlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Phenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Pyrene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Chloroethoxy)methane	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Chloroethyl)ether	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Chloroisopropyl)ether	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Ethylhexyl)phthalate	mg/kg	.11		J	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
di-n-Butyl phthalate	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
di-n-Octyl phthalate	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
n-Nitroso-di-n-propylamine	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
n-Nitrosodiphenylamine	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
1,2-Dibromoethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
1,2-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2-Dichloropropane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
2-Butanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW40					LHSMW41					LHSMW42				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW40 QC					LHS-MW41					LHS-MW42				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Pentachlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Phenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
Pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Chloroethoxy)methane	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Chloroethyl)ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Chloroisopropyl)ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Ethylhexyl)phthalate	mg/kg	.087		J	.36	.36	.11		J	.36	.36	.049		J	.36	.36
di-n-Butyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
di-n-Octyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
n-Nitroso-di-n-propylamine	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
n-Nitrosodiphenylamine	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.36	<	U	.36	.36
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.021	<	U	.021	.021	.022	<	U	.022	.022	.022	<	U	.022	.022
1,2-Dibromoethane	mg/kg	.021	<	U	.021	.021	.022	<	U	.022	.022	.022	<	U	.022	.022
1,2-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloropropane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
2-Butanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW43					LHSMW44					LHSMW45				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW43					LHS-MW44					LHS-MW45				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Pentachlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Phenol	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
Pyrene	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Chloroethoxy)methane	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Chloroethyl)ether	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Chloroisopropyl)ether	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Ethylhexyl)phthalate	mg/kg	.36	<	U	.36	.36	.052		J	.35	.35	.047		J	.36	.36
di-n-Butyl phthalate	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
di-n-Octyl phthalate	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
n-Nitroso-di-n-propylamine	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
n-Nitrosodiphenylamine	mg/kg	.36	<	U	.36	.36	.35	<	U	.35	.35	.36	<	U	.36	.36
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.022	<	U	.022	.022	.021	<	U	.021	.021	.022	<	U	.022	.022
1,2-Dibromoethane	mg/kg	.022	<	U	.022	.022	.021	<	U	.021	.021	.022	<	U	.022	.022
1,2-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloropropane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
2-Butanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW46					LHSMW47					LHSMW48				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW46					LHS-MW47					LHS-MW48				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Pentachlorophenol	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Phenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Pyrene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
bis(2-Chloroethoxy)methane	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
bis(2-Chloroethyl)ether	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
bis(2-Chloroisopropyl)ether	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
bis(2-Ethylhexyl)phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
di-n-Butyl phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
di-n-Octyl phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
n-Nitroso-di-n-propylamine	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
n-Nitrosodiphenylamine	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,2,3-Trichloropropane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.021	<	U	.021	.021
1,2-Dibromoethane	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.021	<	U	.021	.021
1,2-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,2-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
2-Butanone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW49					LHSMW50					LHSMW50				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW49					LHS-MW50					LHS-MW50 QC				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Pentachlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9
Phenanthrene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Phenol	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
Pyrene	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
bis(2-Chloroethoxy)methane	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
bis(2-Chloroethyl)ether	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
bis(2-Chloroisopropyl)ether	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
bis(2-Ethylhexyl)phthalate	mg/kg	.04		J	.36	.36	.27		J	.37	.37	.37		J	.37	.37
di-n-Butyl phthalate	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
di-n-Octyl phthalate	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
n-Nitroso-di-n-propylamine	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
n-Nitrosodiphenylamine	mg/kg	.36	<	U	.36	.36	.37	<	U	.37	.37	.37	<	U	.37	.37
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,1-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,1-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.023	<	U	.023	.023
1,2-Dibromoethane	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.023	<	U	.023	.023
1,2-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,2-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
2-Butanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW51					LHSMW52					LHSMW53				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW51					LHS-MW52					LHS-MW53				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Pentachlorophenol	mg/kg	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.38	<	U	.38	.38	4.6			.36	.36	.35	<	U	.35	.35
Phenol	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
Pyrene	mg/kg	.38	<	U	.38	.38	1.6			.36	.36	.35	<	U	.35	.35
bis(2-Chloroethoxy)methane	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
bis(2-Chloroethyl)ether	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
bis(2-Chloroisopropyl)ether	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
bis(2-Ethylhexyl)phthalate	mg/kg	.12		J	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
di-n-Butyl phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
di-n-Octyl phthalate	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
n-Nitroso-di-n-propylamine	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
n-Nitrosodiphenylamine	mg/kg	.38	<	U	.38	.38	.36	<	U	.36	.36	.35	<	U	.35	.35
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1-Dichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1-Dichloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.022	<	U	.022	.022
1,2-Dibromoethane	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.022	<	U	.022	.022
1,2-Dichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2-Dichloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
2-Butanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW54					LHSMW55					LHSMW56				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW54					LHS-MW55					LHS-MW56				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Pentachlorophenol	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Phenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
Pyrene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Chloroethoxy)methane	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Chloroethyl)ether	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Chloroisopropyl)ether	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
bis(2-Ethylhexyl)phthalate	mg/kg	.32		J	.4	.4	.054		J	.36	.36	.036		J	.36	.36
di-n-Butyl phthalate	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
di-n-Octyl phthalate	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
n-Nitroso-di-n-propylamine	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
n-Nitrosodiphenylamine	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.36	<	U	.36	.36
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1-Dichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1-Dichloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2,3-Trichloropropane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.022	<	U	.022	.022
1,2-Dibromoethane	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.022	<	U	.022	.022
1,2-Dichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2-Dichloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
2-Butanone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW57					LHSMW58					LHSMW59				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW57					LHS-MW58					LHS-MW59				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Pentachlorophenol	mg/kg	1.9	<	U	1.9	1.9	2.1	<	U	2.1	2.1	1.9	<	U	1.9	1.9
Phenanthrene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Phenol	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
Pyrene	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
bis(2-Chloroethoxy)methane	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
bis(2-Chloroethyl)ether	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
bis(2-Chloroisopropyl)ether	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
bis(2-Ethylhexyl)phthalate	mg/kg	.37	<	U	.37	.37	.16		J	.42	.42	.049		J	.38	.38
di-n-Butyl phthalate	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
di-n-Octyl phthalate	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
n-Nitroso-di-n-propylamine	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
n-Nitrosodiphenylamine	mg/kg	.37	<	U	.37	.37	.42	<	U	.42	.42	.38	<	U	.38	.38
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,1-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,1-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.023	<	U	.023	.023	.026	<	U	.026	.026	.023	<	U	.023	.023
1,2-Dibromoethane	mg/kg	.023	<	U	.023	.023	.026	<	U	.026	.026	.023	<	U	.023	.023
1,2-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,2-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
2-Butanone	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
2-Hexanone	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW60					LHSMW60					LHSMW61				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW60					LHS-MW60 QC					LHS-MW61				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Pentachlorophenol	mg/kg	1.9	<	U	1.9	1.9	1.9	<	U	1.9	1.9	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Phenol	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
Pyrene	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
bis(2-Chloroethoxy)methane	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
bis(2-Chloroethyl)ether	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
bis(2-Chloroisopropyl)ether	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
bis(2-Ethylhexyl)phthalate	mg/kg	.89		J	.38	.38	.37		J	.37	.37	.042		J	.35	.35
di-n-Butyl phthalate	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
di-n-Octyl phthalate	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
n-Nitroso-di-n-propylamine	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
n-Nitrosodiphenylamine	mg/kg	.38	<	U	.38	.38	.37	<	U	.37	.37	.35	<	U	.35	.35
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,1-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.023	<	U	.023	.023	.023	<	U	.023	.023	.021	<	U	.021	.021
1,2-Dibromoethane	mg/kg	.023	<	U	.023	.023	.023	<	U	.023	.023	.021	<	U	.021	.021
1,2-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,2-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
1,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
2-Butanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW62					LHSMW63					LHSMW64				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW62					LHS-MW63					LHS-MW64				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Pentachlorophenol	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.9	<	U	1.9	1.9
Phenanthrene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Phenol	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
Pyrene	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
bis(2-Chloroethoxy)methane	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
bis(2-Chloroethyl)ether	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
bis(2-Chloroisopropyl)ether	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
bis(2-Ethylhexyl)phthalate	mg/kg	.45			.4	.4	.042		J	.36	.36	.045		J	.39	.39
di-n-Butyl phthalate	mg/kg	.4	<	U	.4	.4	.083		J	.36	.36	.077		J	.39	.39
di-n-Octyl phthalate	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
n-Nitroso-di-n-propylamine	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
n-Nitrosodiphenylamine	mg/kg	.4	<	U	.4	.4	.36	<	U	.36	.36	.39	<	U	.39	.39
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2,3-Trichloropropane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
1,2-Dibromo-3-chloropropane	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.023	<	U	.023	.023
1,2-Dibromoethane	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.023	<	U	.023	.023
1,2-Dichloroethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
2-Butanone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
2-Chloroethyl vinyl ether	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
2-Hexanone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW65					LHSMW66					LHSMW67				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW65					LHS-MW66					LHS-MW67				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Pentachlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.049		J	.37	.37
Phenol	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
Pyrene	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
bis(2-Chloroethoxy)methane	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
bis(2-Chloroethyl)ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
bis(2-Chloroisopropyl)ether	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
bis(2-Ethylhexyl)phthalate	mg/kg	.15		J	.36	.36	.08		J	.36	.36	.08		J	.37	.37
di-n-Butyl phthalate	mg/kg	.067		J	.36	.36	.36	<	U	.36	.36	.066		J	.37	.37
di-n-Octyl phthalate	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
n-Nitroso-di-n-propylamine	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
n-Nitrosodiphenylamine	mg/kg	.36	<	U	.36	.36	.36	<	U	.36	.36	.37	<	U	.37	.37
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,1-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.022	<	U	.022	.022
1,2-Dibromoethane	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.022	<	U	.022	.022
1,2-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
1,2-Dichloropropane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
2-Butanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
2-Hexanone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW68					LHSMW69					LHSMW70				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW68					LHS-MW69					LHS-MW70				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Pentachlorophenol	mg/kg	1.7	<	U	1.7	1.7	1.8	<	U	1.8	1.8	1.8	<	U	1.8	1.8
Phenanthrene	mg/kg	.041		J	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Phenol	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
Pyrene	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Chloroethoxy)methane	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Chloroethyl)ether	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Chloroisopropyl)ether	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
bis(2-Ethylhexyl)phthalate	mg/kg	.062		J	.35	.35	.036		J	.35	.35	.082		J	.36	.36
di-n-Butyl phthalate	mg/kg	.068		J	.35	.35	.066		J	.35	.35	.081		J	.36	.36
di-n-Octyl phthalate	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
n-Nitroso-di-n-propylamine	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
n-Nitrosodiphenylamine	mg/kg	.35	<	U	.35	.35	.35	<	U	.35	.35	.36	<	U	.36	.36
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2,3-Trichloropropane	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
1,2-Dibromo-3-chloropropane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
1,2-Dibromoethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
1,2-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2-Dichloropropane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
2-Butanone	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
2-Chloroethyl vinyl ether	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
2-Hexanone	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011

	Location Code:	LHSMW70					LHSMW71				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW70 QC					LHS-MW71				
	Sample Date:	05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES											
Nitrobenzene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
Pentachlorophenol	mg/kg	1.8	<	U	1.8	1.8	1.7	<	U	1.7	1.7
Phenanthrene	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
Phenol	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
Pyrene	mg/kg	.044		J	.36	.36	.34	<	U	.34	.34
bis(2-Chloroethoxy)methane	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
bis(2-Chloroethyl)ether	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
bis(2-Chloroisopropyl)ether	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
bis(2-Ethylhexyl)phthalate	mg/kg	.2		J	.36	.36	.34	<	U	.34	.34
di-n-Butyl phthalate	mg/kg	.077		J	.36	.36	.066		J	.34	.34
di-n-Octyl phthalate	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
n-Nitroso-di-n-propylamine	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
n-Nitrosodiphenylamine	mg/kg	.36	<	U	.36	.36	.34	<	U	.34	.34
VOLATILES											
1,1,1,2-Tetrachloroethane	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
1,1-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2,3-Trichloropropane	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
1,2-Dibromo-3-chloropropane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021
1,2-Dibromoethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021
1,2-Dichloroethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2-Dichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
1,2-Dichloropropane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
2-Butanone	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
2-Hexanone	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW30					LHSMW30					LHSMW31				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW30					LHS-MW30 QC					LHS-MW31				
	Sample Date:	03-OCT-94					03-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.54	<	U	.54	.54	.54	<	U	.54	.54	.55	<	U	.55	.55
Acetone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Acetonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromodichloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromoform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromomethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Carbon tetrachloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chlorobenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Dibromomethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.022	<	U	.022	.022
Dichlorodifluoromethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.022	<	U	.022	.022
Ethyl methacrylate	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.022	<	U	.022	.022
Ethylbenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.1	<	U	2.1	2.1	2.1	<	U	2.1	2.1	2.2	<	U	2.2	2.2
METHYL METHACRYLATE	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.022	<	U	.022	.022
Methacrylonitrile	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.022	<	U	.022	.022
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Pentachloroethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.022	<	U	.022	.022
Propionitrile	mg/kg	.054	<	U	.054	.054	.054	<	U	.054	.054	.055	<	U	.055	.055
Styrene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW32					LHSMW33					LHSMW34				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW32					LHS-MW33					LHS-MW34				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.54	<	U	.54	.54	.54	<	U	.54	.54	.56	<	U	.56	.56
Acetone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Acetonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromodichloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromoform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromomethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Carbon tetrachloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chlorobenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Dibromomethane	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.023	<	U	.023	.023
Dichlorodifluoromethane	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.023	<	U	.023	.023
Ethyl methacrylate	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.023	<	U	.023	.023
Ethylbenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.2	<	U	2.2	2.2	2.2	<	U	2.2	2.2	2.3	<	U	2.3	2.3
METHYL METHACRYLATE	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.023	<	U	.023	.023
Methacrylonitrile	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.023	<	U	.023	.023
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Pentachloroethane	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.023	<	U	.023	.023
Propionitrile	mg/kg	.054	<	U	.054	.054	.054	<	U	.054	.054	.056	<	U	.056	.056
Styrene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW35					LHSMW36					LHSMW37				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW35					LHS-MW36					LHS-MW37				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.64	<	U	.64	.64	.57	<	U	.57	.57	.52	<	U	.52	.52
Acetone	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
Acetonitrile	mg/kg	.13	<	U	.13	.13	.11	<	U	.11	.11	.1	<	U	.1	.1
Acrylonitrile	mg/kg	.13	<	U	.13	.13	.11	<	U	.11	.11	.1	<	U	.1	.1
Allyl chloride	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
Benzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Bromodichloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Bromoform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Bromomethane	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
Carbon disulfide	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Carbon tetrachloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Chlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Chloroethane	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
Chloroform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Chloromethane	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
Chloroprene	mg/kg	.13	<	U	.13	.13	.11	<	U	.11	.11	.1	<	U	.1	.1
Dibromochloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Dibromomethane	mg/kg	.025	<	U	.025	.025	.023	<	U	.023	.023	.021	<	U	.021	.021
Dichlorodifluoromethane	mg/kg	.025	<	U	.025	.025	.023	<	U	.023	.023	.021	<	U	.021	.021
Ethyl methacrylate	mg/kg	.025	<	U	.025	.025	.023	<	U	.023	.023	.021	<	U	.021	.021
Ethylbenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
IODOMETHANE	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
ISOBUTYL ALCOHOL	mg/kg	2.5	<	U	2.5	2.5	2.3	<	U	2.3	2.3	2.1	<	U	2.1	2.1
METHYL METHACRYLATE	mg/kg	.025	<	U	.025	.025	.023	<	U	.023	.023	.021	<	U	.021	.021
Methacrylonitrile	mg/kg	.025	<	U	.025	.025	.023	<	U	.023	.023	.021	<	U	.021	.021
Methyl isobutyl ketone	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
Methylene chloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Pentachloroethane	mg/kg	.025	<	U	.025	.025	.023	<	U	.023	.023	.021	<	U	.021	.021
Propionitrile	mg/kg	.064	<	U	.064	.064	.057	<	U	.057	.057	.052	<	U	.052	.052
Styrene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW38					LHSMW39					LHSMW40				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW38					LHS-MW39					LHS-MW40				
Sample Date:		04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.53	<	U	.53	.53	.54	<	U	.54	.54	.54	<	U	.54	.54
Acetone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Acetonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromodichloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromoform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromomethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Carbon tetrachloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Chlorobenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Chloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Chloromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Dibromomethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Dichlorodifluoromethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Ethyl methacrylate	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Ethylbenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.1	<	U	2.1	2.1	2.1	<	U	2.1	2.1	2.1	<	U	2.1	2.1
METHYL METHACRYLATE	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Methacrylonitrile	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Pentachloroethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Propionitrile	mg/kg	.053	<	U	.053	.053	.054	<	U	.054	.054	.054	<	U	.054	.054
Styrene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW40					LHSMW41					LHSMW42				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW40 QC					LHS-MW41					LHS-MW42				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.54	<	U	.54	.54	.54	<	U	.54	.54	.55	<	U	.55	.55
Acetone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Acetonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromodichloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromoform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromomethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Carbon tetrachloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chlorobenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Dibromomethane	mg/kg	.021	<	U	.021	.021	.022	<	U	.022	.022	.022	<	U	.022	.022
Dichlorodifluoromethane	mg/kg	.021	<	U	.021	.021	.022	<	U	.022	.022	.022	<	U	.022	.022
Ethyl methacrylate	mg/kg	.021	<	U	.021	.021	.022	<	U	.022	.022	.022	<	U	.022	.022
Ethylbenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.1	<	U	2.1	2.1	2.2	<	U	2.2	2.2	2.2	<	U	2.2	2.2
METHYL METHACRYLATE	mg/kg	.021	<	U	.021	.021	.022	<	U	.022	.022	.022	<	U	.022	.022
Methacrylonitrile	mg/kg	.021	<	U	.021	.021	.022	<	U	.022	.022	.022	<	U	.022	.022
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Pentachloroethane	mg/kg	.021	<	U	.021	.021	.022	<	U	.022	.022	.022	<	U	.022	.022
Propionitrile	mg/kg	.054	<	U	.054	.054	.054	<	U	.054	.054	.055	<	U	.055	.055
Styrene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW43					LHSMW44					LHSMW45				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW43					LHS-MW44					LHS-MW45				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.54	<	U	.54	.54	.53	<	U	.53	.53	.56	<	U	.56	.56
Acetone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Acetonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromodichloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromoform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromomethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Carbon tetrachloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chlorobenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Dibromomethane	mg/kg	.022	<	U	.022	.022	.021	<	U	.021	.021	.022	<	U	.022	.022
Dichlorodifluoromethane	mg/kg	.022	<	U	.022	.022	.021	<	U	.021	.021	.022	<	U	.022	.022
Ethyl methacrylate	mg/kg	.022	<	U	.022	.022	.021	<	U	.021	.021	.022	<	U	.022	.022
Ethylbenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.2	<	U	2.2	2.2	2.1	<	U	2.1	2.1	2.2	<	U	2.2	2.2
METHYL METHACRYLATE	mg/kg	.022	<	U	.022	.022	.021	<	U	.021	.021	.022	<	U	.022	.022
Methacrylonitrile	mg/kg	.022	<	U	.022	.022	.021	<	U	.021	.021	.022	<	U	.022	.022
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Pentachloroethane	mg/kg	.022	<	U	.022	.022	.021	<	U	.021	.021	.022	<	U	.022	.022
Propionitrile	mg/kg	.054	<	U	.054	.054	.053	<	U	.053	.053	.056	<	U	.056	.056
Styrene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006

	Location Code:	LHSMW46					LHSMW47					LHSMW48				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW46					LHS-MW47					LHS-MW48				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.58	<	U	.58	.58	.55	<	U	.55	.55	.53	<	U	.53	.53
Acetone	mg/kg	.28			.12	.12	.34			.022	.022	.46		B	.11	.11
Acetonitrile	mg/kg	.12	<	U	.12	.12	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.12	<	U	.12	.12	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Bromodichloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Bromoform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Bromomethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Carbon tetrachloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Chlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Chloroethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Chloromethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.12	<	U	.12	.12	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Dibromomethane	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.021	<	U	.021	.021
Dichlorodifluoromethane	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.021	<	U	.021	.021
Ethyl methacrylate	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.021	<	U	.021	.021
Ethylbenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
IODOMETHANE	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.3	<	U	2.3	2.3	2.2	<	U	2.2	2.2	2.1	<	U	2.1	2.1
METHYL METHACRYLATE	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.021	<	U	.021	.021
Methacrylonitrile	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.021	<	U	.021	.021
Methyl isobutyl ketone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Pentachloroethane	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.021	<	U	.021	.021
Propionitrile	mg/kg	.058	<	U	.058	.058	.055	<	U	.055	.055	.053	<	U	.053	.053
Styrene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW49					LHSMW50					LHSMW50				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW49					LHS-MW50					LHS-MW50 QC				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.55	<	U	.55	.55	.56	<	U	.56	.56	.56	<	U	.56	.56
Acetone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.37		B	.011	.011
Acetonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Bromodichloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Bromoform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Bromomethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Carbon tetrachloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Chlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Chloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Chloromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Dibromomethane	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.023	<	U	.023	.023
Dichlorodifluoromethane	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.023	<	U	.023	.023
Ethyl methacrylate	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.023	<	U	.023	.023
Ethylbenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.2	<	U	2.2	2.2	2.3	<	U	2.3	2.3	2.3	<	U	2.3	2.3
METHYL METHACRYLATE	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.023	<	U	.023	.023
Methacrylonitrile	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.023	<	U	.023	.023
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Pentachloroethane	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.023	<	U	.023	.023
Propionitrile	mg/kg	.055	<	U	.055	.055	.056	<	U	.056	.056	.056	<	U	.056	.056
Styrene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006

	Location Code:	LHSMW51					LHSMW52					LHSMW53				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW51					LHS-MW52					LHS-MW53				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.57	<	U	.57	.57	.54	<	U	.54	.54	.54	<	U	.54	.54
Acetone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.013		B	.011	.011
Acetonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromodichloromethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromoform	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromomethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Carbon tetrachloride	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Chlorobenzene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Chloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Chloromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Dibromomethane	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.022	<	U	.022	.022
Dichlorodifluoromethane	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.022	<	U	.022	.022
Ethyl methacrylate	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.022	<	U	.022	.022
Ethylbenzene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.3	<	U	2.3	2.3	2.2	<	U	2.2	2.2	2.2	<	U	2.2	2.2
METHYL METHACRYLATE	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.022	<	U	.022	.022
Methacrylonitrile	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.022	<	U	.022	.022
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Pentachloroethane	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.022	<	U	.022	.022
Propionitrile	mg/kg	.057	<	U	.057	.057	.054	<	U	.054	.054	.054	<	U	.054	.054
Styrene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005

	Location Code:	LHSMW54					LHSMW55					LHSMW56				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW54					LHS-MW55					LHS-MW56				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.6	<	U	.6	.6	.54	<	U	.54	.54	.54	<	U	.54	.54
Acetone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Acetonitrile	mg/kg	.12	<	U	.12	.12	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.12	<	U	.12	.12	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromodichloromethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromoform	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromomethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Carbon tetrachloride	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Chlorobenzene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Chloroethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Chloromethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.12	<	U	.12	.12	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Dibromomethane	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.022	<	U	.022	.022
Dichlorodifluoromethane	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.022	<	U	.022	.022
Ethyl methacrylate	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.022	<	U	.022	.022
Ethylbenzene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
IODOMETHANE	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.4	<	U	2.4	2.4	2.2	<	U	2.2	2.2	2.2	<	U	2.2	2.2
METHYL METHACRYLATE	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.022	<	U	.022	.022
Methacrylonitrile	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.022	<	U	.022	.022
Methyl isobutyl ketone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Pentachloroethane	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.022	<	U	.022	.022
Propionitrile	mg/kg	.06	<	U	.06	.06	.054	<	U	.054	.054	.054	<	U	.054	.054
Styrene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005

	Location Code:	LHSMW57					LHSMW58					LHSMW59					
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area					
	Sample No:	LHS-MW57					LHS-MW58					LHS-MW59					
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94					
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																	
2-Propenal	mg/kg	.57	<	U	.57	.57	.64	<	U	.64	.64	.57	<	U	.57	.57
Acetone	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
Acetonitrile	mg/kg	.11	<	U	.11	.11	.13	<	U	.13	.13	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.13	<	U	.13	.13	.11	<	U	.11	.11
Allyl chloride	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
Benzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Bromodichloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Bromoform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Bromomethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Carbon tetrachloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Chlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Chloroethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
Chloroform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Chloromethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
Chloroprene	mg/kg	.11	<	U	.11	.11	.13	<	U	.13	.13	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Dibromomethane	mg/kg	.023	<	U	.023	.023	.026	<	U	.026	.026	.023	<	U	.023	.023
Dichlorodifluoromethane	mg/kg	.023	<	U	.023	.023	.026	<	U	.026	.026	.023	<	U	.023	.023
Ethyl methacrylate	mg/kg	.023	<	U	.023	.023	.026	<	U	.026	.026	.023	<	U	.023	.023
Ethylbenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.3	<	U	2.3	2.3	2.6	<	U	2.6	2.6	2.3	<	U	2.3	2.3
METHYL METHACRYLATE	mg/kg	.023	<	U	.023	.023	.026	<	U	.026	.026	.023	<	U	.023	.023
Methacrylonitrile	mg/kg	.023	<	U	.023	.023	.026	<	U	.026	.026	.023	<	U	.023	.023
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
Methylene chloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Pentachloroethane	mg/kg	.023	<	U	.023	.023	.026	<	U	.026	.026	.023	<	U	.023	.023
Propionitrile	mg/kg	.057	<	U	.057	.057	.064	<	U	.064	.064	.057	<	U	.057	.057
Styrene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW60					LHSMW60					LHSMW61				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW60					LHS-MW60 QC					LHS-MW61				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.57	<	U	.57	.57	.57	<	U	.57	.57	.54	<	U	.54	.54
Acetone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Acetonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Bromodichloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Bromoform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Bromomethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Carbon tetrachloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Chlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Chloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Chloromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Dibromomethane	mg/kg	.023	<	U	.023	.023	.023	<	U	.023	.023	.021	<	U	.021	.021
Dichlorodifluoromethane	mg/kg	.023	<	U	.023	.023	.023	<	U	.023	.023	.021	<	U	.021	.021
Ethyl methacrylate	mg/kg	.023	<	U	.023	.023	.023	<	U	.023	.023	.021	<	U	.021	.021
Ethylbenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.3	<	U	2.3	2.3	2.3	<	U	2.3	2.3	2.1	<	U	2.1	2.1
METHYL METHACRYLATE	mg/kg	.023	<	U	.023	.023	.023	<	U	.023	.023	.021	<	U	.021	.021
Methacrylonitrile	mg/kg	.023	<	U	.023	.023	.023	<	U	.023	.023	.021	<	U	.021	.021
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Pentachloroethane	mg/kg	.023	<	U	.023	.023	.023	<	U	.023	.023	.021	<	U	.021	.021
Propionitrile	mg/kg	.057	<	U	.057	.057	.057	<	U	.057	.057	.054	<	U	.054	.054
Styrene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005

	Location Code:	LHSMW62					LHSMW63					LHSMW64				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW62					LHS-MW63					LHS-MW64				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.6	<	U	.6	.6	.54	<	U	.54	.54	.58	<	U	.58	.58
Acetone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
Acetonitrile	mg/kg	.12	<	U	.12	.12	.11	<	U	.11	.11	.12	<	U	.12	.12
Acrylonitrile	mg/kg	.12	<	U	.12	.12	.11	<	U	.11	.11	.12	<	U	.12	.12
Allyl chloride	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
Benzene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromodichloromethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromoform	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromomethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
Carbon disulfide	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Carbon tetrachloride	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Chlorobenzene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloroethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
Chloroform	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloromethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
Chloroprene	mg/kg	.12	<	U	.12	.12	.11	<	U	.11	.11	.12	<	U	.12	.12
Dibromochloromethane	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Dibromomethane	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.023	<	U	.023	.023
Dichlorodifluoromethane	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.023	<	U	.023	.023
Ethyl methacrylate	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.023	<	U	.023	.023
Ethylbenzene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
IODOMETHANE	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
ISOBUTYL ALCOHOL	mg/kg	2.4	<	U	2.4	2.4	2.2	<	U	2.2	2.2	2.3	<	U	2.3	2.3
METHYL METHACRYLATE	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.023	<	U	.023	.023
Methacrylonitrile	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.023	<	U	.023	.023
Methyl isobutyl ketone	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
Methylene chloride	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Pentachloroethane	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.023	<	U	.023	.023
Propionitrile	mg/kg	.06	<	U	.06	.06	.054	<	U	.054	.054	.058	<	U	.058	.058
Styrene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006

	Location Code:	LHSMW65					LHSMW66					LHSMW67				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW65					LHS-MW66					LHS-MW67				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.54	<	U	.54	.54	.54	<	U	.54	.54	.56	<	U	.56	.56
Acetone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Acetonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Allyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Benzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromodichloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromoform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Bromomethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Carbon tetrachloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chlorobenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloroethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Chloromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroprene	mg/kg	.11	<	U	.11	.11	.11	<	U	.11	.11	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Dibromomethane	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.022	<	U	.022	.022
Dichlorodifluoromethane	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.022	<	U	.022	.022
Ethyl methacrylate	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.022	<	U	.022	.022
Ethylbenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.2	<	U	2.2	2.2	2.2	<	U	2.2	2.2	2.2	<	U	2.2	2.2
METHYL METHACRYLATE	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.022	<	U	.022	.022
Methacrylonitrile	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.022	<	U	.022	.022
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Methylene chloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Pentachloroethane	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.022	<	U	.022	.022
Propionitrile	mg/kg	.054	<	U	.054	.054	.054	<	U	.054	.054	.056	<	U	.056	.056
Styrene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006

Location Code:		LHSMW68					LHSMW69					LHSMW70				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW68					LHS-MW69					LHS-MW70				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
2-Propenal	mg/kg	.52	<	U	.52	.52	.52	<	U	.52	.52	.54	<	U	.54	.54
Acetone	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.005		J	.011	.011
Acetonitrile	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.11	<	U	.11	.11
Acrylonitrile	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.11	<	U	.11	.11
Allyl chloride	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
Benzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromodichloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromoform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromomethane	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
Carbon disulfide	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Carbon tetrachloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Chlorobenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Chloroethane	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
Chloroform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Chloromethane	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
Chloroprene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.11	<	U	.11	.11
Dibromochloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Dibromomethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Dichlorodifluoromethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Ethyl methacrylate	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Ethylbenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
IODOMETHANE	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
ISOBUTYL ALCOHOL	mg/kg	2.1	<	U	2.1	2.1	2.1	<	U	2.1	2.1	2.1	<	U	2.1	2.1
METHYL METHACRYLATE	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Methacrylonitrile	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Methyl isobutyl ketone	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
Methylene chloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Pentachloroethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021
Propionitrile	mg/kg	.052	<	U	.052	.052	.052	<	U	.052	.052	.054	<	U	.054	.054
Styrene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005

	Location Code:	LHSMW70					LHSMW71					
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					
	Sample No:	LHS-MW70 QC					LHS-MW71					
	Sample Date:	05-OCT-94					05-OCT-94					
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES												
2-Propenal	mg/kg	.54	<	U	.54	.54	.52	<	U	.52	.52
Acetone	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
Acetonitrile	mg/kg	.11	<	U	.11	.11	.1	<	U	.1	.1
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.1	<	U	.1	.1
Allyl chloride	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
Benzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromodichloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromoform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromomethane	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
Carbon disulfide	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
Carbon tetrachloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
Chlorobenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
Chloroethane	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
Chloroform	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
Chloromethane	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
Chloroprene	mg/kg	.11	<	U	.11	.11	.1	<	U	.1	.1
Dibromochloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
Dibromomethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021
Dichlorodifluoromethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021
Ethyl methacrylate	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021
Ethylbenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
IODOMETHANE	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
ISOBUTYL ALCOHOL	mg/kg	2.1	<	U	2.1	2.1	2.1	<	U	2.1	2.1
METHYL METHACRYLATE	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021
Methacrylonitrile	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01
Methylene chloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005
Pentachloroethane	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021
Propionitrile	mg/kg	.054	<	U	.054	.054	.052	<	U	.052	.052
Styrene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW30					LHSMW30					LHSMW31				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW30					LHS-MW30 QC					LHS-MW31				
Sample Date:		03-OCT-94					03-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Toluene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,4-Dichloro-2-butene	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.022	<	U	.022	.022

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW32					LHSMW33					LHSMW34				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW32					LHS-MW33					LHS-MW34				
Sample Date:		04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Toluene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,4-Dichloro-2-butene	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.023	<	U	.023	.023

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW35					LHSMW36					LHSMW37				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW35					LHS-MW36					LHS-MW37				
Sample Date:		04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Toluene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Trichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Trichlorofluoromethane	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
Vinyl acetate	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
Vinyl chloride	mg/kg	.013	<	U	.013	.013	.011	<	U	.011	.011	.01	<	U	.01	.01
Xylenes, Total	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
trans-1,4-Dichloro-2-butene	mg/kg	.025	<	U	.025	.025	.023	<	U	.023	.023	.021	<	U	.021	.021

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW38					LHSMW39					LHSMW40				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW38					LHS-MW39					LHS-MW40				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Toluene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Trichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
trans-1,4-Dichloro-2-butene	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW40					LHSMW41					LHSMW42				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW40 QC					LHS-MW41					LHS-MW42				
	Sample Date:	04-OCT-94					04-OCT-94					04-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Toluene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,4-Dichloro-2-butene	mg/kg	.021	<	U	.021	.021	.022	<	U	.022	.022	.022	<	U	.022	.022

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW43					LHSMW44					LHSMW45				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW43					LHS-MW44					LHS-MW45				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Toluene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,4-Dichloro-2-butene	mg/kg	.022	<	U	.022	.022	.021	<	U	.021	.021	.022	<	U	.022	.022

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW46					LHSMW47					LHSMW48				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW46					LHS-MW47					LHS-MW48				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Toluene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Trichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Trichlorofluoromethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
trans-1,4-Dichloro-2-butene	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.021	<	U	.021	.021

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW49					LHSMW50					LHSMW50				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW49					LHS-MW50					LHS-MW50 QC				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Toluene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Trichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
trans-1,4-Dichloro-2-butene	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.023	<	U	.023	.023

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW51					LHSMW52					LHSMW53				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW51					LHS-MW52					LHS-MW53				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.003		J	.005	.005
Toluene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Trichloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
trans-1,4-Dichloro-2-butene	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022	.022	<	U	.022	.022

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW54					LHSMW55					LHSMW56				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW54					LHS-MW55					LHS-MW56				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Toluene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Trichloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
Trichlorofluoromethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.005	<	U	.005	.005
trans-1,4-Dichloro-2-butene	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.022	<	U	.022	.022

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW57					LHSMW58					LHSMW59				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW57					LHS-MW58					LHS-MW59				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Toluene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Trichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
trans-1,4-Dichloro-2-butene	mg/kg	.023	<	U	.023	.023	.026	<	U	.026	.026	.023	<	U	.023	.023

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW60					LHSMW60					LHSMW61				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW60					LHS-MW60 QC					LHS-MW61				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Toluene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Trichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.005	<	U	.005	.005
trans-1,4-Dichloro-2-butene	mg/kg	.023	<	U	.023	.023	.023	<	U	.023	.023	.021	<	U	.021	.021

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LHSMW62					LHSMW63					LHSMW64				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		LHS-MW62					LHS-MW63					LHS-MW64				
Sample Date:		05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Toluene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichloroethene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichlorofluoromethane	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
Vinyl acetate	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
Vinyl chloride	mg/kg	.012	<	U	.012	.012	.011	<	U	.011	.011	.012	<	U	.012	.012
Xylenes, Total	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,4-Dichloro-2-butene	mg/kg	.024	<	U	.024	.024	.022	<	U	.022	.022	.023	<	U	.023	.023

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW65					LHSMW66					LHSMW67				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW65					LHS-MW66					LHS-MW67				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Toluene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.006	<	U	.006	.006
trans-1,4-Dichloro-2-butene	mg/kg	.022	<	U	.022	.022	.022	<	U	.022	.022	.022	<	U	.022	.022

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW68					LHSMW69					LHSMW70				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	LHS-MW68					LHS-MW69					LHS-MW70				
	Sample Date:	05-OCT-94					05-OCT-94					05-OCT-94				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Tetrachloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Toluene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Trichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Trichlorofluoromethane	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
Vinyl acetate	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
Vinyl chloride	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.011	<	U	.011	.011
Xylenes, Total	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
trans-1,4-Dichloro-2-butene	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	.021	<	U	.021	.021

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LHSMW70					LHSMW71					
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					
	Sample No:	LHS-MW70 QC					LHS-MW71					
	Sample Date:	05-OCT-94					05-OCT-94					
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
VOLATILES												
Tetrachloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	
Toluene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	
Trichloroethene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01	
Vinyl acetate	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01	
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.01	<	U	.01	.01	
Xylenes, Total	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	
trans-1,4-Dichloro-2-butene	mg/kg	.021	<	U	.021	.021	.021	<	U	.021	.021	

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-GP150-SS					MAM-P2212-SS					MAM-P2237-SS				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-GP150-SS					MAM-P2212-SS					MAM-P2237-SS				
	Sample Date:	25-FEB-04					25-FEB-04					25-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg	13.43			2.5	0.548	6.478		J	2.5	0.335	27.776		J	2.5	0.303
1,2,3,4,6,7,8-HpCDD	ng/kg	91.138			2.5	0.588	44.069		J	2.5	0.46	261.206		J	2.5	0.617
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.765	2.5	U	U	2.5	0.467	1.812		J	2.5	0.424
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.958		J	2.5	0.444	0.571		J	2.5	0.126	1.595		J	2.5	0.254
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.963		J	2.5	0.345	0.474		J	2.5	0.121	1.017		J	2.5	0.31
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	2.691		J	2.5	0.392	1.393		J	2.5	0.112	5.429		J	2.5	0.224
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.345	2.5	U	U	2.5	0.121	0.755		J	2.5	0.31
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	2.089		J	2.5	0.401	1.223		J	2.5	0.114	3.974		J	2.5	0.229
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.442	2.5	U	U	2.5	0.155	2.5	U	U	2.5	0.398
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	2.5	U	U	2.5	0.296	2.5	U	U	2.5	0.155	2.5	U	U	2.5	0.182
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.188	2.5	U	U	2.5	0.112	2.5	U	U	2.5	0.134
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.385	2.5	U	U	2.5	0.135	1.19		J	2.5	0.347
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.19	2.5	U	U	2.5	0.113	2.5	U	U	2.5	0.135
2,3,7,8-TCDD	ng/kg	1	U	U	1	0.228	1	U	U	1	0.103	1	U	U	1	0.131
2,3,7,8-TCDF	ng/kg	1	U	U	1	0.195	1	U	U	1	0.107	1	U	U	1	0.099
Heptachlorodibenzo-p-dioxin	ng/kg	228.108			2.5	0.588	106.982			2.5	0.46	637.489			2.5	0.617
Heptachlorodibenzofuran	ng/kg	40.053			2.5	0.548	17.555			2.5	0.335	85.878			2.5	0.303
Hexachloridibenzo-p-dioxin	ng/kg	22.771			2.5	0.444	11.975			2.5	0.126	46.962			2.5	0.254
Hexachlorodibenzofuran	ng/kg	21.824			2.5	0.345	7.414			2.5	0.121	28.129			2.5	0.31
Octachlorodibenzo-p-dioxin	ng/kg	4900.664		J	5	1.705	2201.738		J	5	0.573	4287.842		J	5	0.635
Octachlorodibenzofuran	ng/kg	28.377			5	1.78	14.759		J	5	0.474	71.141		J	5	0.641
Pentachlorodibenzo-p-dioxin	ng/kg	2.5	U	U	2.5	0.296	2.5	U	U	2.5	0.155	1.033			2.5	0.182
Pentachlorodibenzofuran	ng/kg	9.708			2.5	0.19	1.293			2.5	0.113	7.688			2.5	0.135
Tetrachlorodibenzo-p-dioxin	ng/kg	1	U	U	1	0.228	1	U	U	1	0.103	1	U	U	1	0.131
Tetrachlorodibenzofuran, Total	ng/kg	1.13			1	0.195	0.28			1	0.107	0.677			1	0.099
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
1,3-Dinitrobenzene	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
2,4,6-Trinitrotoluene	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-P2268-SS					MAM-P2544-SS					MAM-P2571-SS				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-P2268-SS					MAM-P2544-SS					MAM-P2571-SS				
	Sample Date:	25-FEB-04					25-FEB-04					25-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg	4.573		J	2.5	0.421	1.126		J	2.5	0.261	6.6		J	2.5	0.258
1,2,3,4,6,7,8-HpCDD	ng/kg	50.297		J	2.5	0.651	22.878		J	2.5	0.381	53.747		J	2.5	0.323
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.588	2.5	U	U	2.5	0.364	2.5	U	U	2.5	0.36
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	2.5	U	U	2.5	0.433	2.5	U	U	2.5	0.179	0.346		J	2.5	0.209
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	0.405		J	2.5	0.217	2.5	U	U	2.5	0.136	2.5	U	U	2.5	0.121
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	1.187		J	2.5	0.383	2.5	U	UJ	2.5	0.158	1.186		J	2.5	0.185
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.217	2.5	U	U	2.5	0.136	2.5	U	U	2.5	0.121
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	1.367		J	2.5	0.391	2.5	U	UJ	2.5	0.162	0.885		J	2.5	0.189
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.278	2.5	U	U	2.5	0.174	2.5	U	U	2.5	0.155
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	2.5	U	U	2.5	0.314	2.5	U	U	2.5	0.229	2.5	U	U	2.5	0.226
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.23	2.5	U	U	2.5	0.129	2.5	U	U	2.5	0.126
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.242	2.5	U	U	2.5	0.151	2.5	U	U	2.5	0.135
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.231	2.5	U	U	2.5	0.13	2.5	U	U	2.5	0.127
2,3,7,8-TCDD	ng/kg	1	U	U	1	0.23	1	U	U	1	0.124	1	U	U	1	0.111
2,3,7,8-TCDF	ng/kg	1	U	U	1	0.249	1	U	U	1	0.134	1	U	U	1	0.501
Heptachlorodibenzo-p-dioxin	ng/kg	129.66			2.5	0.651	57.583			2.5	0.381	120.522			2.5	0.323
Heptachlorodibenzofuran	ng/kg	11.717			2.5	0.421	2.731			2.5	0.261	22.109			2.5	0.258
Hexachloridibenzo-p-dioxin	ng/kg	12.478			2.5	0.433	2.153			2.5	0.179	9.978			2.5	0.209
Hexachlorodibenzofuran	ng/kg	3.816			2.5	0.217	2.5	U	U	2.5	0.136	5.523			2.5	0.121
Octachlorodibenzo-p-dioxin	ng/kg	3493.139		JL	5	1.573	2720.497		J	5	0.362	2061.075		J	5	0.287
Octachlorodibenzofuran	ng/kg	11.213		J	5	1.242	2.618		J	5	0.444	18.753		J	5	0.423
Pentachlorodibenzo-p-dioxin	ng/kg	2.5	U	U	2.5	0.314	2.5	U	U	2.5	0.229	2.5	U	U	2.5	0.226
Pentachlorodibenzofuran	ng/kg	0.893			2.5	0.231	2.5	U	U	2.5	0.13	1.59			2.5	0.127
Tetrachlorodibenzo-p-dioxin	ng/kg	1	U	U	1	0.23	1	U	U	1	0.124	1	U	U	1	0.111
Tetrachlorodibenzofuran, Total	ng/kg	1	U	U	1	0.249	1	U	U	1	0.134	0.383			1	0.13
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
1,3-Dinitrobenzene	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
2,4,6-Trinitrotoluene	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-P2571-SS					MAM-P2586-SS					MAM-W220-SS				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-P2571-SS-QC					MAM-P2586-SS					MAM-W220-SS				
	Sample Date:	25-FEB-04					25-FEB-04					24-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg	149.208		J	2.5	0.491	115.727		J	2.5	0.537	15.941			2.5	0.446
1,2,3,4,6,7,8-HpCDD	ng/kg	1005.906		J	2.5	1.942	713.294		J	2.5	15.112	99.533			2.5	0.517
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	8.429			2.5	0.685	7.362			2.5	0.749	2.5	U	U	2.5	0.623
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	2.104		J	2.5	0.254	1.991		J	2.5	0.2	0.738		J	2.5	0.454
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	3.472			2.5	0.276	2.582			2.5	0.285	1.952		J	2.5	0.26
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	23.051		J	2.5	0.224	18.369		J	2.5	0.177	3.046		J	2.5	0.401
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	1.47		J	2.5	0.276	1.075			2.5	0.285	0.774		J	2.5	0.26
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	7.871		J	2.5	0.229	5.289			2.5	0.181	2.112		J	2.5	0.41
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.795		J	2.5	0.354	2.5	U	U	2.5	0.365	2.5	U	U	2.5	0.333
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.754		J	2.5	0.224	2.5	U	U	2.5	0.171	2.5	U	U	2.5	0.229
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.192	2.5	U	U	2.5	0.169	2.5	U	U	2.5	0.282
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	3.872			2.5	0.309	3.028			2.5	0.318	1.095		J	2.5	0.29
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.194	2.5	U	U	2.5	0.17	1.049		J	2.5	0.284
2,3,7,8-TCDD	ng/kg	1	U	U	1	0.182	1	U	U	1	0.118	1	U	U	1	0.237
2,3,7,8-TCDF	ng/kg	1	U	U	1	0.179	1	U	U	1	0.12	1.654			1	1.15
Heptachlorodibenzo-p-dioxin	ng/kg	2230.91			2.5	1.086	1798.198			2.5	0.752	207.661			2.5	0.517
Heptachlorodibenzofuran	ng/kg	565.859			2.5	0.491	437.966			2.5	0.537	39.776			2.5	0.446
Hexachloridibenzo-p-dioxin	ng/kg	122.103			2.5	0.254	85.655			2.5	0.2	24.49			2.5	0.454
Hexachlorodibenzofuran	ng/kg	132.982			2.5	0.276	90.592			2.5	0.285	20.118			2.5	0.26
Octachlorodibenzo-p-dioxin	ng/kg	13219.797		J	5	3.008	10805.237		J	5	19.375	2367.37			5	0.767
Octachlorodibenzofuran	ng/kg	438.356		J	5	0.807	337.096		J	5	0.283	37.828			5	0.931
Pentachlorodibenzo-p-dioxin	ng/kg	3.332			2.5	0.224	0.763			2.5	0.171	2.5	U	U	2.5	0.229
Pentachlorodibenzofuran	ng/kg	8.57			2.5	0.194	6.406			2.5	0.17	14.185			2.5	0.284
Tetrachlorodibenzo-p-dioxin	ng/kg	1	U	U	1	0.182	1	U	U	1	0.118	1	U	U	1	0.237
Tetrachlorodibenzofuran, Total	ng/kg	1	U	U	1	0.179	1	U	U	1	0.12	6.941			1	0.266
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
1,3-Dinitrobenzene	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
2,4,6-Trinitrotoluene	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-W220-SS					MAM-W250-SS					STEP-04SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-W220-SS-QC					MAM-W250-SS					04SS01(0-0.5)-020310				
	Sample Date:	24-FEB-04					24-FEB-04					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg	18.724			2.5	0.506	42.227			2.5	0.541					
1,2,3,4,6,7,8-HpCDD	ng/kg	106.526			2.5	0.495	294.123			2.5	0.845					
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.936		J	2.5	0.706	2.968		J	2.5	0.755					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	1.158		J	2.5	0.441	2.269		J	2.5	0.475					
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.97		J	2.5	0.215	4.877			2.5	0.268					
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	2.944		J	2.5	0.39	7.591			2.5	0.42					
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.909		J	2.5	0.215	2.191		J	2.5	0.268					
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	2.626		J	2.5	0.398	7.023			2.5	0.429					
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.276	2.5	U	U	2.5	0.344					
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	2.5	U	U	2.5	0.239	2.5	U	U	2.5	0.305					
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	2.5	U	U	2.5	0.194	2.5	U	U	2.5	0.292					
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	1.137		J	2.5	0.24	2.935		J	2.5	0.299					
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.943		J	2.5	0.195	1.716		J	2.5	0.295					
2,3,7,8-TCDD	ng/kg	1	U	U	1	0.172	1	U	U	1	0.25					
2,3,7,8-TCDF	ng/kg	1.511			1	1.184	2.388			1	1.035					
Heptachlorodibenzo-p-dioxin	ng/kg	228.912			2.5	0.495	603.075			2.5	0.845					
Heptachlorodibenzofuran	ng/kg	46.239			2.5	0.506	102.501			2.5	0.541					
Hexachloridibenzo-p-dioxin	ng/kg	28.966			2.5	0.441	72.297			2.5	0.475					
Hexachlorodibenzofuran	ng/kg	21.765			2.5	0.215	52.599			2.5	0.268					
Octachlorodibenzo-p-dioxin	ng/kg	2516.796			5	0.612	5221.753		JL	5	1.208					
Octachlorodibenzofuran	ng/kg	46.283			5	0.764	93.691			5	1.488					
Pentachlorodibenzo-p-dioxin	ng/kg	2.5	U	U	2.5	0.239	2.5	U	U	2.5	0.305					
Pentachlorodibenzofuran	ng/kg	16.485			2.5	0.195	31.256			2.5	0.295					
Tetrachlorodibenzo-p-dioxin	ng/kg	1	U	U	1	0.172	1	U	U	1	0.25					
Tetrachlorodibenzofuran, Total	ng/kg	7.67			1	0.225	14.498			1	0.287					
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
1,3-Dinitrobenzene	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
2,4,6-Trinitrotoluene	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-04SS01					STEP-04SS02					STEP-04SS02				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	04SS01(1-2)-020310					04SS02(0-0.5)-020310					04SS02(1-2)-020310				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS03					STEP-04SS03					STEP-04SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS03(0-0.5)-020310					04SS03(00.5)0203FD					04SS03(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS04					STEP-04SS04					STEP-04SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS04(0-0.5)-020311					04SS04(1-2)-020311					04SS05(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS05					STEP-04SS06					STEP-04SS06				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS05(1-2)-020311					04SS06(0-0.5)-020311					04SS06(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS07					STEP-04SS07					STEP-04SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS07(0-0.5)-020311					04SS07(1-2)-020311					04SS08(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS08					STEP-04SS08					STEP-04SS09				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS08(00.5)0203FD					04SS08(1-2)-020311					04SS09(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS09					STEP-04SS10					STEP-04SS10				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS09(1-2)-020311					04SS10(0-0.5)-020311					04SS10(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS11					STEP-04SS11					STEP-04SS11				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS11(0-0.5)-020311					04SS11(00.5)0203FD					04SS11(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS13					STEP-04SS13					STEP-04SS14				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS13(0-0.5)-020311					04SS13(1-2)-020311					04SS14(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS14					STEP-04SS15					STEP-04SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS14(1-2)-020311					04SS15(0-0.5)-020311					04SS15(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS01					STEP-29SS01					STEP-29SS02				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS01(0-0.5)-020309					29SS01(1-2)-020309					29SS02(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS02					STEP-29SS03					STEP-29SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS02(1-2)-020309					29SS03(0-0.5)-020309					29SS03(00.5)0203FD				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-29SS03					STEP-29SS04					STEP-29SS04				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS03(1-2)-020309					29SS04(0-0.5)-020309					29SS04(1-2)-020309				
		Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS05					STEP-29SS05					STEP-29SS06				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS05(0-0.5)-020309					29SS05(1-2)-020309					29SS06(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-29SS06					STEP-29SS07					STEP-29SS07				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS06(1-2)-020309					29SS07(0-0.5)-020309					29SS07(1-2)-020309				
		Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-29SS08	Industrial Sub-Area	29SS08(0-0.5)-020310	10-MAR-02	.0 - 0.5					
		STEP-29SS08	Industrial Sub-Area	29SS08(00.5)0203FD	10-MAR-02	.0 - 0.5					
		STEP-29SS08	Industrial Sub-Area	29SS08(1-2)-020310	10-MAR-02	1.0 - 2					
DIOXINS_FURANS											
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg										
1,2,3,4,6,7,8-HpCDD	ng/kg										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg										
2,3,7,8-TCDD	ng/kg										
2,3,7,8-TCDF	ng/kg										
Heptachlorodibenzo-p-dioxin	ng/kg										
Heptachlorodibenzofuran	ng/kg										
Hexachloridibenzo-p-dioxin	ng/kg										
Hexachlorodibenzofuran	ng/kg										
Octachlorodibenzo-p-dioxin	ng/kg										
Octachlorodibenzofuran	ng/kg										
Pentachlorodibenzo-p-dioxin	ng/kg										
Pentachlorodibenzofuran	ng/kg										
Tetrachlorodibenzo-p-dioxin	ng/kg										
Tetrachlorodibenzofuran, Total	ng/kg										
EXPLOSIVES											
1,3,5-Trinitrobenzene	mg/kg										
1,3-Dinitrobenzene	mg/kg										
2,4,6-Trinitrotoluene	mg/kg										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-29SS09					STEP-29SS09					STEP-29SS10				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS09(0-0.5)-020310					29SS09(1-2)-020310					29SS10(0-0.5)-020310				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-29SS10					STEP-29SS11					STEP-29SS11				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS10(1-2)-020310					29SS11(0-0.5)-020310					29SS11(1-2)-020310				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS12					STEP-29SS12					STEP-29SS13				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS12(0-0.5)-020310					29SS12(1-2)-020310					29SS13(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS13(00.5)0203FD					Sample No:	29SS13(1-2)-020310					Sample No:	29SS14(0-0.5)-020310				
		Sample Date:	10-MAR-02					Sample Date:	10-MAR-02					Sample Date:	10-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
DIOXINS_FURANS																			
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																		
1,2,3,4,6,7,8-HpCDD	ng/kg																		
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																		
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																		
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																		
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																		
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																		
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																		
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																		
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																		
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																		
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																		
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																		
2,3,7,8-TCDD	ng/kg																		
2,3,7,8-TCDF	ng/kg																		
Heptachlorodibenzo-p-dioxin	ng/kg																		
Heptachlorodibenzofuran	ng/kg																		
Hexachloridibenzo-p-dioxin	ng/kg																		
Hexachlorodibenzofuran	ng/kg																		
Octachlorodibenzo-p-dioxin	ng/kg																		
Octachlorodibenzofuran	ng/kg																		
Pentachlorodibenzo-p-dioxin	ng/kg																		
Pentachlorodibenzofuran	ng/kg																		
Tetrachlorodibenzo-p-dioxin	ng/kg																		
Tetrachlorodibenzofuran, Total	ng/kg																		
EXPLOSIVES																			
1,3,5-Trinitrobenzene	mg/kg																		
1,3-Dinitrobenzene	mg/kg																		
2,4,6-Trinitrotoluene	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS14					STEP-29SS15					STEP-29SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS14(1-2)-020310					29SS15(0-0.5)-020310					29SS15(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	STEP-29SS16	STEP-29SS16	STEP-29SS17
Associated Site:	Industrial Sub-Area	Industrial Sub-Area	Industrial Sub-Area
Sample No:	29SS16(0-0.5)-020917	29SS16(1-2)-020917	29SS17(0-0.5)-020917
Sample Date:	17-SEP-02	17-SEP-02	17-SEP-02
User Test Group *Sample Depth:*	.0 - 0.5	1.0 - 2	.0 - 0.5

Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS17					STEP-29SS18					STEP-29SS18				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS17(1-2)-020917					29SS18(0-0.5)-020917					29SS18(1-2)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS19					STEP-29SS19					STEP-29SS20				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS19(0-0.5)-020917					29SS19(1-2)-020917					29SS20(0-0.5)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-29SS20					STEP-29SS21					STEP-29SS21				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS20(1-2)-020917					29SS21(0-0.5)-020917					29SS21(00.5)0209FD				
		Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-29SS21	Industrial Sub-Area	29SS21(1-2)-020917	17-SEP-02	1.0 - 2					
		STEP-29SS22	Industrial Sub-Area	29SS22(0-0.5)-020918	18-SEP-02	.0 - 0.5					
		STEP-29SS22	Industrial Sub-Area	29SS22(1-2)-020918	18-SEP-02	1.0 - 2					
DIOXINS_FURANS											
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg										
1,2,3,4,6,7,8-HpCDD	ng/kg										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg										
2,3,7,8-TCDD	ng/kg										
2,3,7,8-TCDF	ng/kg										
Heptachlorodibenzo-p-dioxin	ng/kg										
Heptachlorodibenzofuran	ng/kg										
Hexachloridibenzo-p-dioxin	ng/kg										
Hexachlorodibenzofuran	ng/kg										
Octachlorodibenzo-p-dioxin	ng/kg										
Octachlorodibenzofuran	ng/kg										
Pentachlorodibenzo-p-dioxin	ng/kg										
Pentachlorodibenzofuran	ng/kg										
Tetrachlorodibenzo-p-dioxin	ng/kg										
Tetrachlorodibenzofuran, Total	ng/kg										
EXPLOSIVES											
1,3,5-Trinitrobenzene	mg/kg										
1,3-Dinitrobenzene	mg/kg										
2,4,6-Trinitrotoluene	mg/kg										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-29SS23					STEP-29SS23					STEP-29SS24				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS23(0-0.5)-020918					29SS23(1-2)-020918					29SS24(0-0.5)-020918				
		Sample Date:	18-SEP-02					18-SEP-02					18-SEP-02				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS24					STEP-29SS25					STEP-29SS26				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS24(1-2)-020918					29SS25(0-0.5)-020918					29SS26(0-0.5)-020919				
	Sample Date:	18-SEP-02					18-SEP-02					19-SEP-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS27					STEP-29SS28					STEP-46SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS27(0-0.5)-020919					29SS28(0-0.5)-020918					46SS01(0-0.5)-020311				
	Sample Date:	19-SEP-02					18-SEP-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS01					STEP-46SS02					STEP-46SS02				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS01(1-2)-020311					46SS02(0-0.5)-020311					46SS02(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	46SS03(0-0.5)-020312					Sample No:	46SS03(1-2)-020312					Sample No:	46SS04(0-0.5)-020312				
		Sample Date:	12-MAR-02					Sample Date:	12-MAR-02					Sample Date:	12-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
DIOXINS_FURANS																			
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																		
1,2,3,4,6,7,8-HpCDD	ng/kg																		
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																		
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																		
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																		
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																		
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																		
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																		
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																		
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																		
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																		
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																		
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																		
2,3,7,8-TCDD	ng/kg																		
2,3,7,8-TCDF	ng/kg																		
Heptachlorodibenzo-p-dioxin	ng/kg																		
Heptachlorodibenzofuran	ng/kg																		
Hexachloridibenzo-p-dioxin	ng/kg																		
Hexachlorodibenzofuran	ng/kg																		
Octachlorodibenzo-p-dioxin	ng/kg																		
Octachlorodibenzofuran	ng/kg																		
Pentachlorodibenzo-p-dioxin	ng/kg																		
Pentachlorodibenzofuran	ng/kg																		
Tetrachlorodibenzo-p-dioxin	ng/kg																		
Tetrachlorodibenzofuran, Total	ng/kg																		
EXPLOSIVES																			
1,3,5-Trinitrobenzene	mg/kg																		
1,3-Dinitrobenzene	mg/kg																		
2,4,6-Trinitrotoluene	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-46SS04					STEP-46SS05					STEP-46SS05				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	46SS04(1-2)-020312					46SS05(0-0.5)-020312					46SS05(1-2)-020312				
		Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		STEP-46SS06					STEP-46SS06					STEP-46SS07				
		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		46SS06(0-0.5)-020312					46SS06(1-2)-020312					46SS07(0-0.5)-020312				
		12-MAR-02					12-MAR-02					12-MAR-02				
		.0 - 0.5					1.0 - 2					.0 - 0.5				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS07					STEP-46SS07					STEP-46SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS07(00.5)0203FD					46SS07(1-2)-020312					46SS08(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-46SS08					STEP-46SS09					STEP-46SS09				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	46SS08(1-2)-020312					46SS09(0-0.5)-020312					46SS09(1-2)-020312				
		Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-46SS10					STEP-46SS10					STEP-46SS11				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	46SS10(0-0.5)-020312					46SS10(1-2)-020312					46SS11(0-0.5)-020312				
		Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-46SS11	Industrial Sub-Area	46SS11(1-2)-020312	12-MAR-02	1.0 - 2					
		STEP-46SS12	Industrial Sub-Area	46SS12(0-0.5)-020312	12-MAR-02	.0 - 0.5					
		STEP-46SS12	Industrial Sub-Area	46SS12(00.5)0203FD	12-MAR-02	.0 - 0.5					
DIOXINS_FURANS											
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg										
1,2,3,4,6,7,8-HpCDD	ng/kg										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg										
2,3,7,8-TCDD	ng/kg										
2,3,7,8-TCDF	ng/kg										
Heptachlorodibenzo-p-dioxin	ng/kg										
Heptachlorodibenzofuran	ng/kg										
Hexachloridibenzo-p-dioxin	ng/kg										
Hexachlorodibenzofuran	ng/kg										
Octachlorodibenzo-p-dioxin	ng/kg										
Octachlorodibenzofuran	ng/kg										
Pentachlorodibenzo-p-dioxin	ng/kg										
Pentachlorodibenzofuran	ng/kg										
Tetrachlorodibenzo-p-dioxin	ng/kg										
Tetrachlorodibenzofuran, Total	ng/kg										
EXPLOSIVES											
1,3,5-Trinitrobenzene	mg/kg										
1,3-Dinitrobenzene	mg/kg										
2,4,6-Trinitrotoluene	mg/kg										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-46SS12	Industrial Sub-Area	46SS12(1-2)-020312	12-MAR-02	1.0 - 2					
		STEP-46SS13	Industrial Sub-Area	46SS13(0-0.5)-020312	12-MAR-02	.0 - 0.5					
		STEP-46SS13	Industrial Sub-Area	46SS13(1-2)-020312	12-MAR-02	1.0 - 2					
DIOXINS_FURANS											
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg										
1,2,3,4,6,7,8-HpCDD	ng/kg										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg										
2,3,7,8-TCDD	ng/kg										
2,3,7,8-TCDF	ng/kg										
Heptachlorodibenzo-p-dioxin	ng/kg										
Heptachlorodibenzofuran	ng/kg										
Hexachloridibenzo-p-dioxin	ng/kg										
Hexachlorodibenzofuran	ng/kg										
Octachlorodibenzo-p-dioxin	ng/kg										
Octachlorodibenzofuran	ng/kg										
Pentachlorodibenzo-p-dioxin	ng/kg										
Pentachlorodibenzofuran	ng/kg										
Tetrachlorodibenzo-p-dioxin	ng/kg										
Tetrachlorodibenzofuran, Total	ng/kg										
EXPLOSIVES											
1,3,5-Trinitrobenzene	mg/kg										
1,3-Dinitrobenzene	mg/kg										
2,4,6-Trinitrotoluene	mg/kg										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS14					STEP-46SS14					STEP-46SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS14(0-0.5)-020312					46SS14(1-2)-020312					46SS15(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-46SS15					STEP-47SS01					STEP-47SS01				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	46SS15(1-2)-020312					47SS01(0-0.5)-020310					47SS01(1-2)-020310				
		Sample Date:	12-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS02					STEP-47SS02					STEP-47SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS02(0-0.5)-020310					47SS02(1-2)-020310					47SS03(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS03					STEP-47SS03					STEP-47SS04				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS03(00.5)0203FD					47SS03(1-2)-020310					47SS04(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-47SS04					STEP-47SS05					STEP-47SS05				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	47SS04(1-2)-020310					47SS05(0-0.5)-020310					47SS05(1-2)-020310				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS06					STEP-47SS06					STEP-47SS07				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS06(0-0.5)-020310					47SS06(1-2)-020310					47SS07(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS07					STEP-47SS08					STEP-47SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS07(1-2)-020310					47SS08(0-0.5)-020310					47SS08(00.5)0203FD				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-47SS08					STEP-47SS09					STEP-47SS09				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	47SS08(1-2)-020310					47SS09(0-0.5)-020310					47SS09(1-2)-020310				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS10					STEP-47SS10					STEP-50SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS10(0-0.5)-020310					47SS10(1-2)-020310					50SS01(0-0.5)-020309				
	Sample Date:	10-MAR-02					10-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-50SS01					STEP-50SS02					STEP-50SS02				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	50SS01(1-2)-020309					50SS02(0-0.5)-020309					50SS02(1-2)-020309				
		Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Heptachlorodibenzo-p-dioxin	ng/kg																
Heptachlorodibenzofuran	ng/kg																
Hexachloridibenzo-p-dioxin	ng/kg																
Hexachlorodibenzofuran	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
Pentachlorodibenzo-p-dioxin	ng/kg																
Pentachlorodibenzofuran	ng/kg																
Tetrachlorodibenzo-p-dioxin	ng/kg																
Tetrachlorodibenzofuran, Total	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-50SS03	Industrial Sub-Area	50SS03(0-0.5)-020309	09-MAR-02	.0 - 0.5					
		STEP-50SS03	Industrial Sub-Area	50SS03(00.5)0203FD	09-MAR-02	.0 - 0.5					
		STEP-50SS03	Industrial Sub-Area	50SS03(1-2)-020309	09-MAR-02	1.0 - 2					
DIOXINS_FURANS											
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg										
1,2,3,4,6,7,8-HpCDD	ng/kg										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg										
2,3,7,8-TCDD	ng/kg										
2,3,7,8-TCDF	ng/kg										
Heptachlorodibenzo-p-dioxin	ng/kg										
Heptachlorodibenzofuran	ng/kg										
Hexachloridibenzo-p-dioxin	ng/kg										
Hexachlorodibenzofuran	ng/kg										
Octachlorodibenzo-p-dioxin	ng/kg										
Octachlorodibenzofuran	ng/kg										
Pentachlorodibenzo-p-dioxin	ng/kg										
Pentachlorodibenzofuran	ng/kg										
Tetrachlorodibenzo-p-dioxin	ng/kg										
Tetrachlorodibenzofuran, Total	ng/kg										
EXPLOSIVES											
1,3,5-Trinitrobenzene	mg/kg										
1,3-Dinitrobenzene	mg/kg										
2,4,6-Trinitrotoluene	mg/kg										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-50SS04					STEP-50SS04					STEP-50SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	50SS04(0-0.5)-020309					50SS04(1-2)-020309					50SS05(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															

Location Code:	STEP-50SS05
Associated Site:	Industrial Sub-Area
Sample No:	50SS05(1-2)-020309
Sample Date:	09-MAR-02
User Test Group *Sample Depth:*	1.0 - 2

Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS						
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg					
1,2,3,4,6,7,8-HpCDD	ng/kg					
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg					
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg					
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg					
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg					
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg					
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg					
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg					
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg					
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg					
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg					
2,3,7,8-TCDD	ng/kg					
2,3,7,8-TCDF	ng/kg					
Heptachlorodibenzo-p-dioxin	ng/kg					
Heptachlorodibenzofuran	ng/kg					
Hexachloridibenzo-p-dioxin	ng/kg					
Hexachlorodibenzofuran	ng/kg					
Octachlorodibenzo-p-dioxin	ng/kg					
Octachlorodibenzofuran	ng/kg					
Pentachlorodibenzo-p-dioxin	ng/kg					
Pentachlorodibenzofuran	ng/kg					
Tetrachlorodibenzo-p-dioxin	ng/kg					
Tetrachlorodibenzofuran, Total	ng/kg					
EXPLOSIVES						
1,3,5-Trinitrobenzene	mg/kg					
1,3-Dinitrobenzene	mg/kg					
2,4,6-Trinitrotoluene	mg/kg					

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		MAM-GP150-SS					MAM-P2212-SS					MAM-P2237-SS				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		MAM-GP150-SS					MAM-P2212-SS					MAM-P2237-SS				
Sample Date:		25-FEB-04					25-FEB-04					25-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
2,6-Dinitrotoluene	mg/kg	.25	U	U	.25	.13	.25	U	U	.25	.12	.24	U	U	.24	.12
2-Amino-4,6-dinitrotoluene	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
4-Amino-2,6-dinitrotoluene	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
HMX	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
Nitrobenzene	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
RDX	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
Tetryl	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
m-Nitrotoluene	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
o-Nitrotoluene	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
p-Nitrotoluene	mg/kg	.25	U	U	.25	.1	.25	U	U	.25	.1	.24	U	U	.24	.097
GEN CHEMISTRY																
Bromide	mg/kg	7.3	U	U	7.3	3.6	6.5	U	U	6.5	3.2	6.6	U	U	6.6	3.3
CATION-EXCHANGE CAPACITY	mg/kg	7480			130	130	1220			130	130	6930			130	130
Chloride	mg/kg	290	U	U	290	150	260	U	U	260	130	260	U	U	260	130
Cyanide, Total	mg/kg	2.9	U	U	2.9	1.5	2.6	U	U	2.6	1.3	2.6	U	U	2.6	1.3
Fluoride, Total	mg/kg	1.7	J	J	2.9	1.5	1.7	J	J	2.6	1.3	1.4	J	J	2.6	1.3
Nitrate	mg/kg	1.2	J	JH	1.5	0.73	1.3	U	U	1.3	0.65	0.66	J	JH	1.3	0.66
Nitrite	mg/kg	1.5	U	U	1.5	0.73	1.3	U	U	1.3	0.65	1.3	U	U	1.3	0.66
Sulfate	mg/kg	290	U	U	290	150	260	U	U	260	130	260	U	U	260	130
Total Organic Carbon	mg/kg	19700			150	68	13100			130	61	14100			130	62
pH	STD UNIT	4.9			0	-99	6.1			0	-99	6.5			0	-99
METALS																
Aluminum	mg/kg	7760			28	0.92	5680			24	0.8	4890			27	0.88
Antimony	mg/kg	8.4	U	U	8.4	0.21	7.3	U	U	7.3	0.18	8.0	U	U	8.0	0.2
Arsenic	mg/kg	1.4		J	0.70	0.39	3.0		J	0.61	0.34	3.7		J	0.67	0.37
Barium	mg/kg	109		J	28	0.07	46.9		J	24	0.061	49.3		J	27	0.067
Beryllium	mg/kg	0.53	J	J	0.70	0.042	0.33	J	J	0.61	0.037	0.25	J	J	0.67	0.04

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		MAM-P2268-SS					MAM-P2544-SS					MAM-P2571-SS				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		MAM-P2268-SS					MAM-P2544-SS					MAM-P2571-SS				
Sample Date:		25-FEB-04					25-FEB-04					25-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
2,6-Dinitrotoluene	mg/kg	.24	U	U	.24	.12	.24	U	U	.24	.12	.24	U	U	.24	.12
2-Amino-4,6-dinitrotoluene	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
4-Amino-2,6-dinitrotoluene	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
HMX	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
Nitrobenzene	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
RDX	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
Tetryl	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
m-Nitrotoluene	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
o-Nitrotoluene	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
p-Nitrotoluene	mg/kg	.24	U	U	.24	.098	.24	U	U	.24	.098	.24	U	U	.24	.098
GEN CHEMISTRY																
Bromide	mg/kg	6.8	U	U	6.8	3.4	6.7	U	U	6.7	3.4	6.5	U	U	6.5	3.2
CATION-EXCHANGE CAPACITY	mg/kg	6020			130	130	6710			130	130	5800			130	130
Chloride	mg/kg	270	U	U	270	140	270	U	U	270	130	260	U	U	260	130
Cyanide, Total	mg/kg	2.7	U	U	2.7	1.4	2.7	U	U	2.7	1.3	2.6	U	U	2.6	1.3
Fluoride, Total	mg/kg	2.2	J	J	2.7	1.4	2.0	J	J	2.7	1.3	3.7			2.6	1.3
Nitrate	mg/kg	1.4	U	U	1.4	0.68	0.94	J	JH	1.3	0.67	1.0	J	JH	1.3	0.65
Nitrite	mg/kg	1.4	U	U	1.4	0.68	1.3	U	U	1.3	0.67	1.3	U	U	1.3	0.65
Sulfate	mg/kg	270	U	U	270	140	270	U	U	270	130	260	U	U	260	130
Total Organic Carbon	mg/kg	18200			140	64	15400			130	63	16600			130	61
pH	STD UNIT	5.4			0	-99	5.4			0	-99	5.7			0	-99
METALS																
Aluminum	mg/kg	7590			27	0.88	6290			26	0.87	6630			26	0.85
Antimony	mg/kg	8.0	U	U	8.0	0.2	7.9	U	U	7.9	0.2	7.8	U	U	7.8	0.19
Arsenic	mg/kg	2.2		J	0.67	0.37	2.2		J	0.66	0.37	1.6		J	0.65	0.36
Barium	mg/kg	75.6		J	27	0.067	60.1		J	26	0.066	85.1		J	26	0.065
Beryllium	mg/kg	0.53	J	J	0.67	0.04	0.29	J	J	0.66	0.04	0.33	J	J	0.65	0.039

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-P2571-SS					MAM-P2586-SS					MAM-W220-SS				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-P2571-SS-QC					MAM-P2586-SS					MAM-W220-SS				
	Sample Date:	25-FEB-04					25-FEB-04					24-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
2,6-Dinitrotoluene	mg/kg	.25	U	U	.25	.12	.23	U	U	.23	.12	.23	U	U	.23	.11
2-Amino-4,6-dinitrotoluene	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
4-Amino-2,6-dinitrotoluene	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
HMX	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
Nitrobenzene	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
RDX	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
Tetryl	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
m-Nitrotoluene	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
o-Nitrotoluene	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
p-Nitrotoluene	mg/kg	.25	U	U	.25	.1	.23	U	U	.23	.093	.23	U	U	.23	.091
GEN CHEMISTRY																
Bromide	mg/kg	6.7	U	U	6.7	3.3	6.6	U	U	6.6	3.3	6.6	U	U	6.6	3.3
CATION-EXCHANGE CAPACITY	mg/kg	6800			130	130	7780			130	130	16400			130	130
Chloride	mg/kg	270	U	U	270	130	270	U	U	270	130	270	U	U	270	130
Cyanide, Total	mg/kg	2.7	U	U	2.7	1.3	2.7	U	U	2.7	1.3	2.0	U	U	2.0	1.0
Fluoride, Total	mg/kg	3.9			2.7	1.3	2.0	J	J	2.7	1.3	1.6	J	JH	2.7	1.3
Nitrate	mg/kg	1.6			1.3	0.67	1.1	J	JH	1.3	0.66	0.93	J	JH	1.3	0.66
Nitrite	mg/kg	1.3	U	U	1.3	0.67	1.3	U	U	1.3	0.66	1.3	U	U	1.3	0.66
Sulfate	mg/kg	270	U	U	270	130	270	U	U	270	130	138	J	J	270	130
Total Organic Carbon	mg/kg	11900			130	63	10800			130	62	24000			130	62
pH	STD UNIT	5.6			0	-99	5.5			0	-99	5.3			0	-99
METALS																
Aluminum	mg/kg	5450			26	0.85	5840			26	0.84	6770		JL	26	0.84
Antimony	mg/kg	7.7	U	U	7.7	0.19	7.7	U	U	7.7	0.19	7.7	U	UJ, L	7.7	0.19
Arsenic	mg/kg	3.6		J	0.64	0.36	2.2		J	0.64	0.36	2.1			0.64	0.36
Barium	mg/kg	60.1		J	26	0.064	59.7		J	26	0.064	155		J	26	0.064
Beryllium	mg/kg	0.37	J	J	0.64	0.038	0.28	J	J	0.64	0.038	0.77			0.64	0.038

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-W220-SS					MAM-W250-SS					STEP-04SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-W220-SS-QC					MAM-W250-SS					04SS01(0-0.5)-020310				
	Sample Date:	24-FEB-04					24-FEB-04					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
2,6-Dinitrotoluene	mg/kg	.23	U	U	.23	.12	.24	U	U	.24	.12					
2-Amino-4,6-dinitrotoluene	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
4-Amino-2,6-dinitrotoluene	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
HMX	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
Nitrobenzene	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
RDX	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
Tetryl	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
m-Nitrotoluene	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
o-Nitrotoluene	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
p-Nitrotoluene	mg/kg	.23	U	U	.23	.093	.24	U	U	.24	.097					
GEN CHEMISTRY																
Bromide	mg/kg	7.1	U	U	7.1	3.5	7.1	U	U	7.1	3.5					
CATION-EXCHANGE CAPACITY	mg/kg	15100			130	130	16200			130	130					
Chloride	mg/kg	280	U	U	280	140	280	U	U	280	140					
Cyanide, Total	mg/kg	2.0	U	U	2.0	1.0	2.0	U	U	2.0	1.0					
Fluoride, Total	mg/kg	1.7	J	JH	2.8	1.4	2.3	J	JH	2.8	1.4					
Nitrate	mg/kg	2.3		JH	1.4	0.71	1.6		JH	1.4	0.71					
Nitrite	mg/kg	1.4	U	U	1.4	0.71	1.4	U	U	1.4	0.71					
Sulfate	mg/kg	148	J	J	280	140	165	J	J	280	140					
Total Organic Carbon	mg/kg	23700			140	67	31900			140	67					
pH	STD UNIT	5.4			0	-99	5.4			0	-99					
METALS																
Aluminum	mg/kg	8990		JL	27	0.9	9700		JL	28	0.94					
Antimony	mg/kg	8.2	U	UJ, L	8.2	0.2	8.5	U	UJ, L	8.5	0.21					
Arsenic	mg/kg	2.0			0.68	0.38	3.4			0.71	0.4					
Barium	mg/kg	346		J	27	0.068	193		J	28	0.071					
Beryllium	mg/kg	0.87			0.68	0.041	0.80			0.71	0.043					

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS01					STEP-04SS02					STEP-04SS02				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS01(1-2)-020310					04SS02(0-0.5)-020310					04SS02(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS03					STEP-04SS03					STEP-04SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS03(0-0.5)-020310					04SS03(00.5)0203FD					04SS03(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS04					STEP-04SS04					STEP-04SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS04(0-0.5)-020311					04SS04(1-2)-020311					04SS05(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS05					STEP-04SS06					STEP-04SS06				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS05(1-2)-020311					04SS06(0-0.5)-020311					04SS06(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS07					STEP-04SS07					STEP-04SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS07(0-0.5)-020311					04SS07(1-2)-020311					04SS08(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS08					STEP-04SS08					STEP-04SS09				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS08(00.5)0203FD					04SS08(1-2)-020311					04SS09(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS09					STEP-04SS10					STEP-04SS10				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS09(1-2)-020311					04SS10(0-0.5)-020311					04SS10(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS11					STEP-04SS11					STEP-04SS11				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS11(0-0.5)-020311					04SS11(00.5)0203FD					04SS11(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS13					STEP-04SS13					STEP-04SS14				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS13(0-0.5)-020311					04SS13(1-2)-020311					04SS14(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-04SS14					STEP-04SS15					STEP-04SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS14(1-2)-020311					04SS15(0-0.5)-020311					04SS15(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS01					STEP-29SS01					STEP-29SS02				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS01(0-0.5)-020309					29SS01(1-2)-020309					29SS02(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS02					STEP-29SS03					STEP-29SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS02(1-2)-020309					29SS03(0-0.5)-020309					29SS03(00.5)0203FD				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS03					STEP-29SS04					STEP-29SS04				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS03(1-2)-020309					29SS04(0-0.5)-020309					29SS04(1-2)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS05					STEP-29SS05					STEP-29SS06				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS05(0-0.5)-020309					29SS05(1-2)-020309					29SS06(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS06					STEP-29SS07					STEP-29SS07				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS06(1-2)-020309					29SS07(0-0.5)-020309					29SS07(1-2)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS08					STEP-29SS08					STEP-29SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS08(0-0.5)-020310					29SS08(00.5)0203FD					29SS08(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS09					STEP-29SS09					STEP-29SS10				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS09(0-0.5)-020310					29SS09(1-2)-020310					29SS10(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS10					STEP-29SS11					STEP-29SS11				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS10(1-2)-020310					29SS11(0-0.5)-020310					29SS11(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS12					STEP-29SS12					STEP-29SS13				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS12(0-0.5)-020310					29SS12(1-2)-020310					29SS13(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS13					STEP-29SS13					STEP-29SS14				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS13(00.5)0203FD					29SS13(1-2)-020310					29SS14(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS14					STEP-29SS15					STEP-29SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS14(1-2)-020310					29SS15(0-0.5)-020310					29SS15(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS16					STEP-29SS16					STEP-29SS17				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS16(0-0.5)-020917					29SS16(1-2)-020917					29SS17(0-0.5)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS17					STEP-29SS18					STEP-29SS18				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS17(1-2)-020917					29SS18(0-0.5)-020917					29SS18(1-2)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS19					STEP-29SS19					STEP-29SS20				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS19(0-0.5)-020917					29SS19(1-2)-020917					29SS20(0-0.5)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS20					STEP-29SS21					STEP-29SS21				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS20(1-2)-020917					29SS21(0-0.5)-020917					29SS21(00.5)0209FD				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS21					STEP-29SS22					STEP-29SS22				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS21(1-2)-020917					29SS22(0-0.5)-020918					29SS22(1-2)-020918				
	Sample Date:	17-SEP-02					18-SEP-02					18-SEP-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS23					STEP-29SS23					STEP-29SS24				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS23(0-0.5)-020918					29SS23(1-2)-020918					29SS24(0-0.5)-020918				
	Sample Date:	18-SEP-02					18-SEP-02					18-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS24					STEP-29SS25					STEP-29SS26				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS24(1-2)-020918					29SS25(0-0.5)-020918					29SS26(0-0.5)-020919				
	Sample Date:	18-SEP-02					18-SEP-02					19-SEP-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

	Location Code:	STEP-29SS27					STEP-29SS28					STEP-46SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS27(0-0.5)-020919					29SS28(0-0.5)-020918					46SS01(0-0.5)-020311				
	Sample Date:	19-SEP-02					18-SEP-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS01					STEP-46SS02					STEP-46SS02				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS01(1-2)-020311					46SS02(0-0.5)-020311					46SS02(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS03					STEP-46SS03					STEP-46SS04				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS03(0-0.5)-020312					46SS03(1-2)-020312					46SS04(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS04					STEP-46SS05					STEP-46SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS04(1-2)-020312					46SS05(0-0.5)-020312					46SS05(1-2)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS06					STEP-46SS06					STEP-46SS07				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS06(0-0.5)-020312					46SS06(1-2)-020312					46SS07(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-46SS07					STEP-46SS07					STEP-46SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS07(00.5)0203FD					46SS07(1-2)-020312					46SS08(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-46SS08					STEP-46SS09					STEP-46SS09				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS08(1-2)-020312					46SS09(0-0.5)-020312					46SS09(1-2)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS10					STEP-46SS10					STEP-46SS11				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS10(0-0.5)-020312					46SS10(1-2)-020312					46SS11(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS11					STEP-46SS12					STEP-46SS12				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS11(1-2)-020312					46SS12(0-0.5)-020312					46SS12(00.5)0203FD				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-46SS12					STEP-46SS13					STEP-46SS13				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS12(1-2)-020312					46SS13(0-0.5)-020312					46SS13(1-2)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS14					STEP-46SS14					STEP-46SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS14(0-0.5)-020312					46SS14(1-2)-020312					46SS15(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-46SS15					STEP-47SS01					STEP-47SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS15(1-2)-020312					47SS01(0-0.5)-020310					47SS01(1-2)-020310				
	Sample Date:	12-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS02					STEP-47SS02					STEP-47SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS02(0-0.5)-020310					47SS02(1-2)-020310					47SS03(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-47SS03					STEP-47SS03					STEP-47SS04				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS03(00.5)0203FD					47SS03(1-2)-020310					47SS04(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS04					STEP-47SS05					STEP-47SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS04(1-2)-020310					47SS05(0-0.5)-020310					47SS05(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-47SS06					STEP-47SS06					STEP-47SS07				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS06(0-0.5)-020310					47SS06(1-2)-020310					47SS07(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS07					STEP-47SS08					STEP-47SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS07(1-2)-020310					47SS08(0-0.5)-020310					47SS08(00.5)0203FD				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS08					STEP-47SS09					STEP-47SS09				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS08(1-2)-020310					47SS09(0-0.5)-020310					47SS09(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS10					STEP-47SS10					STEP-50SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS10(0-0.5)-020310					47SS10(1-2)-020310					50SS01(0-0.5)-020309				
	Sample Date:	10-MAR-02					10-MAR-02					09-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-50SS01					STEP-50SS02					STEP-50SS02				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	50SS01(1-2)-020309					50SS02(0-0.5)-020309					50SS02(1-2)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-50SS03					STEP-50SS03					STEP-50SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	50SS03(0-0.5)-020309					50SS03(00.5)0203FD					50SS03(1-2)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-50SS04					STEP-50SS04					STEP-50SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	50SS04(0-0.5)-020309					50SS04(1-2)-020309					50SS05(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Bromide	mg/kg															
CATION-EXCHANGE CAPACITY	mg/kg															
Chloride	mg/kg															
Cyanide, Total	mg/kg															
Fluoride, Total	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															

	Location Code:	STEP-50SS05					
	Associated Site:	Industrial Sub-Area					
	Sample No:	50SS05(1-2)-020309					
	Sample Date:	09-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
EXPLOSIVES							
2,4-Dinitrotoluene	mg/kg						
2,6-Dinitrotoluene	mg/kg						
2-Amino-4,6-dinitrotoluene	mg/kg						
4-Amino-2,6-dinitrotoluene	mg/kg						
HMX	mg/kg						
Nitrobenzene	mg/kg						
RDX	mg/kg						
Tetryl	mg/kg						
m-Nitrotoluene	mg/kg						
o-Nitrotoluene	mg/kg						
p-Nitrotoluene	mg/kg						
GEN CHEMISTRY							
Bromide	mg/kg						
CATION-EXCHANGE CAPACITY	mg/kg						
Chloride	mg/kg						
Cyanide, Total	mg/kg						
Fluoride, Total	mg/kg						
Nitrate	mg/kg						
Nitrite	mg/kg						
Sulfate	mg/kg						
Total Organic Carbon	mg/kg						
pH	STD UNIT						
METALS							
Aluminum	mg/kg						
Antimony	mg/kg						
Arsenic	mg/kg						
Barium	mg/kg						
Beryllium	mg/kg						

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		MAM-GP150-SS					MAM-P2212-SS					MAM-P2237-SS				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		MAM-GP150-SS					MAM-P2212-SS					MAM-P2237-SS				
Sample Date:		25-FEB-04					25-FEB-04					25-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg	0.56	U	U	0.56	0.042	0.49	U	U	0.49	0.037	0.61			0.54	0.04
Calcium	mg/kg	1280		J	700	0.53	1120		J	610	0.46	1390		J	670	0.51
Chromium	mg/kg	11.9			1.4	0.056	13.2			1.2	0.049	18.3			1.3	0.054
Cobalt	mg/kg	6.4	J	J	7.0	0.07	3.0	J	J	6.1	0.061	2.0	J	J	6.7	0.067
Copper	mg/kg	9.0		J	3.5	0.062	3.9		J	3.0	0.054	11.6		J	3.3	0.059
Iron	mg/kg	10800			14	0.99	17600			12	0.86	20300			13	0.95
Lead	mg/kg	16.4			14	0.17	18.8			12	0.15	40.7			13	0.16
Magnesium	mg/kg	927			700	1.4	383	J	J	610	1.2	294	J	J	670	1.3
Manganese	mg/kg	389			2.1	0.022	143			1.8	0.019	124			2.0	0.021
Mercury	mg/kg	0.10	J	J	0.12	0.0026	0.031	J	J	0.11	0.0024	0.036	J	J	0.11	0.0024
Molybdenum	mg/kg	7.0	U	U	7.0	0.1	6.1	U	U	6.1	0.091	6.7	U	U	6.7	0.1
Nickel	mg/kg	9.5			5.6	0.15	4.9			4.9	0.13	4.8	J	J	5.4	0.15
Potassium	mg/kg	403	J	JH	700	1.9	208	J	JH	610	1.7	203	J	JH	670	1.8
Selenium	mg/kg	2.2	J	J	14	0.28	3.8	J	J	12	0.24	3.9	J	J	13	0.27
Silver	mg/kg	0.84	J	J	1.4	0.084	1.2	U	U	1.2	0.073	1.3	U	U	1.3	0.08
Sodium	mg/kg	700	U	U	700	20	610	U	U	610	18	670	U	U	670	19
Strontium	mg/kg	15.5			1.4	0.042	8.1			1.3	0.038	7.6			1.3	0.04
Thallium	mg/kg	1.4	U	U	1.4	0.21	5.2	U	U	5.2	3.6	5.2	U	U	5.2	4
Tin	mg/kg	7.0	U	UJ, L	7.0	0.21	6.1	U	UJ, L	6.1	0.18	6.7	U	UJ, L	6.7	0.2
Vanadium	mg/kg	17.7			7.0	0.066	26.1			6.1	0.057	28.7			6.7	0.063
Zinc	mg/kg	44.9			2.8	0.083	24.3			2.4	0.072	84.1			2.7	0.079
PAH																
Acenaphthene	mg/kg	.097	U	U	.097	.024	.085	U	U	.085	.021	.087	U	U	.087	.022
Acenaphthylene	mg/kg	.097	U	U	.097	.024	.085	U	U	.085	.021	.087	U	U	.087	.022
Anthracene	mg/kg	.097	U	U	.097	.012	.0137	J	J	.085	.011	.017	J	J	.087	.011
Benzo(a)anthracene	mg/kg	.0066	J	J	.019	.0048	.021			.017	.0043	.0294			.017	.0044
Benzo(a)pyrene	mg/kg	.007	J	J	.019	.0048	.0337			.017	.0043	.0471			.017	.0044
Benzo(b)fluoranthene	mg/kg	.0111	J	J	.019	.0048	.0821		J	.017	.0043	.134		J	.017	.0044
Benzo(ghi)perylene	mg/kg	.019	U	U	.019	.0048	.0255			.017	.0043	.0342			.017	.0044

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		MAM-P2268-SS					MAM-P2544-SS					MAM-P2571-SS				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		MAM-P2268-SS					MAM-P2544-SS					MAM-P2571-SS				
Sample Date:		25-FEB-04					25-FEB-04					25-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg	0.10	J	J	0.53	0.04	0.53	U	U	0.53	0.04	0.52	U	U	0.52	0.039
Calcium	mg/kg	958		J	670	0.51	886		J	660	0.5	1300		J	650	0.49
Chromium	mg/kg	13.7			1.3	0.053	11.0			1.3	0.053	10.2			1.3	0.052
Cobalt	mg/kg	9.0			6.7	0.067	3.3	J	J	6.6	0.066	3.9	J	J	6.5	0.065
Copper	mg/kg	3.9		J	3.3	0.059	3.8		J	3.3	0.058	98.9		J	3.2	0.057
Iron	mg/kg	18800			13	0.94	13300			13	0.94	19300			13	0.92
Lead	mg/kg	16.9			13	0.16	13.3			13	0.16	15.2			13	0.16
Magnesium	mg/kg	716			670	1.3	513	J	J	660	1.3	470	J	J	650	1.3
Manganese	mg/kg	420			2.0	0.021	267			2.0	0.021	237			1.9	0.021
Mercury	mg/kg	0.037	J	J	0.11	0.0025	0.027	J	J	0.11	0.0024	0.027	J	J	0.10	0.0023
Molybdenum	mg/kg	6.7	U	U	6.7	0.1	6.6	U	U	6.6	0.099	6.5	U	U	6.5	0.097
Nickel	mg/kg	9.9			5.3	0.15	4.5	J	J	5.3	0.15	7.0			5.2	0.14
Potassium	mg/kg	270	J	JH	670	1.8	330	J	JH	660	1.8	255	J	JH	650	1.8
Selenium	mg/kg	4.0	J	J	13	0.27	2.9	J	J	13	0.26	4.2	J	J	13	0.26
Silver	mg/kg	1.3	U	U	1.3	0.08	1.3	U	U	1.3	0.079	1.3	U	U	1.3	0.078
Sodium	mg/kg	670	U	U	670	19	660	U	U	660	19	51.1	J	J	650	19
Strontium	mg/kg	12.5			1.4	0.042	9.4			1.3	0.04	10.7			1.3	0.038
Thallium	mg/kg	5.2	U	U	5.2	4	5.2	U	U	5.2	4	5.2	U	U	5.2	4
Tin	mg/kg	6.7	U	UJ, L	6.7	0.2	6.6	U	UJ, L	6.6	0.2	6.5	U	UJ, L	6.5	0.19
Vanadium	mg/kg	29.6			6.7	0.063	22.6			6.6	0.062	18.8			6.5	0.061
Zinc	mg/kg	26.9			2.7	0.078	17.8			2.6	0.078	164			2.6	0.076
PAH																
Acenaphthene	mg/kg	.088	U	U	.088	.022	.089	U	U	.089	.022	.17	U	U	.17	.043
Acenaphthylene	mg/kg	.088	U	U	.088	.022	.089	U	U	.089	.022	.17	U	U	.17	.043
Anthracene	mg/kg	.088	U	U	.088	.011	.089	U	U	.089	.011	.17	U	U	.17	.021
Benzo(a)anthracene	mg/kg	.018	U	U	.018	.0044	.018	U	U	.018	.0044	.0142	J	J	.017	.0043
Benzo(a)pyrene	mg/kg	.018	U	U	.018	.0044	.018	U	U	.018	.0044	.0158	J	J	.017	.0043
Benzo(b)fluoranthene	mg/kg	.0159	J	J	.018	.0044	.018	U	UJ	.018	.0044	.0713		J	.017	.0043
Benzo(ghi)perylene	mg/kg	.007	J	J	.018	.0044	.018	U	U	.018	.0044	.0114	J	J	.017	.0043

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-P2571-SS					MAM-P2586-SS					MAM-W220-SS				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-P2571-SS-QC					MAM-P2586-SS					MAM-W220-SS				
	Sample Date:	25-FEB-04					25-FEB-04					24-FEB-04				
User Test Group	Sample Depth:	.0 - .5					.0 - .5					.0 - .5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg	0.51	U	U	0.51	0.038	0.51	U	U	0.51	0.038	0.054	J	J	0.51	0.038
Calcium	mg/kg	1200		J	640	0.49	724		J	640	0.49	1210			640	0.48
Chromium	mg/kg	16.5			1.3	0.051	8.4			1.3	0.051	8.1		JL	1.3	0.051
Cobalt	mg/kg	4.1	J	J	6.4	0.064	3.3	J	J	6.4	0.064	6.2	J	J	6.4	0.064
Copper	mg/kg	46.3		J	3.2	0.056	3.8		J	3.2	0.056	7.2			3.2	0.056
Iron	mg/kg	18100			13	0.91	9770			13	0.91	9070		J	13	0.91
Lead	mg/kg	10.7	J	J	13	0.15	19.7			13	0.15	17.4		JL	13	0.15
Magnesium	mg/kg	344	J	J	640	1.3	425	J	J	640	1.3	406	J	J	640	1.3
Manganese	mg/kg	265			1.9	0.021	185			1.9	0.02	371		J	1.9	0.02
Mercury	mg/kg	0.039	J	J	0.11	0.0024	0.025	J	J	0.11	0.0024	0.082	J	J	0.11	0.0024
Molybdenum	mg/kg	6.4	U	U	6.4	0.096	6.4	U	U	6.4	0.096	6.4	U	U	6.4	0.096
Nickel	mg/kg	5.0	J	J	5.1	0.14	4.5	J	J	5.1	0.14	7.0			5.1	0.14
Potassium	mg/kg	189	J	JH	640	1.8	205	J	JH	640	1.8	277	J	J	640	1.8
Selenium	mg/kg	3.7	J	J	13	0.26	1.9	J	J	13	0.26	1.7	J	J	13	0.26
Silver	mg/kg	1.3	U	U	1.3	0.077	1.3	U	U	1.3	0.077	0.22	J	J	1.3	0.077
Sodium	mg/kg	640	U	U	640	19	640	U	U	640	19	640	U	U	640	18
Strontium	mg/kg	9.7			1.3	0.04	8.7			1.3	0.039	13.4			1.4	0.041
Thallium	mg/kg	5.2	U	U	5.2	3.8	2.6	U	U	2.6	1.9	1.3	U	U	1.3	0.19
Tin	mg/kg	6.4	U	UJ, L	6.4	0.19	6.4	U	UJ, L	6.4	0.19	6.4	U	U	6.4	0.19
Vanadium	mg/kg	30.2			6.4	0.06	18.5			6.4	0.06	15.4		JL	6.4	0.06
Zinc	mg/kg	105			2.6	0.076	18.1			2.6	0.075	63.6		J	2.6	0.075
PAH																
Acenaphthene	mg/kg	.087	U	U	.087	.022	.087	U	U	.087	.022	.087	U	U	.087	.022
Acenaphthylene	mg/kg	.087	U	U	.087	.022	.087	U	U	.087	.022	.087	U	U	.087	.022
Anthracene	mg/kg	.087	U	U	.087	.011	.087	U	U	.087	.011	.087	U	U	.087	.011
Benzo(a)anthracene	mg/kg	.0063	J	J	.017	.0044	.0061	J	J	.017	.0044	.017	U	U	.017	.0044
Benzo(a)pyrene	mg/kg	.0085	J	J	.017	.0044	.008	J	J	.017	.0044	.017	U	U	.017	.0044
Benzo(b)fluoranthene	mg/kg	.032		J	.017	.0044	.032		J	.017	.0044	.0131	J	J	.017	.0044
Benzo(ghi)perylene	mg/kg	.0055	J	J	.017	.0044	.0059	J	J	.017	.0044	.017	U	U	.017	.0044

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		MAM-W220-SS					MAM-W250-SS					STEP-04SS01				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		MAM-W220-SS-QC					MAM-W250-SS					04SS01(0-0.5)-020310				
Sample Date:		24-FEB-04					24-FEB-04					10-MAR-02				
Sample Depth:		.0 - .5					.0 - .5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg	0.54	U	UJ	0.54	0.041	0.20	J	J	0.57	0.043					
Calcium	mg/kg	1220			680	0.52	1520			710	0.54					
Chromium	mg/kg	10.2		JL	1.4	0.054	10.9		JL	1.4	0.057					
Cobalt	mg/kg	5.1	J	J	6.8	0.068	7.5		J	7.1	0.071					
Copper	mg/kg	7.6			3.4	0.06	9.1			3.5	0.062					
Iron	mg/kg	9370		J	14	0.97	11400		J	14	1					
Lead	mg/kg	16.5		JL	14	0.16	24.0		JL	14	0.17					
Magnesium	mg/kg	532	J	J	680	1.3	471	J	J	710	1.4					
Manganese	mg/kg	279		J	2.0	0.022	489		J	2.1	0.023					
Mercury	mg/kg	0.090	J	J	0.12	0.0026	0.12		J	0.12	0.0026					
Molybdenum	mg/kg	6.8	U	U	6.8	0.1	7.1	U	U	7.1	0.11					
Nickel	mg/kg	8.1			5.4	0.15	9.5			5.7	0.16					
Potassium	mg/kg	351	J	J	680	1.9	340	J	J	710	2					
Selenium	mg/kg	2.3	J	J	14	0.27	2.5	J	J	14	0.28					
Silver	mg/kg	0.25	J	J	1.4	0.082	0.27	J	J	1.4	0.085					
Sodium	mg/kg	680	U	U	680	20	710	U	U	710	21					
Strontium	mg/kg	14.9			1.4	0.042	19.4			1.4	0.043					
Thallium	mg/kg	1.4	U	U	1.4	0.2	1.4	U	U	1.4	0.21					
Tin	mg/kg	6.8	U	U	6.8	0.2	7.1	U	U	7.1	0.21					
Vanadium	mg/kg	19.9		JL	6.8	0.064	21.1		JL	7.1	0.067					
Zinc	mg/kg	61.7		J	2.7	0.08	132		J	2.8	0.084					
PAH																
Acenaphthene	mg/kg	.095	U	U	.095	.024	.096	U	U	.096	.024					
Acenaphthylene	mg/kg	.095	U	U	.095	.024	.096	U	U	.096	.024					
Anthracene	mg/kg	.095	U	U	.095	.012	.096	U	U	.096	.012					
Benzo(a)anthracene	mg/kg	.019	U	U	.019	.0048	.0048	J	J	.019	.0048					
Benzo(a)pyrene	mg/kg	.019	U	U	.019	.0048	.019	U	U	.019	.019					
Benzo(b)fluoranthene	mg/kg	.0092	J	J	.019	.0048	.0147	J	J	.019	.0048					
Benzo(ghi)perylene	mg/kg	.019	U	U	.019	.0048	.019	U	U	.019	.0048					

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-04SS01					STEP-04SS02					STEP-04SS02				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS01(1-2)-020310					04SS02(0-0.5)-020310					04SS02(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-04SS03					STEP-04SS03					STEP-04SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS03(0-0.5)-020310					04SS03(00.5)0203FD					04SS03(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-04SS04					STEP-04SS04					STEP-04SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS04(0-0.5)-020311					04SS04(1-2)-020311					04SS05(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-04SS05					STEP-04SS06					STEP-04SS06				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS05(1-2)-020311					04SS06(0-0.5)-020311					04SS06(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS07					STEP-04SS07					STEP-04SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS07(0-0.5)-020311					04SS07(1-2)-020311					04SS08(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-04SS08					STEP-04SS08					STEP-04SS09				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS08(00.5)0203FD					04SS08(1-2)-020311					04SS09(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-04SS09					STEP-04SS10					STEP-04SS10				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS09(1-2)-020311					04SS10(0-0.5)-020311					04SS10(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS11					STEP-04SS11					STEP-04SS11				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS11(0-0.5)-020311					04SS11(00.5)0203FD					04SS11(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS13					STEP-04SS13					STEP-04SS14				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS13(0-0.5)-020311					04SS13(1-2)-020311					04SS14(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-04SS14					STEP-04SS15					STEP-04SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS14(1-2)-020311					04SS15(0-0.5)-020311					04SS15(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS01					STEP-29SS01					STEP-29SS02				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS01(0-0.5)-020309					29SS01(1-2)-020309					29SS02(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS02					STEP-29SS03					STEP-29SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS02(1-2)-020309					29SS03(0-0.5)-020309					29SS03(00.5)0203FD				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS03					STEP-29SS04					STEP-29SS04				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS03(1-2)-020309					29SS04(0-0.5)-020309					29SS04(1-2)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS05					STEP-29SS05					STEP-29SS06				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS05(0-0.5)-020309					29SS05(1-2)-020309					29SS06(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group / Parameter	Units	Location Code:	STEP-29SS06					STEP-29SS07					STEP-29SS07				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS06(1-2)-020309					29SS07(0-0.5)-020309					29SS07(1-2)-020309				
		Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Cadmium	mg/kg																
Calcium	mg/kg																
Chromium	mg/kg																
Cobalt	mg/kg																
Copper	mg/kg																
Iron	mg/kg																
Lead	mg/kg																
Magnesium	mg/kg																
Manganese	mg/kg																
Mercury	mg/kg																
Molybdenum	mg/kg																
Nickel	mg/kg																
Potassium	mg/kg																
Selenium	mg/kg																
Silver	mg/kg																
Sodium	mg/kg																
Strontium	mg/kg																
Thallium	mg/kg																
Tin	mg/kg																
Vanadium	mg/kg																
Zinc	mg/kg																
PAH																	
Acenaphthene	mg/kg																
Acenaphthylene	mg/kg																
Anthracene	mg/kg																
Benzo(a)anthracene	mg/kg																
Benzo(a)pyrene	mg/kg																
Benzo(b)fluoranthene	mg/kg																
Benzo(ghi)perylene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS08					STEP-29SS08					STEP-29SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS08(0-0.5)-020310					29SS08(00.5)0203FD					29SS08(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS09					STEP-29SS09					STEP-29SS10				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS09(0-0.5)-020310					29SS09(1-2)-020310					29SS10(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS10					STEP-29SS11					STEP-29SS11				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS10(1-2)-020310					29SS11(0-0.5)-020310					29SS11(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group / Parameter	Units	Location Code:	STEP-29SS12					STEP-29SS12					STEP-29SS13				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS12(0-0.5)-020310					29SS12(1-2)-020310					29SS13(0-0.5)-020310				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Cadmium	mg/kg																
Calcium	mg/kg																
Chromium	mg/kg																
Cobalt	mg/kg																
Copper	mg/kg																
Iron	mg/kg																
Lead	mg/kg																
Magnesium	mg/kg																
Manganese	mg/kg																
Mercury	mg/kg																
Molybdenum	mg/kg																
Nickel	mg/kg																
Potassium	mg/kg																
Selenium	mg/kg																
Silver	mg/kg																
Sodium	mg/kg																
Strontium	mg/kg																
Thallium	mg/kg																
Tin	mg/kg																
Vanadium	mg/kg																
Zinc	mg/kg																
PAH																	
Acenaphthene	mg/kg																
Acenaphthylene	mg/kg																
Anthracene	mg/kg																
Benzo(a)anthracene	mg/kg																
Benzo(a)pyrene	mg/kg																
Benzo(b)fluoranthene	mg/kg																
Benzo(ghi)perylene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS13					STEP-29SS13					STEP-29SS14				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS13(00.5)0203FD					29SS13(1-2)-020310					29SS14(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS14					STEP-29SS15					STEP-29SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS14(1-2)-020310					29SS15(0-0.5)-020310					29SS15(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS16					STEP-29SS16					STEP-29SS17				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS16(0-0.5)-020917					29SS16(1-2)-020917					29SS17(0-0.5)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS17					STEP-29SS18					STEP-29SS18				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS17(1-2)-020917					29SS18(0-0.5)-020917					29SS18(1-2)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS19					STEP-29SS19					STEP-29SS20				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS19(0-0.5)-020917					29SS19(1-2)-020917					29SS20(0-0.5)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS20					STEP-29SS21					STEP-29SS21				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS20(1-2)-020917					29SS21(0-0.5)-020917					29SS21(00.5)0209FD				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS21					STEP-29SS22					STEP-29SS22				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS21(1-2)-020917					29SS22(0-0.5)-020918					29SS22(1-2)-020918				
	Sample Date:	17-SEP-02					18-SEP-02					18-SEP-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS23					STEP-29SS23					STEP-29SS24				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS23(0-0.5)-020918					29SS23(1-2)-020918					29SS24(0-0.5)-020918				
	Sample Date:	18-SEP-02					18-SEP-02					18-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS24					STEP-29SS25					STEP-29SS26				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS24(1-2)-020918					29SS25(0-0.5)-020918					29SS26(0-0.5)-020919				
	Sample Date:	18-SEP-02					18-SEP-02					19-SEP-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS27					STEP-29SS28					STEP-46SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS27(0-0.5)-020919					29SS28(0-0.5)-020918					46SS01(0-0.5)-020311				
	Sample Date:	19-SEP-02					18-SEP-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:						Associated Site:						Associated Site:					
		Sample No:						Sample No:						Sample No:					
		Sample Date:						Sample Date:						Sample Date:					
		Sample Depth:						Sample Depth:						Sample Depth:					
METALS		STEP-46SS01						STEP-46SS02						STEP-46SS02					
		Industrial Sub-Area						Industrial Sub-Area						Industrial Sub-Area					
		46SS01(1-2)-020311						46SS02(0-0.5)-020311						46SS02(1-2)-020311					
		11-MAR-02						11-MAR-02						11-MAR-02					
		1.0 - 2						.0 - 0.5						1.0 - 2					
Cadmium	mg/kg																		
Calcium	mg/kg																		
Chromium	mg/kg																		
Cobalt	mg/kg																		
Copper	mg/kg																		
Iron	mg/kg																		
Lead	mg/kg																		
Magnesium	mg/kg																		
Manganese	mg/kg																		
Mercury	mg/kg																		
Molybdenum	mg/kg																		
Nickel	mg/kg																		
Potassium	mg/kg																		
Selenium	mg/kg																		
Silver	mg/kg																		
Sodium	mg/kg																		
Strontium	mg/kg																		
Thallium	mg/kg																		
Tin	mg/kg																		
Vanadium	mg/kg																		
Zinc	mg/kg																		
PAH																			
Acenaphthene	mg/kg																		
Acenaphthylene	mg/kg																		
Anthracene	mg/kg																		
Benzo(a)anthracene	mg/kg																		
Benzo(a)pyrene	mg/kg																		
Benzo(b)fluoranthene	mg/kg																		
Benzo(ghi)perylene	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS03					STEP-46SS03					STEP-46SS04				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS03(0-0.5)-020312					46SS03(1-2)-020312					46SS04(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		STEP-46SS04					STEP-46SS05					STEP-46SS05				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		46SS04(1-2)-020312					46SS05(0-0.5)-020312					46SS05(1-2)-020312				
Sample Date:		12-MAR-02					12-MAR-02					12-MAR-02				
Sample Depth:		1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS06					STEP-46SS06					STEP-46SS07				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS06(0-0.5)-020312					46SS06(1-2)-020312					46SS07(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-46SS07					STEP-46SS07					STEP-46SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS07(00.5)0203FD					46SS07(1-2)-020312					46SS08(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS08					STEP-46SS09					STEP-46SS09				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS08(1-2)-020312					46SS09(0-0.5)-020312					46SS09(1-2)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-46SS10					STEP-46SS10					STEP-46SS11				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS10(0-0.5)-020312					46SS10(1-2)-020312					46SS11(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-46SS11					STEP-46SS12					STEP-46SS12				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS11(1-2)-020312					46SS12(0-0.5)-020312					46SS12(00.5)0203FD				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS12					STEP-46SS13					STEP-46SS13				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS12(1-2)-020312					46SS13(0-0.5)-020312					46SS13(1-2)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-46SS14					STEP-46SS14					STEP-46SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS14(0-0.5)-020312					46SS14(1-2)-020312					46SS15(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-46SS15					STEP-47SS01					STEP-47SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS15(1-2)-020312					47SS01(0-0.5)-020310					47SS01(1-2)-020310				
	Sample Date:	12-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group																
Location Code:		STEP-47SS02					STEP-47SS02					STEP-47SS03				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		47SS02(0-0.5)-020310					47SS02(1-2)-020310					47SS03(0-0.5)-020310				
Sample Date:		10-MAR-02					10-MAR-02					10-MAR-02				
Sample Depth:		.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-47SS03					STEP-47SS03					STEP-47SS04				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS03(00.5)0203FD					47SS03(1-2)-020310					47SS04(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-47SS04					STEP-47SS05					STEP-47SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS04(1-2)-020310					47SS05(0-0.5)-020310					47SS05(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-47SS06					STEP-47SS06					STEP-47SS07				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS06(0-0.5)-020310					47SS06(1-2)-020310					47SS07(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-47SS07					STEP-47SS08					STEP-47SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS07(1-2)-020310					47SS08(0-0.5)-020310					47SS08(00.5)0203FD				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-47SS08					STEP-47SS09					STEP-47SS09				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS08(1-2)-020310					47SS09(0-0.5)-020310					47SS09(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS10					STEP-47SS10					STEP-50SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS10(0-0.5)-020310					47SS10(1-2)-020310					50SS01(0-0.5)-020309				
	Sample Date:	10-MAR-02					10-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-50SS01					STEP-50SS02					STEP-50SS02				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	50SS01(1-2)-020309					50SS02(0-0.5)-020309					50SS02(1-2)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-50SS03					STEP-50SS03					STEP-50SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	50SS03(0-0.5)-020309					50SS03(00.5)0203FD					50SS03(1-2)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-50SS04					STEP-50SS04					STEP-50SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	50SS04(0-0.5)-020309					50SS04(1-2)-020309					50SS05(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Tin	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PAH																
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Anthracene	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

	Location Code:	STEP-50SS05					
	Associated Site:	Industrial Sub-Area					
	Sample No:	50SS05(1-2)-020309					
	Sample Date:	09-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
METALS							
Cadmium	mg/kg						
Calcium	mg/kg						
Chromium	mg/kg						
Cobalt	mg/kg						
Copper	mg/kg						
Iron	mg/kg						
Lead	mg/kg						
Magnesium	mg/kg						
Manganese	mg/kg						
Mercury	mg/kg						
Molybdenum	mg/kg						
Nickel	mg/kg						
Potassium	mg/kg						
Selenium	mg/kg						
Silver	mg/kg						
Sodium	mg/kg						
Strontium	mg/kg						
Thallium	mg/kg						
Tin	mg/kg						
Vanadium	mg/kg						
Zinc	mg/kg						
PAH							
Acenaphthene	mg/kg						
Acenaphthylene	mg/kg						
Anthracene	mg/kg						
Benzo(a)anthracene	mg/kg						
Benzo(a)pyrene	mg/kg						
Benzo(b)fluoranthene	mg/kg						
Benzo(ghi)perylene	mg/kg						

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-GP150-SS					MAM-P2212-SS					MAM-P2237-SS				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-GP150-SS					MAM-P2212-SS					MAM-P2237-SS				
	Sample Date:	25-FEB-04					25-FEB-04					25-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg	.0094	J	J	.019	.0048	.0651			.017	.0043	.072			.017	.0044
Chrysene	mg/kg	.0091	J	J	.019	.0048	.0873		J	.017	.0043	.102		J	.017	.0044
Dibenzo(a,h)anthracene	mg/kg	.019	U	U	.019	.0048	.017	U	U	.017	.0043	.0062	J	J	.017	.0044
Fluoranthene	mg/kg	.013	J	J	.097	.012	.135		J	.085	.011	.127		J	.087	.011
Fluorene	mg/kg	.097	U	U	.097	.012	.085	U	U	.085	.011	.087	U	U	.087	.011
Indeno(1,2,3-cd)pyrene	mg/kg	.019	U	U	.019	.0048	.0339			.017	.0043	.0437			.017	.0044
Naphthalene	mg/kg	.097	U	U	.097	.012	.085	U	U	.085	.011	.087	U	U	.087	.011
Phenanthrene	mg/kg	.097	U	U	.097	.012	.1			.085	.011	.0228	J	J	.087	.011
Pyrene	mg/kg	.0123	J	J	.097	.012	.104		J	.085	.011	.112		J	.087	.011
PCBS																
Aroclor 1016	mg/kg	.024	U	U	.024	.012	.021	U	U	.021	.011	.21	U	U	.21	.11
Aroclor 1221	mg/kg	.024	U	U	.024	.019	.021	U	U	.021	.017	.21	U	U	.21	.17
Aroclor 1232	mg/kg	.024	U	U	.024	.019	.021	U	U	.021	.017	.21	U	U	.21	.17
Aroclor 1242	mg/kg	.024	U	U	.024	.012	.021	U	U	.021	.011	.21	U	U	.21	.11
Aroclor 1248	mg/kg	.024	U	U	.024	.012	.021	U	U	.021	.011	.21	U	U	.21	.11
Aroclor 1254	mg/kg	.024	U	U	.024	.012	.021	U	U	.021	.011	.21	U	U	.21	.11
Aroclor 1260	mg/kg	.024	U	U	.024	.012	.021	U	U	.021	.011	.21	U	U	.21	.11
PERC																
Perchlorate	ug/kg	150	U	U	150	73	130	U	U	130	65	130	U	U	130	66
PESTICIDES																
4,4'-DDD	mg/kg	.0049	U	U	.0049	.00097	.0042	U	U	.0042	.00085	.0086	U	U	.0086	.0017
4,4'-DDE	mg/kg	.0049	U	UJ	.0049	.00097	.0042	U	UJ	.0042	.00085	.0086	U	UJ	.0086	.0086
4,4'-DDT	mg/kg	.0049	U	UJ	.0049	.0015	.0042	U	UJ	.0042	.0042	.0061	J	J	.0086	.0026
Aldrin	mg/kg	.0024	U	U	.0024	.00097	.0021	U	U	.0021	.00085	.0043	U	U	.0043	.0017
Chlordane (Technical)	mg/kg	.024	U	U	.024	.012	.021	U	U	.021	.011	.043	U	U	.043	.021
Dieldrin	mg/kg	.0024	U	UJ	.0024	.00097	.0021	U	UJ	.0021	.00085	.0043	U	UJ	.0043	.0017
Endosulfan I	mg/kg	.0024	U	U	.0024	.00097	.0021	U	U	.0021	.00085	.0043	U	U	.0043	.0017

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-P2268-SS					MAM-P2544-SS					MAM-P2571-SS				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-P2268-SS					MAM-P2544-SS					MAM-P2571-SS				
	Sample Date:	25-FEB-04					25-FEB-04					25-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg	.0089	J	J	.018	.0044	.018	U	U	.018	.0044	.0356			.017	.0043
Chrysene	mg/kg	.0133	J	J	.018	.0044	.018	U	UJ	.018	.0044	.0712		J	.017	.0043
Dibenzo(a,h)anthracene	mg/kg	.018	U	U	.018	.0044	.018	U	U	.018	.0044	.017	U	U	.017	.0043
Fluoranthene	mg/kg	.0137	J	J	.088	.011	.089	U	UJ	.089	.011	.128	J	J	.17	.021
Fluorene	mg/kg	.088	U	U	.088	.011	.089	U	U	.089	.011	.17	U	U	.17	.021
Indeno(1,2,3-cd)pyrene	mg/kg	.0081	J	J	.018	.0044	.018	U	U	.018	.0044	.0171			.017	.0043
Naphthalene	mg/kg	.088	U	U	.088	.011	.089	U	U	.089	.011	.17	U	U	.17	.021
Phenanthrene	mg/kg	.088	U	U	.088	.011	.089	U	U	.089	.011	.0703	J	J	.17	.021
Pyrene	mg/kg	.088	U	UJ	.088	.011	.089	U	UJ	.089	.011	.0856		J	.085	.011
PCBS																
Aroclor 1016	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.022	U	U	.022	.011
Aroclor 1221	mg/kg	.022	U	U	.022	.018	.022	U	U	.022	.018	.022	U	U	.022	.017
Aroclor 1232	mg/kg	.022	U	U	.022	.018	.022	U	U	.022	.018	.022	U	U	.022	.017
Aroclor 1242	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.022	U	U	.022	.011
Aroclor 1248	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.022	U	U	.022	.011
Aroclor 1254	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.022	U	U	.022	.011
Aroclor 1260	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.022	U	U	.022	.011
PERC																
Perchlorate	ug/kg	140	U	U	140	68						130	U	U	130	65
PESTICIDES																
4,4'-DDD	mg/kg	.0044	U	U	.0044	.00089	.0045	U	U	.0045	.0009	.0043	U	U	.0043	.00086
4,4'-DDE	mg/kg	.0044	U	UJ	.0044	.00089	.0045	U	UJ	.0045	.0009	.0017	J	J	.0043	.00086
4,4'-DDT	mg/kg	.0044	U	UJ	.0044	.0013	.0045	U	UJ	.0045	.0013	.0043	U	UJ	.0043	.0013
Aldrin	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.0009	.0022	U	U	.0022	.00086
Chlordane (Technical)	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.022	U	U	.022	.011
Dieldrin	mg/kg	.0022	U	UJ	.0022	.00089	.0022	U	UJ	.0022	.0009	.0022	U	UJ	.0022	.00086
Endosulfan I	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.0009	.0022	U	U	.0022	.00086

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-P2571-SS					MAM-P2586-SS					MAM-W220-SS				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-P2571-SS-QC					MAM-P2586-SS					MAM-W220-SS				
	Sample Date:	25-FEB-04					25-FEB-04					24-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg	.0162	J	J	.017	.0044	.0144	J	J	.017	.0044	.0065	J	J	.017	.0044
Chrysene	mg/kg	.0247		J	.017	.0044	.0224		J	.017	.0044	.0081	J	J	.017	.0044
Dibenzo(a,h)anthracene	mg/kg	.017	U	U	.017	.0044	.017	U	U	.017	.0044	.017	U	U	.017	.0044
Fluoranthene	mg/kg	.0421	J	J	.087	.011	.029	J	J	.087	.011	.087	U	U	.087	.011
Fluorene	mg/kg	.087	U	U	.087	.011	.087	U	U	.087	.011	.087	U	U	.087	.011
Indeno(1,2,3-cd)pyrene	mg/kg	.0078	J	J	.017	.0044	.0084	J	J	.017	.0044	.017	U	U	.017	.0044
Naphthalene	mg/kg	.087	U	U	.087	.011	.087	U	U	.087	.011	.087	U	U	.087	.011
Phenanthrene	mg/kg	.0142	J	J	.087	.011	.087	U	U	.087	.011	.087	U	U	.087	.011
Pyrene	mg/kg	.0301	J	J	.087	.011	.0234	J	J	.087	.011	.087	U	U	.087	.011
PCBS																
Aroclor 1016	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.021	U	U	.021	.011
Aroclor 1221	mg/kg	.022	U	U	.022	.018	.022	U	U	.022	.018	.021	U	U	.021	.017
Aroclor 1232	mg/kg	.022	U	U	.022	.018	.022	U	U	.022	.018	.021	U	U	.021	.017
Aroclor 1242	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.021	U	U	.021	.011
Aroclor 1248	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.021	U	U	.021	.011
Aroclor 1254	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.021	U	U	.021	.011
Aroclor 1260	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.036			.021	.011
PERC																
Perchlorate	ug/kg	130	U	U	130	67	140	U	U	140	66	130	U	U	130	66
PESTICIDES																
4,4'-DDD	mg/kg	.0044	U	U	.0044	.00089	.0044	U	U	.0044	.00088	.0043	U	U	.0043	.00086
4,4'-DDE	mg/kg	.0044	U	UJ	.0044	.00089	.0044	U	UJ	.0044	.00088	.0043	U	U	.0043	.00086
4,4'-DDT	mg/kg	.0044	U	UJ	.0044	.0013	.0044	U	UJ	.0044	.0013	.0043	U	U	.0043	.0013
Aldrin	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.00088	.0021	U	U	.0021	.00086
Chlordane (Technical)	mg/kg	.022	U	U	.022	.011	.022	U	U	.022	.011	.021	U	U	.021	.011
Dieldrin	mg/kg	.0022	U	UJ	.0022	.00089	.0022	U	UJ	.0022	.00088	.0021	U	U	.0021	.00086
Endosulfan I	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.00088	.0021	U	U	.0021	.00086

	Location Code:	MAM-W220-SS					MAM-W250-SS					STEP-04SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-W220-SS-QC					MAM-W250-SS					04SS01(0-0.5)-020310				
	Sample Date:	24-FEB-04					24-FEB-04					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg	.019	U	U	.019	.0048	.0089	J	J	.019	.0048					
Chrysene	mg/kg	.0058	J	J	.019	.0048	.0103	J	J	.019	.0048					
Dibenzo(a,h)anthracene	mg/kg	.019	U	U	.019	.0048	.019	U	U	.019	.0048					
Fluoranthene	mg/kg	.095	U	U	.095	.012	.096	U	U	.096	.012					
Fluorene	mg/kg	.095	U	U	.095	.012	.096	U	U	.096	.012					
Indeno(1,2,3-cd)pyrene	mg/kg	.019	U	U	.019	.0048	.019	U	U	.019	.0048					
Naphthalene	mg/kg	.095	U	U	.095	.012	.096	U	U	.096	.012					
Phenanthrene	mg/kg	.095	U	U	.095	.012	.096	U	U	.096	.012					
Pyrene	mg/kg	.095	U	U	.095	.012	.096	U	U	.096	.012					
PCBS																
Aroclor 1016	mg/kg	.024	U	U	.024	.012	.023	U	U	.023	.012					
Aroclor 1221	mg/kg	.024	U	U	.024	.019	.023	U	U	.023	.019					
Aroclor 1232	mg/kg	.024	U	U	.024	.019	.023	U	U	.023	.019					
Aroclor 1242	mg/kg	.024	U	U	.024	.012	.023	U	U	.023	.012					
Aroclor 1248	mg/kg	.024	U	U	.024	.012	.023	U	U	.023	.012					
Aroclor 1254	mg/kg	.024	U	U	.024	.012	.023	U	U	.023	.012					
Aroclor 1260	mg/kg	.0475			.024	.012	.179			.023	.012					
PERC																
Perchlorate	ug/kg	140	U	U	140	71	140	U	U	140	71	53.0			50.8	12.2
PESTICIDES																
4,4'-DDD	mg/kg	.0049	U	U	.0049	.00097	.0047	U	U	.0047	.00093					
4,4'-DDE	mg/kg	.0049	U	U	.0049	.00097	.0047	U	U	.0047	.00093					
4,4'-DDT	mg/kg	.0049	U	U	.0049	.0015	.0047	U	U	.0047	.0014					
Aldrin	mg/kg	.0024	U	U	.0024	.00097	.0023	U	U	.0023	.00093					
Chlordane (Technical)	mg/kg	.024	U	U	.024	.012	.023	U	U	.023	.012					
Dieldrin	mg/kg	.0024	U	U	.0024	.00097	.0023	U	U	.0023	.00093					
Endosulfan I	mg/kg	.0024	U	U	.0024	.00097	.0023	U	U	.0023	.00093					

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	04SS01(1-2)-020310					Sample No:	04SS02(0-0.5)-020310					Sample No:	04SS02(1-2)-020310				
		Sample Date:	10-MAR-02					Sample Date:	10-MAR-02					Sample Date:	10-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		24.5	J	J	40.3	9.66		43.6	U	U	43.6	10.4		40.3	U	U	40.3	9.66
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS03					STEP-04SS03					STEP-04SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS03(0-0.5)-020310					04SS03(00.5)0203FD					04SS03(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	61.4		J	41.6	9.97	72.3		J	41.3	9.88	866			45.5	10.9
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-04SS04	Industrial Sub-Area	04SS04(0-0.5)-020311	11-MAR-02	.0 - 0.5					
PAH											
Benzo(k)fluoranthene	mg/kg										
Chrysene	mg/kg										
Dibenzo(a,h)anthracene	mg/kg										
Fluoranthene	mg/kg										
Fluorene	mg/kg										
Indeno(1,2,3-cd)pyrene	mg/kg										
Naphthalene	mg/kg										
Phenanthrene	mg/kg										
Pyrene	mg/kg										
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg						122			45.5	10.9
PESTICIDES											
4,4'-DDD	mg/kg										
4,4'-DDE	mg/kg										
4,4'-DDT	mg/kg										
Aldrin	mg/kg										
Chlordane (Technical)	mg/kg										
Dieldrin	mg/kg										
Endosulfan I	mg/kg										

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-04SS04	Industrial Sub-Area	04SS04(1-2)-020311	11-MAR-02	1.0 - 2					
PAH											
Benzo(k)fluoranthene	mg/kg										
Chrysene	mg/kg										
Dibenzo(a,h)anthracene	mg/kg										
Fluoranthene	mg/kg										
Fluorene	mg/kg										
Indeno(1,2,3-cd)pyrene	mg/kg										
Naphthalene	mg/kg										
Phenanthrene	mg/kg										
Pyrene	mg/kg										
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg						124			44.1	10.6
PESTICIDES											
4,4'-DDD	mg/kg										
4,4'-DDE	mg/kg										
4,4'-DDT	mg/kg										
Aldrin	mg/kg										
Chlordane (Technical)	mg/kg										
Dieldrin	mg/kg										
Endosulfan I	mg/kg										

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-04SS05	Industrial Sub-Area	04SS05(0-0.5)-020311	11-MAR-02	.0 - 0.5					
PAH											
Benzo(k)fluoranthene	mg/kg										
Chrysene	mg/kg										
Dibenzo(a,h)anthracene	mg/kg										
Fluoranthene	mg/kg										
Fluorene	mg/kg										
Indeno(1,2,3-cd)pyrene	mg/kg										
Naphthalene	mg/kg										
Phenanthrene	mg/kg										
Pyrene	mg/kg										
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg						2210			1200	288
PESTICIDES											
4,4'-DDD	mg/kg										
4,4'-DDE	mg/kg										
4,4'-DDT	mg/kg										
Aldrin	mg/kg										
Chlordane (Technical)	mg/kg										
Dieldrin	mg/kg										
Endosulfan I	mg/kg										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	04SS05(1-2)-020311					Sample No:	04SS06(0-0.5)-020311					Sample No:	04SS06(1-2)-020311				
		Sample Date:	11-MAR-02					Sample Date:	11-MAR-02					Sample Date:	11-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		9340			4500	1080		163000			44500	10600		160000			75700	18100
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

	Location Code:	STEP-04SS07					STEP-04SS07					STEP-04SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS07(0-0.5)-020311					04SS07(1-2)-020311					04SS08(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	29.3	J	J	46.3	11.1	46.0			44.9	10.7	45.8	U	U	45.8	11.0
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS08					STEP-04SS08					STEP-04SS09				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS08(00.5)0203FD					04SS08(1-2)-020311					04SS09(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	434			45.5	10.9	171			45.9	11.0	48.2	U	U	48.2	11.6
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		STEP-04SS09					STEP-04SS10					STEP-04SS10				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		04SS09(1-2)-020311					04SS10(0-0.5)-020311					04SS10(1-2)-020311				
Sample Date:		11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	14.6	J	J	48.6	11.6	51.0	U	U	51.0	12.2	14.0	J	J	46.8	11.2
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Location Code:		STEP-04SS11					STEP-04SS11					STEP-04SS11				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		04SS11(0-0.5)-020311					04SS11(00.5)0203FD					04SS11(1-2)-020311				
Sample Date:		11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	139		J	51.8	12.4	38.5	J	J	53.6	12.8	49.2	U	U	49.2	11.8
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		STEP-04SS13					STEP-04SS13					STEP-04SS14				
		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		04SS13(0-0.5)-020311					04SS13(1-2)-020311					04SS14(0-0.5)-020311				
		11-MAR-02					11-MAR-02					11-MAR-02				
		.0 - 0.5					1.0 - 2					.0 - 0.5				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	49.7	U	U	49.7	11.9	48.8	U	U	48.8	11.7	51.4	U	U	51.4	12.3
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	04SS14(1-2)-020311					Sample No:	04SS15(0-0.5)-020311					Sample No:	04SS15(1-2)-020311				
		Sample Date:	11-MAR-02					Sample Date:	11-MAR-02					Sample Date:	11-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		51.6	U	U	51.6	12.4		50.3	U	U	50.3	12.1		45.2	U	U	45.2	10.8
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS01(0-0.5)-020309					Sample No:	29SS01(1-2)-020309					Sample No:	29SS02(0-0.5)-020309				
		Sample Date:	09-MAR-02					Sample Date:	09-MAR-02					Sample Date:	09-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		45.7	U	U	45.7	10.9		42.7	U	U	42.7	10.2		104			41.1	9.85
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS02(1-2)-020309					Sample No:	29SS03(0-0.5)-020309					Sample No:	29SS03(00.5)0203FD				
		Sample Date:	09-MAR-02					Sample Date:	09-MAR-02					Sample Date:	09-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		2410			2110	505		45.8	U	U	45.8	11.0		21.4	J	J	43.5	10.4
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS03(1-2)-020309					Sample No:	29SS04(0-0.5)-020309					Sample No:	29SS04(1-2)-020309				
		Sample Date:	09-MAR-02					Sample Date:	09-MAR-02					Sample Date:	09-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		44.1	U	U	44.1	10.6		42.9	U	U	42.9	10.3		43.6			40.8	9.77
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS05(0-0.5)-020309					Sample No:	29SS05(1-2)-020309					Sample No:	29SS06(0-0.5)-020309				
		Sample Date:	09-MAR-02					Sample Date:	09-MAR-02					Sample Date:	09-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		43.6	U	U	43.6	10.4		41.7	U	U	41.7	9.99		29.8	J	J	43.3	10.4
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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	Location Code:	STEP-29SS06					STEP-29SS07					STEP-29SS07				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS06(1-2)-020309					29SS07(0-0.5)-020309					29SS07(1-2)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	62.8			42.5	10.2	26.7	J	J	38.1	9.13	38.2	U	U	38.2	9.14
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	STEP-29SS08					STEP-29SS08					STEP-29SS08				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS08(0-0.5)-020310					29SS08(00.5)0203FD					29SS08(1-2)-020310				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	.0 - 0.5					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PAH																	
Benzo(k)fluoranthene	mg/kg																
Chrysene	mg/kg																
Dibenzo(a,h)anthracene	mg/kg																
Fluoranthene	mg/kg																
Fluorene	mg/kg																
Indeno(1,2,3-cd)pyrene	mg/kg																
Naphthalene	mg/kg																
Phenanthrene	mg/kg																
Pyrene	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		47.6	U	U	47.6	11.4	47.8	U	U	47.8	11.5	45.4	U	U	45.4	10.9
PESTICIDES																	
4,4'-DDD	mg/kg																
4,4'-DDE	mg/kg																
4,4'-DDT	mg/kg																
Aldrin	mg/kg																
Chlordane (Technical)	mg/kg																
Dieldrin	mg/kg																
Endosulfan I	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS09(0-0.5)-020310					Sample No:	29SS09(1-2)-020310					Sample No:	29SS10(0-0.5)-020310				
		Sample Date:	10-MAR-02					Sample Date:	10-MAR-02					Sample Date:	10-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		44.8	U	U	44.8	10.7		45.9	U	U	45.9	11.0		45.4	U	U	45.4	10.9
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS10(1-2)-020310					Sample No:	29SS11(0-0.5)-020310					Sample No:	29SS11(1-2)-020310				
		Sample Date:	10-MAR-02					Sample Date:	10-MAR-02					Sample Date:	10-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		44.5	U	U	44.5	10.7		44.8	U	U	44.8	10.7		42.4	U	U	42.4	10.2
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS12(0-0.5)-020310					Sample No:	29SS12(1-2)-020310					Sample No:	29SS13(0-0.5)-020310				
		Sample Date:	10-MAR-02					Sample Date:	10-MAR-02					Sample Date:	10-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		42.8	U	U	42.8	10.3		44.0	U	U	44.0	10.5		49.6	U	U	49.6	11.9
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS13(00.5)0203FD					Sample No:	29SS13(1-2)-020310					Sample No:	29SS14(0-0.5)-020310				
		Sample Date:	10-MAR-02					Sample Date:	10-MAR-02					Sample Date:	10-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		50.7	U	U	50.7	12.1		30.2	J	J	40.5	9.70		47.4	U	U	47.4	11.4
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

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Summary of Validated Soil Analytical Data
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User Test Group / Parameter	Units	Location Code:	STEP-29SS14					STEP-29SS15					STEP-29SS15				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS14(1-2)-020310					29SS15(0-0.5)-020310					29SS15(1-2)-020310				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PAH																	
Benzo(k)fluoranthene	mg/kg																
Chrysene	mg/kg																
Dibenzo(a,h)anthracene	mg/kg																
Fluoranthene	mg/kg																
Fluorene	mg/kg																
Indeno(1,2,3-cd)pyrene	mg/kg																
Naphthalene	mg/kg																
Phenanthrene	mg/kg																
Pyrene	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		47.2	U	U	47.2	11.3	48.2	U	U	48.2	11.5	44.6	U	U	44.6	10.7
PESTICIDES																	
4,4'-DDD	mg/kg																
4,4'-DDE	mg/kg																
4,4'-DDT	mg/kg																
Aldrin	mg/kg																
Chlordane (Technical)	mg/kg																
Dieldrin	mg/kg																
Endosulfan I	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS16(0-0.5)-020917					Sample No:	29SS16(1-2)-020917					Sample No:	29SS17(0-0.5)-020917				
		Sample Date:	17-SEP-02					Sample Date:	17-SEP-02					Sample Date:	17-SEP-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		40.8	U	U	40.8	14.8		41.7	U	U	41.7	15.1		425			42.9	15.6
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

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Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS17(1-2)-020917					Sample No:	29SS18(0-0.5)-020917					Sample No:	29SS18(1-2)-020917				
		Sample Date:	17-SEP-02					Sample Date:	17-SEP-02					Sample Date:	17-SEP-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		220			42.7	15.5		43.8	U	U	43.8	15.9		44.1	U	U	44.1	16.0
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

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Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS19(0-0.5)-020917					Sample No:	29SS19(1-2)-020917					Sample No:	29SS20(0-0.5)-020917				
		Sample Date:	17-SEP-02					Sample Date:	17-SEP-02					Sample Date:	17-SEP-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		42.2	U	U	42.2	15.3		42.8	U	U	42.8	15.5		41.6	U	U	41.6	15.1
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-29SS20	Industrial Sub-Area	29SS20(1-2)-020917	17-SEP-02	1.0 - 2					
PAH											
Benzo(k)fluoranthene	mg/kg										
Chrysene	mg/kg										
Dibenzo(a,h)anthracene	mg/kg										
Fluoranthene	mg/kg										
Fluorene	mg/kg										
Indeno(1,2,3-cd)pyrene	mg/kg										
Naphthalene	mg/kg										
Phenanthrene	mg/kg										
Pyrene	mg/kg										
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg						41.8	U	U	41.8	15.2
PESTICIDES											
4,4'-DDD	mg/kg										
4,4'-DDE	mg/kg										
4,4'-DDT	mg/kg										
Aldrin	mg/kg										
Chlordane (Technical)	mg/kg										
Dieldrin	mg/kg										
Endosulfan I	mg/kg										

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-29SS21	Industrial Sub-Area	29SS21(0-0.5)-020917	17-SEP-02	.0 - 0.5					
PAH											
Benzo(k)fluoranthene	mg/kg										
Chrysene	mg/kg										
Dibenzo(a,h)anthracene	mg/kg										
Fluoranthene	mg/kg										
Fluorene	mg/kg										
Indeno(1,2,3-cd)pyrene	mg/kg										
Naphthalene	mg/kg										
Phenanthrene	mg/kg										
Pyrene	mg/kg										
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg						41.7	U	U	41.7	15.1
PESTICIDES											
4,4'-DDD	mg/kg										
4,4'-DDE	mg/kg										
4,4'-DDT	mg/kg										
Aldrin	mg/kg										
Chlordane (Technical)	mg/kg										
Dieldrin	mg/kg										
Endosulfan I	mg/kg										

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-29SS21	Industrial Sub-Area	29SS21(00.5)0209FD	17-SEP-02	.0 - 0.5					
PAH											
Benzo(k)fluoranthene	mg/kg										
Chrysene	mg/kg										
Dibenzo(a,h)anthracene	mg/kg										
Fluoranthene	mg/kg										
Fluorene	mg/kg										
Indeno(1,2,3-cd)pyrene	mg/kg										
Naphthalene	mg/kg										
Phenanthrene	mg/kg										
Pyrene	mg/kg										
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg						42.6	U	U	42.6	15.5
PESTICIDES											
4,4'-DDD	mg/kg										
4,4'-DDE	mg/kg										
4,4'-DDT	mg/kg										
Aldrin	mg/kg										
Chlordane (Technical)	mg/kg										
Dieldrin	mg/kg										
Endosulfan I	mg/kg										

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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	29SS21(1-2)-020917					Sample No:	29SS22(0-0.5)-020918					Sample No:	29SS22(1-2)-020918				
		Sample Date:	17-SEP-02					Sample Date:	18-SEP-02					Sample Date:	18-SEP-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		43.4	U	U	43.4	15.8		42.4	U	U	42.4	15.4		41.1	U	U	41.1	14.9
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		STEP-29SS23					STEP-29SS23					STEP-29SS24				
		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		29SS23(0-0.5)-020918					29SS23(1-2)-020918					29SS24(0-0.5)-020918				
		18-SEP-02					18-SEP-02					18-SEP-02				
		.0 - 0.5					1.0 - 2					.0 - 0.5				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	42.7	U	U	42.7	15.5	41.4	U	U	41.4	15.0	41.1	U	U	41.1	14.9
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

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Summary of Validated Soil Analytical Data
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	Location Code:	STEP-29SS24					STEP-29SS25					STEP-29SS26				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS24(1-2)-020918					29SS25(0-0.5)-020918					29SS26(0-0.5)-020919				
	Sample Date:	18-SEP-02					18-SEP-02					19-SEP-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	43.2	U	U	43.2	15.7	56.0	U	U	56.0	20.3	51.5	U	U	51.5	18.7
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

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Summary of Validated Soil Analytical Data
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User Test Group / Parameter	Units	Location Code: STEP-29SS27 / Associated Site: Industrial Sub-Area / Sample No: 29SS27(0-0.5)-020919 / Sample Date: 19-SEP-02 / Sample Depth: .0 - 0.5					Location Code: STEP-29SS28 / Associated Site: Industrial Sub-Area / Sample No: 29SS28(0-0.5)-020918 / Sample Date: 18-SEP-02 / Sample Depth: .0 - 0.5					Location Code: STEP-46SS01 / Associated Site: Industrial Sub-Area / Sample No: 46SS01(0-0.5)-020311 / Sample Date: 11-MAR-02 / Sample Depth: .0 - 0.5				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	53.1	U	U	53.1	19.3	53.0	U	U	53.0	19.3	61.0	U	U	61.0	14.6
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
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User Test Group / Parameter	Units	Location Code:	STEP-46SS01					STEP-46SS02					STEP-46SS02				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	46SS01(1-2)-020311					46SS02(0-0.5)-020311					46SS02(1-2)-020311				
		Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PAH																	
Benzo(k)fluoranthene	mg/kg																
Chrysene	mg/kg																
Dibenzo(a,h)anthracene	mg/kg																
Fluoranthene	mg/kg																
Fluorene	mg/kg																
Indeno(1,2,3-cd)pyrene	mg/kg																
Naphthalene	mg/kg																
Phenanthrene	mg/kg																
Pyrene	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		47.4	U	U	47.4	11.4	60.6	U	U	60.6	14.5	50.5	U	U	50.5	12.1
PESTICIDES																	
4,4'-DDD	mg/kg																
4,4'-DDE	mg/kg																
4,4'-DDT	mg/kg																
Aldrin	mg/kg																
Chlordane (Technical)	mg/kg																
Dieldrin	mg/kg																
Endosulfan I	mg/kg																

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Summary of Validated Soil Analytical Data
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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	46SS03(0-0.5)-020312					Sample No:	46SS03(1-2)-020312					Sample No:	46SS04(0-0.5)-020312				
		Sample Date:	12-MAR-02					Sample Date:	12-MAR-02					Sample Date:	12-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		59.0	U	U	59.0	14.1		47.0	U	U	47.0	11.2		54.1	U	U	54.1	12.9
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

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Summary of Validated Soil Analytical Data
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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	46SS04(1-2)-020312					Sample No:	46SS05(0-0.5)-020312					Sample No:	46SS05(1-2)-020312				
		Sample Date:	12-MAR-02					Sample Date:	12-MAR-02					Sample Date:	12-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		47.5	U	U	47.5	11.4		51.1	U	U	51.1	12.2		49.4	U	U	49.4	11.8
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

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Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	46SS06(0-0.5)-020312					Sample No:	46SS06(1-2)-020312					Sample No:	46SS07(0-0.5)-020312				
		Sample Date:	12-MAR-02					Sample Date:	12-MAR-02					Sample Date:	12-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		47.6	U	U	47.6	11.4		54.3	U	U	54.3	13.0		53.4	U	U	53.4	12.8
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

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Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	46SS07(00.5)0203FD					Sample No:	46SS07(1-2)-020312					Sample No:	46SS08(0-0.5)-020312				
		Sample Date:	12-MAR-02					Sample Date:	12-MAR-02					Sample Date:	12-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		53.3	U	U	53.3	12.8		51.9	U	U	51.9	12.4		49.2	U	U	49.2	11.8
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

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Summary of Validated Soil Analytical Data
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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	46SS08(1-2)-020312					Sample No:	46SS09(0-0.5)-020312					Sample No:	46SS09(1-2)-020312				
		Sample Date:	12-MAR-02					Sample Date:	12-MAR-02					Sample Date:	12-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		44.4	U	U	44.4	10.6		57.8	U	U	57.8	13.9		46.7	U	U	46.7	11.2
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-46SS10					STEP-46SS10					STEP-46SS11				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	46SS10(0-0.5)-020312					46SS10(1-2)-020312					46SS11(0-0.5)-020312				
		Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PAH																	
Benzo(k)fluoranthene	mg/kg																
Chrysene	mg/kg																
Dibenzo(a,h)anthracene	mg/kg																
Fluoranthene	mg/kg																
Fluorene	mg/kg																
Indeno(1,2,3-cd)pyrene	mg/kg																
Naphthalene	mg/kg																
Phenanthrene	mg/kg																
Pyrene	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		56.8	U	U	56.8	13.6	51.3	U	U	51.3	12.3	50.5	U	U	50.5	12.1
PESTICIDES																	
4,4'-DDD	mg/kg																
4,4'-DDE	mg/kg																
4,4'-DDT	mg/kg																
Aldrin	mg/kg																
Chlordane (Technical)	mg/kg																
Dieldrin	mg/kg																
Endosulfan I	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	46SS11(1-2)-020312					Sample No:	46SS12(0-0.5)-020312					Sample No:	46SS12(00.5)0203FD				
		Sample Date:	12-MAR-02					Sample Date:	12-MAR-02					Sample Date:	12-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		48.6	U	U	48.6	11.6		77.2	U	U	77.2	18.5		72.7	U	U	72.7	17.4
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-46SS12	Industrial Sub-Area	46SS12(1-2)-020312	12-MAR-02	1.0 - 2					
		STEP-46SS13	Industrial Sub-Area	46SS13(0-0.5)-020312	12-MAR-02	.0 - 0.5					
		STEP-46SS13	Industrial Sub-Area	46SS13(1-2)-020312	12-MAR-02	1.0 - 2					
PAH											
Benzo(k)fluoranthene	mg/kg										
Chrysene	mg/kg										
Dibenzo(a,h)anthracene	mg/kg										
Fluoranthene	mg/kg										
Fluorene	mg/kg										
Indeno(1,2,3-cd)pyrene	mg/kg										
Naphthalene	mg/kg										
Phenanthrene	mg/kg										
Pyrene	mg/kg										
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg						50.0	U	U	50.0	12.0
							51.9	U	U	51.9	12.4
							50.0	U	U	50.0	12.0
PESTICIDES											
4,4'-DDD	mg/kg										
4,4'-DDE	mg/kg										
4,4'-DDT	mg/kg										
Aldrin	mg/kg										
Chlordane (Technical)	mg/kg										
Dieldrin	mg/kg										
Endosulfan I	mg/kg										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	46SS14(0-0.5)-020312					Sample No:	46SS14(1-2)-020312					Sample No:	46SS15(0-0.5)-020312				
		Sample Date:	12-MAR-02					Sample Date:	12-MAR-02					Sample Date:	12-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		51.6	U	U	51.6	12.4		46.5	U	U	46.5	11.1		66.7	U	U	66.7	16.0
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS15					STEP-47SS01					STEP-47SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS15(1-2)-020312					47SS01(0-0.5)-020310					47SS01(1-2)-020310				
	Sample Date:	12-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	67.7	U	U	67.7	16.2	51.9	U	U	51.9	12.4	47.2	U	U	47.2	11.3
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-47SS02	Industrial Sub-Area	47SS02(0-0.5)-020310	10-MAR-02	.0 - 0.5					
		STEP-47SS02	Industrial Sub-Area	47SS02(1-2)-020310	10-MAR-02	1.0 - 2					
		STEP-47SS03	Industrial Sub-Area	47SS03(0-0.5)-020310	10-MAR-02	.0 - 0.5					
PAH											
Benzo(k)fluoranthene	mg/kg										
Chrysene	mg/kg										
Dibenzo(a,h)anthracene	mg/kg										
Fluoranthene	mg/kg										
Fluorene	mg/kg										
Indeno(1,2,3-cd)pyrene	mg/kg										
Naphthalene	mg/kg										
Phenanthrene	mg/kg										
Pyrene	mg/kg										
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg						56.3	U	U	56.3	13.5
							46.5	U	U	46.5	11.1
							49.0	U	U	49.0	11.7
PESTICIDES											
4,4'-DDD	mg/kg										
4,4'-DDE	mg/kg										
4,4'-DDT	mg/kg										
Aldrin	mg/kg										
Chlordane (Technical)	mg/kg										
Dieldrin	mg/kg										
Endosulfan I	mg/kg										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	47SS03(00.5)0203FD					Sample No:	47SS03(1-2)-020310					Sample No:	47SS04(0-0.5)-020310				
		Sample Date:	10-MAR-02					Sample Date:	10-MAR-02					Sample Date:	10-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		46.0	U	U	46.0	11.0		46.4	U	U	46.4	11.1		48.6	U	U	48.6	11.6
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	47SS04(1-2)-020310					Sample No:	47SS05(0-0.5)-020310					Sample No:	47SS05(1-2)-020310				
		Sample Date:	10-MAR-02					Sample Date:	10-MAR-02					Sample Date:	10-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		49.1	U	U	49.1	11.7		52.2	U	U	52.2	12.5		49.4	U	U	49.4	11.8
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

	Location Code:	STEP-47SS06					STEP-47SS06					STEP-47SS07				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS06(0-0.5)-020310					47SS06(1-2)-020310					47SS07(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	49.0	U	U	49.0	11.7	50.2	U	U	50.2	12.0	56.5	U	U	56.5	13.5
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	STEP-47SS07					STEP-47SS08					STEP-47SS08				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	47SS07(1-2)-020310					47SS08(0-0.5)-020310					47SS08(00.5)0203FD				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PAH																	
Benzo(k)fluoranthene	mg/kg																
Chrysene	mg/kg																
Dibenzo(a,h)anthracene	mg/kg																
Fluoranthene	mg/kg																
Fluorene	mg/kg																
Indeno(1,2,3-cd)pyrene	mg/kg																
Naphthalene	mg/kg																
Phenanthrene	mg/kg																
Pyrene	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		47.4	U	U	47.4	11.4	43.2	U	U	43.2	10.3	51.4	U	U	51.4	12.3
PESTICIDES																	
4,4'-DDD	mg/kg																
4,4'-DDE	mg/kg																
4,4'-DDT	mg/kg																
Aldrin	mg/kg																
Chlordane (Technical)	mg/kg																
Dieldrin	mg/kg																
Endosulfan I	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	47SS08(1-2)-020310					Sample No:	47SS09(0-0.5)-020310					Sample No:	47SS09(1-2)-020310				
		Sample Date:	10-MAR-02					Sample Date:	10-MAR-02					Sample Date:	10-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		46.8	U	U	46.8	11.2		43.4	U	U	43.4	10.4		44.1	U	U	44.1	10.6
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		STEP-47SS10					STEP-47SS10					STEP-50SS01				
		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		47SS10(0-0.5)-020310					47SS10(1-2)-020310					50SS01(0-0.5)-020309				
		10-MAR-02					10-MAR-02					09-MAR-02				
		.0 - 0.5					1.0 - 2					.0 - 0.5				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	49.5	U	U	49.5	11.8	25.5	J	J	44.6	10.7	45600			4670	1120
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	50SS01(1-2)-020309					Sample No:	50SS02(0-0.5)-020309					Sample No:	50SS02(1-2)-020309				
		Sample Date:	09-MAR-02					Sample Date:	09-MAR-02					Sample Date:	09-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PAH																			
Benzo(k)fluoranthene	mg/kg																		
Chrysene	mg/kg																		
Dibenzo(a,h)anthracene	mg/kg																		
Fluoranthene	mg/kg																		
Fluorene	mg/kg																		
Indeno(1,2,3-cd)pyrene	mg/kg																		
Naphthalene	mg/kg																		
Phenanthrene	mg/kg																		
Pyrene	mg/kg																		
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg		49.8	U	U	49.8	11.9		15100			9510	2280		46.0	U	U	46.0	11.0
PESTICIDES																			
4,4'-DDD	mg/kg																		
4,4'-DDE	mg/kg																		
4,4'-DDT	mg/kg																		
Aldrin	mg/kg																		
Chlordane (Technical)	mg/kg																		
Dieldrin	mg/kg																		
Endosulfan I	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-50SS03					STEP-50SS03					STEP-50SS03				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	50SS03(0-0.5)-020309					50SS03(00.5)0203FD					50SS03(1-2)-020309				
		Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
		Sample Depth:	.0 - 0.5					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PAH																	
Benzo(k)fluoranthene	mg/kg																
Chrysene	mg/kg																
Dibenzo(a,h)anthracene	mg/kg																
Fluoranthene	mg/kg																
Fluorene	mg/kg																
Indeno(1,2,3-cd)pyrene	mg/kg																
Naphthalene	mg/kg																
Phenanthrene	mg/kg																
Pyrene	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		40.6	J	J	47.0	11.3	14.7	J	J	47.6	11.4	45.8	U	U	45.8	11.0
PESTICIDES																	
4,4'-DDD	mg/kg																
4,4'-DDE	mg/kg																
4,4'-DDT	mg/kg																
Aldrin	mg/kg																
Chlordane (Technical)	mg/kg																
Dieldrin	mg/kg																
Endosulfan I	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-50SS04					STEP-50SS04					STEP-50SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	50SS04(0-0.5)-020309					50SS04(1-2)-020309					50SS05(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PAH																
Benzo(k)fluoranthene	mg/kg															
Chrysene	mg/kg															
Dibenzo(a,h)anthracene	mg/kg															
Fluoranthene	mg/kg															
Fluorene	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg															
Naphthalene	mg/kg															
Phenanthrene	mg/kg															
Pyrene	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	44.8	U	U	44.8	10.7	41.3	U	U	41.3	9.90	39.8	U	U	39.8	9.53
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Chlordane (Technical)	mg/kg															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-50SS05					
	Associated Site:	Industrial Sub-Area					
	Sample No:	50SS05(1-2)-020309					
	Sample Date:	09-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
PAH							
Benzo(k)fluoranthene	mg/kg						
Chrysene	mg/kg						
Dibenzo(a,h)anthracene	mg/kg						
Fluoranthene	mg/kg						
Fluorene	mg/kg						
Indeno(1,2,3-cd)pyrene	mg/kg						
Naphthalene	mg/kg						
Phenanthrene	mg/kg						
Pyrene	mg/kg						
PCBS							
Aroclor 1016	mg/kg						
Aroclor 1221	mg/kg						
Aroclor 1232	mg/kg						
Aroclor 1242	mg/kg						
Aroclor 1248	mg/kg						
Aroclor 1254	mg/kg						
Aroclor 1260	mg/kg						
PERC							
Perchlorate	ug/kg	45.6	U	U	45.6	10.9	
PESTICIDES							
4,4'-DDD	mg/kg						
4,4'-DDE	mg/kg						
4,4'-DDT	mg/kg						
Aldrin	mg/kg						
Chlordane (Technical)	mg/kg						
Dieldrin	mg/kg						
Endosulfan I	mg/kg						

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		MAM-GP150-SS					MAM-P2212-SS					MAM-P2237-SS				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		MAM-GP150-SS					MAM-P2212-SS					MAM-P2237-SS				
Sample Date:		25-FEB-04					25-FEB-04					25-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg	.0049	U	U	.0049	.00097	.0042	U	U	.0042	.00085	.0086	U	U	.0086	.0017
Endosulfan Sulfate	mg/kg	.0049	U	UJ	.0049	.00097	.0042	U	UJ	.0042	.00085	.0086	U	UJ	.0086	.0017
Endrin	mg/kg	.0049	U	U	.0049	.00097	.0042	U	U	.0042	.00085	.0086	U	U	.0086	.0017
Endrin aldehyde	mg/kg	.0049	U	UJ	.0049	.0019	.0042	U	UJ	.0042	.0017	.0086	U	UJ	.0086	.0034
Endrin ketone	mg/kg	.0049	U	UJ	.0049	.00097	.0042	U	UJ	.0042	.00085	.0086	U	UJ	.0086	.0017
Heptachlor	mg/kg	.0024	U	UJ	.0024	.00097	.0021	U	UJ	.0021	.00085	.0043	U	UJ	.0043	.0017
Heptachlor epoxide	mg/kg	.0024	U	U	.0024	.00097	.0021	U	U	.0021	.00085	.0043	U	U	.0043	.0017
METHOXYCHLOR	mg/kg	.0049	U	UJ	.0049	.0019	.0042	U	UJ	.0042	.0017	.0086	U	UJ	.0086	.0034
Toxaphene	mg/kg	.24	U	U	.24	.12	.21	U	U	.21	.11	.43	U	U	.43	.21
alpha-BHC	mg/kg	.0024	U	UJ	.0024	.00097	.0021	U	UJ	.0021	.00085	.0043	U	UJ	.0043	.0017
beta-BHC	mg/kg	.0024	U	U	.0024	.00097	.0021	U	U	.0021	.00085	.0043	U	U	.0043	.0017
delta-BHC	mg/kg	.0024	U	U	.0024	.00097	.0021	U	U	.0021	.00085	.0043	U	U	.0043	.0043
gamma-BHC (Lindane)	mg/kg	.0024	U	U	.0024	.00097	.0021	U	U	.0021	.00085	.0043	U	U	.0043	.0017
SOLIDS																
Percent Solids	Percent	68.7			0	-99	77.5			0	-99	76.2			0	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		MAM-P2268-SS					MAM-P2544-SS					MAM-P2571-SS				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		MAM-P2268-SS					MAM-P2544-SS					MAM-P2571-SS				
Sample Date:		25-FEB-04					25-FEB-04					25-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg	.0044	U	U	.0044	.00089	.0045	U	U	.0045	.0009	.0043	U	U	.0043	.00086
Endosulfan Sulfate	mg/kg	.0044	U	UJ	.0044	.00089	.0045	U	UJ	.0045	.0009	.0043	U	UJ	.0043	.00086
Endrin	mg/kg	.0044	U	U	.0044	.00089	.0045	U	U	.0045	.0009	.0043	U	U	.0043	.00086
Endrin aldehyde	mg/kg	.0044	U	UJ	.0044	.0018	.0045	U	UJ	.0045	.0018	.0043	U	UJ	.0043	.0017
Endrin ketone	mg/kg	.0044	U	UJ	.0044	.00089	.0045	U	UJ	.0045	.0009	.0043	U	UJ	.0043	.00086
Heptachlor	mg/kg	.0022	U	UJ	.0022	.00089	.0022	U	UJ	.0022	.0009	.0022	U	UJ	.0022	.00086
Heptachlor epoxide	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.0009	.0022	U	U	.0022	.00086
METHOXYCHLOR	mg/kg	.0044	U	UJ	.0044	.0018	.0045	U	UJ	.0045	.0018	.0043	U	UJ	.0043	.0017
Toxaphene	mg/kg	.22	U	U	.22	.11	.22	U	U	.22	.11	.22	U	U	.22	.11
alpha-BHC	mg/kg	.0022	U	UJ	.0022	.00089	.0022	U	UJ	.0022	.0009	.0022	U	UJ	.0022	.00086
beta-BHC	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.0009	.0022	U	U	.0022	.00086
delta-BHC	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.0009	.0022	U	U	.0022	.00086
gamma-BHC (Lindane)	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.0009	.0022	U	U	.0022	.00086
SOLIDS																
Percent Solids	Percent	73.7			0	-99	74.2			0	-99	77.4			0	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-P2571-SS					MAM-P2586-SS					MAM-W220-SS				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-P2571-SS-QC					MAM-P2586-SS					MAM-W220-SS				
	Sample Date:	25-FEB-04					25-FEB-04					24-FEB-04				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - .5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg	.0044	U	U	.0044	.00089	.0044	U	U	.0044	.00088	.0043	U	U	.0043	.00086
Endosulfan Sulfate	mg/kg	.0044	U	UJ	.0044	.00089	.0044	U	UJ	.0044	.00088	.0043	U	U	.0043	.00086
Endrin	mg/kg	.0044	U	U	.0044	.00089	.0044	U	U	.0044	.00088	.0043	U	U	.0043	.00086
Endrin aldehyde	mg/kg	.0044	U	UJ	.0044	.0018	.0044	U	UJ	.0044	.0018	.0043	U	UJ, L	.0043	.0017
Endrin ketone	mg/kg	.0044	U	UJ	.0044	.00089	.0044	U	UJ	.0044	.00088	.0043	U	U	.0043	.00086
Heptachlor	mg/kg	.0022	U	UJ	.0022	.00089	.0022	U	UJ	.0022	.00088	.0021	U	U	.0021	.00086
Heptachlor epoxide	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.00088	.0021	U	U	.0021	.00086
METHOXYCHLOR	mg/kg	.0044	U	UJ	.0044	.0018	.0044	U	UJ	.0044	.0018	.0043	U	U	.0043	.0017
Toxaphene	mg/kg	.22	U	U	.22	.11	.22	U	U	.22	.11	.21	U	U	.21	.11
alpha-BHC	mg/kg	.0022	U	UJ	.0022	.00089	.0022	U	UJ	.0022	.00088	.0021	U	U	.0021	.00086
beta-BHC	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.00088	.0021	U	U	.0021	.00086
delta-BHC	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.00088	.0021	U	U	.0021	.00086
gamma-BHC (Lindane)	mg/kg	.0022	U	U	.0022	.00089	.0022	U	U	.0022	.00088	.0021	U	UJ	.0021	.00086
SOLIDS																
Percent Solids	Percent	75			0	-99	75.3			0	-99	75.4			0	-99

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	MAM-W220-SS					MAM-W250-SS					STEP-04SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	MAM-W220-SS-QC					MAM-W250-SS					04SS01(0-0.5)-020310				
	Sample Date:	24-FEB-04					24-FEB-04					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - .5					.0 - .5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg	.0049	U	U	.0049	.00097	.0047	U	U	.0047	.00093					
Endosulfan Sulfate	mg/kg	.0049	U	U	.0049	.00097	.0047	U	U	.0047	.00093					
Endrin	mg/kg	.0049	U	U	.0049	.00097	.0047	U	U	.0047	.00093					
Endrin aldehyde	mg/kg	.0049	U	UJ, L	.0049	.0019	.0047	U	UJ, L	.0047	.0019					
Endrin ketone	mg/kg	.0049	U	U	.0049	.00097	.0047	U	U	.0047	.00093					
Heptachlor	mg/kg	.0024	U	U	.0024	.00097	.0023	U	U	.0023	.00093					
Heptachlor epoxide	mg/kg	.0024	U	U	.0024	.00097	.0023	U	U	.0023	.00093					
METHOXYCHLOR	mg/kg	.0049	U	U	.0049	.0019	.0047	U	U	.0047	.0019					
Toxaphene	mg/kg	.24	U	U	.24	.12	.23	U	U	.23	.12					
alpha-BHC	mg/kg	.0024	U	U	.0024	.00097	.0023	U	U	.0023	.00093					
beta-BHC	mg/kg	.0024	U	U	.0024	.00097	.0023	U	U	.0023	.00093					
delta-BHC	mg/kg	.0024	U	U	.0024	.00097	.0023	U	U	.0023	.00093					
gamma-BHC (Lindane)	mg/kg	.0024	U	UJ	.0024	.00097	.0023	U	UJ	.0023	.00093					
SOLIDS																
Percent Solids	Percent	70.6			0	-99	70.5			0	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-04SS01					STEP-04SS02					STEP-04SS02				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	04SS01(1-2)-020310					04SS02(0-0.5)-020310					04SS02(1-2)-020310				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
Endosulfan II	mg/kg																
Endosulfan Sulfate	mg/kg																
Endrin	mg/kg																
Endrin aldehyde	mg/kg																
Endrin ketone	mg/kg																
Heptachlor	mg/kg																
Heptachlor epoxide	mg/kg																
METHOXYCHLOR	mg/kg																
Toxaphene	mg/kg																
alpha-BHC	mg/kg																
beta-BHC	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
SOLIDS																	
Percent Solids	Percent																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS03					STEP-04SS03					STEP-04SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS03(0-0.5)-020310					04SS03(00.5)0203FD					04SS03(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-04SS04					STEP-04SS04					STEP-04SS05				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	04SS04(0-0.5)-020311					04SS04(1-2)-020311					04SS05(0-0.5)-020311				
		Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
Endosulfan II	mg/kg																
Endosulfan Sulfate	mg/kg																
Endrin	mg/kg																
Endrin aldehyde	mg/kg																
Endrin ketone	mg/kg																
Heptachlor	mg/kg																
Heptachlor epoxide	mg/kg																
METHOXYCHLOR	mg/kg																
Toxaphene	mg/kg																
alpha-BHC	mg/kg																
beta-BHC	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
SOLIDS																	
Percent Solids	Percent																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group																
Location Code:		STEP-04SS05					STEP-04SS06					STEP-04SS06				
Associated Site:		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
Sample No:		04SS05(1-2)-020311					04SS06(0-0.5)-020311					04SS06(1-2)-020311				
Sample Date:		11-MAR-02					11-MAR-02					11-MAR-02				
Sample Depth:		1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS07					STEP-04SS07					STEP-04SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS07(0-0.5)-020311					04SS07(1-2)-020311					04SS08(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-04SS08					STEP-04SS08					STEP-04SS09				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS08(00.5)0203FD					04SS08(1-2)-020311					04SS09(0-0.5)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:						Associated Site:						Associated Site:					
		Sample No:						Sample No:						Sample No:					
		Sample Date:						Sample Date:						Sample Date:					
		Sample Depth:						Sample Depth:						Sample Depth:					
			STEP-04SS09					STEP-04SS10						STEP-04SS10					
			Industrial Sub-Area					Industrial Sub-Area						Industrial Sub-Area					
			04SS09(1-2)-020311					04SS10(0-0.5)-020311						04SS10(1-2)-020311					
			11-MAR-02					11-MAR-02						11-MAR-02					
			1.0 - 2					.0 - 0.5						1.0 - 2					
PESTICIDES																			
Endosulfan II	mg/kg																		
Endosulfan Sulfate	mg/kg																		
Endrin	mg/kg																		
Endrin aldehyde	mg/kg																		
Endrin ketone	mg/kg																		
Heptachlor	mg/kg																		
Heptachlor epoxide	mg/kg																		
METHOXYCHLOR	mg/kg																		
Toxaphene	mg/kg																		
alpha-BHC	mg/kg																		
beta-BHC	mg/kg																		
delta-BHC	mg/kg																		
gamma-BHC (Lindane)	mg/kg																		
SOLIDS																			
Percent Solids	Percent																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS11					STEP-04SS11					STEP-04SS11				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS11(0-0.5)-020311					04SS11(00.5)0203FD					04SS11(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	04SS13(0-0.5)-020311					Sample No:	04SS13(1-2)-020311					Sample No:	04SS14(0-0.5)-020311				
		Sample Date:	11-MAR-02					Sample Date:	11-MAR-02					Sample Date:	11-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PESTICIDES																			
Endosulfan II	mg/kg																		
Endosulfan Sulfate	mg/kg																		
Endrin	mg/kg																		
Endrin aldehyde	mg/kg																		
Endrin ketone	mg/kg																		
Heptachlor	mg/kg																		
Heptachlor epoxide	mg/kg																		
METHOXYCHLOR	mg/kg																		
Toxaphene	mg/kg																		
alpha-BHC	mg/kg																		
beta-BHC	mg/kg																		
delta-BHC	mg/kg																		
gamma-BHC (Lindane)	mg/kg																		
SOLIDS																			
Percent Solids	Percent																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-04SS14					STEP-04SS15					STEP-04SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	04SS14(1-2)-020311					04SS15(0-0.5)-020311					04SS15(1-2)-020311				
	Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS01					STEP-29SS01					STEP-29SS02				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS01(0-0.5)-020309					29SS01(1-2)-020309					29SS02(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS02					STEP-29SS03					STEP-29SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS02(1-2)-020309					29SS03(0-0.5)-020309					29SS03(00.5)0203FD				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		Associated Site:					Associated Site:					Associated Site:				
		Sample No:					Sample No:					Sample No:				
		Sample Date:					Sample Date:					Sample Date:				
		Sample Depth:					Sample Depth:					Sample Depth:				
		Result					Result					Result				
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL
		Associated Site:				
		Sample No:				
		Sample Date:				
		Sample Depth:				
		Result				
PESTICIDES						
Endosulfan II	mg/kg					
Endosulfan Sulfate	mg/kg					
Endrin	mg/kg					
Endrin aldehyde	mg/kg					
Endrin ketone	mg/kg					
Heptachlor	mg/kg					
Heptachlor epoxide	mg/kg					
METHOXYCHLOR	mg/kg					
Toxaphene	mg/kg					
alpha-BHC	mg/kg					
beta-BHC	mg/kg					
delta-BHC	mg/kg					
gamma-BHC (Lindane)	mg/kg					
SOLIDS						
Percent Solids	Percent					

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS05					STEP-29SS05					STEP-29SS06				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS05(0-0.5)-020309					29SS05(1-2)-020309					29SS06(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group / Parameter	Units	Location Code:	STEP-29SS06					STEP-29SS07					STEP-29SS07				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS06(1-2)-020309					29SS07(0-0.5)-020309					29SS07(1-2)-020309				
		Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
Endosulfan II	mg/kg																
Endosulfan Sulfate	mg/kg																
Endrin	mg/kg																
Endrin aldehyde	mg/kg																
Endrin ketone	mg/kg																
Heptachlor	mg/kg																
Heptachlor epoxide	mg/kg																
METHOXYCHLOR	mg/kg																
Toxaphene	mg/kg																
alpha-BHC	mg/kg																
beta-BHC	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
SOLIDS																	
Percent Solids	Percent																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:						Associated Site:						Associated Site:					
		Sample No:						Sample No:						Sample No:					
		Sample Date:						Sample Date:						Sample Date:					
		Sample Depth:						Sample Depth:						Sample Depth:					
			STEP-29SS08					STEP-29SS08						STEP-29SS08					
			Industrial Sub-Area					Industrial Sub-Area						Industrial Sub-Area					
			29SS08(0-0.5)-020310					29SS08(00.5)0203FD						29SS08(1-2)-020310					
			10-MAR-02					10-MAR-02						10-MAR-02					
			.0 - 0.5					.0 - 0.5						1.0 - 2					
PESTICIDES																			
Endosulfan II	mg/kg																		
Endosulfan Sulfate	mg/kg																		
Endrin	mg/kg																		
Endrin aldehyde	mg/kg																		
Endrin ketone	mg/kg																		
Heptachlor	mg/kg																		
Heptachlor epoxide	mg/kg																		
METHOXYCHLOR	mg/kg																		
Toxaphene	mg/kg																		
alpha-BHC	mg/kg																		
beta-BHC	mg/kg																		
delta-BHC	mg/kg																		
gamma-BHC (Lindane)	mg/kg																		
SOLIDS																			
Percent Solids	Percent																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS09					STEP-29SS09					STEP-29SS10				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS09(0-0.5)-020310					29SS09(1-2)-020310					29SS10(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS10					STEP-29SS11					STEP-29SS11				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS10(1-2)-020310					29SS11(0-0.5)-020310					29SS11(1-2)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS12					STEP-29SS12					STEP-29SS13				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS12(0-0.5)-020310					29SS12(1-2)-020310					29SS13(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-29SS13					STEP-29SS13					STEP-29SS14				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	29SS13(00.5)0203FD					29SS13(1-2)-020310					29SS14(0-0.5)-020310				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
Endosulfan II	mg/kg																
Endosulfan Sulfate	mg/kg																
Endrin	mg/kg																
Endrin aldehyde	mg/kg																
Endrin ketone	mg/kg																
Heptachlor	mg/kg																
Heptachlor epoxide	mg/kg																
METHOXYCHLOR	mg/kg																
Toxaphene	mg/kg																
alpha-BHC	mg/kg																
beta-BHC	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
SOLIDS																	
Percent Solids	Percent																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-29SS14	Industrial Sub-Area	29SS14(1-2)-020310	10-MAR-02	1.0 - 2					
		STEP-29SS15	Industrial Sub-Area	29SS15(0-0.5)-020310	10-MAR-02	.0 - 0.5					
		STEP-29SS15	Industrial Sub-Area	29SS15(1-2)-020310	10-MAR-02	1.0 - 2					
PESTICIDES											
Endosulfan II	mg/kg										
Endosulfan Sulfate	mg/kg										
Endrin	mg/kg										
Endrin aldehyde	mg/kg										
Endrin ketone	mg/kg										
Heptachlor	mg/kg										
Heptachlor epoxide	mg/kg										
METHOXYCHLOR	mg/kg										
Toxaphene	mg/kg										
alpha-BHC	mg/kg										
beta-BHC	mg/kg										
delta-BHC	mg/kg										
gamma-BHC (Lindane)	mg/kg										
SOLIDS											
Percent Solids	Percent										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS16					STEP-29SS16					STEP-29SS17				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS16(0-0.5)-020917					29SS16(1-2)-020917					29SS17(0-0.5)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

	Location Code:	STEP-29SS17					STEP-29SS18					STEP-29SS18				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS17(1-2)-020917					29SS18(0-0.5)-020917					29SS18(1-2)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 0.5					1.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS19					STEP-29SS19					STEP-29SS20				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS19(0-0.5)-020917					29SS19(1-2)-020917					29SS20(0-0.5)-020917				
	Sample Date:	17-SEP-02					17-SEP-02					17-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-29SS20	Industrial Sub-Area	29SS20(1-2)-020917	17-SEP-02	1.0 - 2					
		STEP-29SS21	Industrial Sub-Area	29SS21(0-0.5)-020917	17-SEP-02	.0 - 0.5					
		STEP-29SS21	Industrial Sub-Area	29SS21(00.5)0209FD	17-SEP-02	.0 - 0.5					
PESTICIDES											
Endosulfan II	mg/kg										
Endosulfan Sulfate	mg/kg										
Endrin	mg/kg										
Endrin aldehyde	mg/kg										
Endrin ketone	mg/kg										
Heptachlor	mg/kg										
Heptachlor epoxide	mg/kg										
METHOXYCHLOR	mg/kg										
Toxaphene	mg/kg										
alpha-BHC	mg/kg										
beta-BHC	mg/kg										
delta-BHC	mg/kg										
gamma-BHC (Lindane)	mg/kg										
SOLIDS											
Percent Solids	Percent										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-29SS21	Industrial Sub-Area	29SS21(1-2)-020917	17-SEP-02	1.0 - 2					
		STEP-29SS22	Industrial Sub-Area	29SS22(0-0.5)-020918	18-SEP-02	.0 - 0.5					
		STEP-29SS22	Industrial Sub-Area	29SS22(1-2)-020918	18-SEP-02	1.0 - 2					
PESTICIDES											
Endosulfan II	mg/kg										
Endosulfan Sulfate	mg/kg										
Endrin	mg/kg										
Endrin aldehyde	mg/kg										
Endrin ketone	mg/kg										
Heptachlor	mg/kg										
Heptachlor epoxide	mg/kg										
METHOXYCHLOR	mg/kg										
Toxaphene	mg/kg										
alpha-BHC	mg/kg										
beta-BHC	mg/kg										
delta-BHC	mg/kg										
gamma-BHC (Lindane)	mg/kg										
SOLIDS											
Percent Solids	Percent										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS23					STEP-29SS23					STEP-29SS24				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS23(0-0.5)-020918					29SS23(1-2)-020918					29SS24(0-0.5)-020918				
	Sample Date:	18-SEP-02					18-SEP-02					18-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-29SS24					STEP-29SS25					STEP-29SS26				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS24(1-2)-020918					29SS25(0-0.5)-020918					29SS26(0-0.5)-020919				
	Sample Date:	18-SEP-02					18-SEP-02					19-SEP-02				
User Test Group	Sample Depth:	1.0 - 2					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-29SS27					STEP-29SS28					STEP-46SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	29SS27(0-0.5)-020919					29SS28(0-0.5)-020918					46SS01(0-0.5)-020311				
	Sample Date:	19-SEP-02					18-SEP-02					11-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group / Parameter	Units	Location Code:	STEP-46SS01					STEP-46SS02					STEP-46SS02				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	46SS01(1-2)-020311					46SS02(0-0.5)-020311					46SS02(1-2)-020311				
		Sample Date:	11-MAR-02					11-MAR-02					11-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
Endosulfan II	mg/kg																
Endosulfan Sulfate	mg/kg																
Endrin	mg/kg																
Endrin aldehyde	mg/kg																
Endrin ketone	mg/kg																
Heptachlor	mg/kg																
Heptachlor epoxide	mg/kg																
METHOXYCHLOR	mg/kg																
Toxaphene	mg/kg																
alpha-BHC	mg/kg																
beta-BHC	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
SOLIDS																	
Percent Solids	Percent																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	46SS03(0-0.5)-020312					Sample No:	46SS03(1-2)-020312					Sample No:	46SS04(0-0.5)-020312				
		Sample Date:	12-MAR-02					Sample Date:	12-MAR-02					Sample Date:	12-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PESTICIDES																			
Endosulfan II	mg/kg																		
Endosulfan Sulfate	mg/kg																		
Endrin	mg/kg																		
Endrin aldehyde	mg/kg																		
Endrin ketone	mg/kg																		
Heptachlor	mg/kg																		
Heptachlor epoxide	mg/kg																		
METHOXYCHLOR	mg/kg																		
Toxaphene	mg/kg																		
alpha-BHC	mg/kg																		
beta-BHC	mg/kg																		
delta-BHC	mg/kg																		
gamma-BHC (Lindane)	mg/kg																		
SOLIDS																			
Percent Solids	Percent																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-46SS04					STEP-46SS05					STEP-46SS05				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	46SS04(1-2)-020312					46SS05(0-0.5)-020312					46SS05(1-2)-020312				
		Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
Endosulfan II	mg/kg																
Endosulfan Sulfate	mg/kg																
Endrin	mg/kg																
Endrin aldehyde	mg/kg																
Endrin ketone	mg/kg																
Heptachlor	mg/kg																
Heptachlor epoxide	mg/kg																
METHOXYCHLOR	mg/kg																
Toxaphene	mg/kg																
alpha-BHC	mg/kg																
beta-BHC	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
SOLIDS																	
Percent Solids	Percent																

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS06					STEP-46SS06					STEP-46SS07				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS06(0-0.5)-020312					46SS06(1-2)-020312					46SS07(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-46SS07					STEP-46SS07					STEP-46SS08				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS07(00.5)0203FD					46SS07(1-2)-020312					46SS08(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	46SS08(1-2)-020312					Sample No:	46SS09(0-0.5)-020312					Sample No:	46SS09(1-2)-020312				
		Sample Date:	12-MAR-02					Sample Date:	12-MAR-02					Sample Date:	12-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2				
PESTICIDES																			
Endosulfan II	mg/kg																		
Endosulfan Sulfate	mg/kg																		
Endrin	mg/kg																		
Endrin aldehyde	mg/kg																		
Endrin ketone	mg/kg																		
Heptachlor	mg/kg																		
Heptachlor epoxide	mg/kg																		
METHOXYCHLOR	mg/kg																		
Toxaphene	mg/kg																		
alpha-BHC	mg/kg																		
beta-BHC	mg/kg																		
delta-BHC	mg/kg																		
gamma-BHC (Lindane)	mg/kg																		
SOLIDS																			
Percent Solids	Percent																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-46SS10					STEP-46SS10					STEP-46SS11				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	46SS10(0-0.5)-020312					46SS10(1-2)-020312					46SS11(0-0.5)-020312				
		Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
Endosulfan II	mg/kg																
Endosulfan Sulfate	mg/kg																
Endrin	mg/kg																
Endrin aldehyde	mg/kg																
Endrin ketone	mg/kg																
Heptachlor	mg/kg																
Heptachlor epoxide	mg/kg																
METHOXYCHLOR	mg/kg																
Toxaphene	mg/kg																
alpha-BHC	mg/kg																
beta-BHC	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
SOLIDS																	
Percent Solids	Percent																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		STEP-46SS11					STEP-46SS12					STEP-46SS12				
		Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		46SS11(1-2)-020312					46SS12(0-0.5)-020312					46SS12(00.5)0203FD				
		12-MAR-02					12-MAR-02					12-MAR-02				
		1.0 - 2					.0 - 0.5					.0 - 0.5				
		Result					Result					Result				
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-46SS12	Industrial Sub-Area	46SS12(1-2)-020312	12-MAR-02	1.0 - 2					
		STEP-46SS13	Industrial Sub-Area	46SS13(0-0.5)-020312	12-MAR-02	.0 - 0.5					
		STEP-46SS13	Industrial Sub-Area	46SS13(1-2)-020312	12-MAR-02	1.0 - 2					
PESTICIDES											
Endosulfan II	mg/kg										
Endosulfan Sulfate	mg/kg										
Endrin	mg/kg										
Endrin aldehyde	mg/kg										
Endrin ketone	mg/kg										
Heptachlor	mg/kg										
Heptachlor epoxide	mg/kg										
METHOXYCHLOR	mg/kg										
Toxaphene	mg/kg										
alpha-BHC	mg/kg										
beta-BHC	mg/kg										
delta-BHC	mg/kg										
gamma-BHC (Lindane)	mg/kg										
SOLIDS											
Percent Solids	Percent										

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-46SS14					STEP-46SS14					STEP-46SS15				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	46SS14(0-0.5)-020312					46SS14(1-2)-020312					46SS15(0-0.5)-020312				
	Sample Date:	12-MAR-02					12-MAR-02					12-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
		STEP-46SS15	Industrial Sub-Area	46SS15(1-2)-020312	12-MAR-02	1.0 - 2					
		STEP-47SS01	Industrial Sub-Area	47SS01(0-0.5)-020310	10-MAR-02	.0 - 0.5					
		STEP-47SS01	Industrial Sub-Area	47SS01(1-2)-020310	10-MAR-02	1.0 - 2					
PESTICIDES											
Endosulfan II	mg/kg										
Endosulfan Sulfate	mg/kg										
Endrin	mg/kg										
Endrin aldehyde	mg/kg										
Endrin ketone	mg/kg										
Heptachlor	mg/kg										
Heptachlor epoxide	mg/kg										
METHOXYCHLOR	mg/kg										
Toxaphene	mg/kg										
alpha-BHC	mg/kg										
beta-BHC	mg/kg										
delta-BHC	mg/kg										
gamma-BHC (Lindane)	mg/kg										
SOLIDS											
Percent Solids	Percent										

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS02					STEP-47SS02					STEP-47SS03				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS02(0-0.5)-020310					47SS02(1-2)-020310					47SS03(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area					Associated Site:	Industrial Sub-Area				
		Sample No:	47SS03(00.5)0203FD					Sample No:	47SS03(1-2)-020310					Sample No:	47SS04(0-0.5)-020310				
		Sample Date:	10-MAR-02					Sample Date:	10-MAR-02					Sample Date:	10-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
PESTICIDES																			
Endosulfan II	mg/kg																		
Endosulfan Sulfate	mg/kg																		
Endrin	mg/kg																		
Endrin aldehyde	mg/kg																		
Endrin ketone	mg/kg																		
Heptachlor	mg/kg																		
Heptachlor epoxide	mg/kg																		
METHOXYCHLOR	mg/kg																		
Toxaphene	mg/kg																		
alpha-BHC	mg/kg																		
beta-BHC	mg/kg																		
delta-BHC	mg/kg																		
gamma-BHC (Lindane)	mg/kg																		
SOLIDS																			
Percent Solids	Percent																		

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:						Associated Site:						Associated Site:					
		Sample No:						Sample No:						Sample No:					
		Sample Date:						Sample Date:						Sample Date:					
		Sample Depth:						Sample Depth:						Sample Depth:					
PESTICIDES		STEP-47SS04						STEP-47SS05						STEP-47SS05					
		Industrial Sub-Area						Industrial Sub-Area						Industrial Sub-Area					
		47SS04(1-2)-020310						47SS05(0-0.5)-020310						47SS05(1-2)-020310					
		10-MAR-02						10-MAR-02						10-MAR-02					
		1.0 - 2						.0 - 0.5						1.0 - 2					
Endosulfan II	mg/kg																		
Endosulfan Sulfate	mg/kg																		
Endrin	mg/kg																		
Endrin aldehyde	mg/kg																		
Endrin ketone	mg/kg																		
Heptachlor	mg/kg																		
Heptachlor epoxide	mg/kg																		
METHOXYCHLOR	mg/kg																		
Toxaphene	mg/kg																		
alpha-BHC	mg/kg																		
beta-BHC	mg/kg																		
delta-BHC	mg/kg																		
gamma-BHC (Lindane)	mg/kg																		
SOLIDS																			
Percent Solids	Percent																		

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS06					STEP-47SS06					STEP-47SS07				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS06(0-0.5)-020310					47SS06(1-2)-020310					47SS07(0-0.5)-020310				
	Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-47SS07					STEP-47SS08					STEP-47SS08				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	47SS07(1-2)-020310					47SS08(0-0.5)-020310					47SS08(00.5)0203FD				
		Sample Date:	10-MAR-02					10-MAR-02					10-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
Endosulfan II	mg/kg																
Endosulfan Sulfate	mg/kg																
Endrin	mg/kg																
Endrin aldehyde	mg/kg																
Endrin ketone	mg/kg																
Heptachlor	mg/kg																
Heptachlor epoxide	mg/kg																
METHOXYCHLOR	mg/kg																
Toxaphene	mg/kg																
alpha-BHC	mg/kg																
beta-BHC	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
SOLIDS																	
Percent Solids	Percent																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:						Associated Site:						Associated Site:					
		Sample No:						Sample No:						Sample No:					
		Sample Date:						Sample Date:						Sample Date:					
		Sample Depth:						Sample Depth:						Sample Depth:					
PESTICIDES		STEP-47SS08						STEP-47SS09						STEP-47SS09					
		Industrial Sub-Area						Industrial Sub-Area						Industrial Sub-Area					
		47SS08(1-2)-020310						47SS09(0-0.5)-020310						47SS09(1-2)-020310					
		10-MAR-02						10-MAR-02						10-MAR-02					
		1.0 - 2						.0 - 0.5						1.0 - 2					
Endosulfan II	mg/kg																		
Endosulfan Sulfate	mg/kg																		
Endrin	mg/kg																		
Endrin aldehyde	mg/kg																		
Endrin ketone	mg/kg																		
Heptachlor	mg/kg																		
Heptachlor epoxide	mg/kg																		
METHOXYCHLOR	mg/kg																		
Toxaphene	mg/kg																		
alpha-BHC	mg/kg																		
beta-BHC	mg/kg																		
delta-BHC	mg/kg																		
gamma-BHC (Lindane)	mg/kg																		
SOLIDS																			
Percent Solids	Percent																		

Exhibit 1

Summary of Validated Soil Analytical Data

Industrial Sub-Area - Part E

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-47SS10					STEP-47SS10					STEP-50SS01				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	47SS10(0-0.5)-020310					47SS10(1-2)-020310					50SS01(0-0.5)-020309				
	Sample Date:	10-MAR-02					10-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-50SS01					STEP-50SS02					STEP-50SS02				
		Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
		Sample No:	50SS01(1-2)-020309					50SS02(0-0.5)-020309					50SS02(1-2)-020309				
		Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
		Sample Depth:	1.0 - 2					.0 - 0.5					1.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
Endosulfan II	mg/kg																
Endosulfan Sulfate	mg/kg																
Endrin	mg/kg																
Endrin aldehyde	mg/kg																
Endrin ketone	mg/kg																
Heptachlor	mg/kg																
Heptachlor epoxide	mg/kg																
METHOXYCHLOR	mg/kg																
Toxaphene	mg/kg																
alpha-BHC	mg/kg																
beta-BHC	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
SOLIDS																	
Percent Solids	Percent																

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		Associated Site:					Associated Site:					Associated Site:				
		Sample No:					Sample No:					Sample No:				
		Sample Date:					Sample Date:					Sample Date:				
		Sample Depth:					Sample Depth:					Sample Depth:				
		Result					Result					Result				
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL
		Associated Site:				
		Sample No:				
		Sample Date:				
		Sample Depth:				
		Result				
PESTICIDES						
Endosulfan II	mg/kg					
Endosulfan Sulfate	mg/kg					
Endrin	mg/kg					
Endrin aldehyde	mg/kg					
Endrin ketone	mg/kg					
Heptachlor	mg/kg					
Heptachlor epoxide	mg/kg					
METHOXYCHLOR	mg/kg					
Toxaphene	mg/kg					
alpha-BHC	mg/kg					
beta-BHC	mg/kg					
delta-BHC	mg/kg					
gamma-BHC (Lindane)	mg/kg					
SOLIDS						
Percent Solids	Percent					

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-50SS04					STEP-50SS04					STEP-50SS05				
	Associated Site:	Industrial Sub-Area					Industrial Sub-Area					Industrial Sub-Area				
	Sample No:	50SS04(0-0.5)-020309					50SS04(1-2)-020309					50SS05(0-0.5)-020309				
	Sample Date:	09-MAR-02					09-MAR-02					09-MAR-02				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
METHOXYCHLOR	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
beta-BHC	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Soil Analytical Data
Industrial Sub-Area - Part E
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-50SS05					
	Associated Site:	Industrial Sub-Area					
	Sample No:	50SS05(1-2)-020309					
	Sample Date:	09-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
PESTICIDES							
Endosulfan II	mg/kg						
Endosulfan Sulfate	mg/kg						
Endrin	mg/kg						
Endrin aldehyde	mg/kg						
Endrin ketone	mg/kg						
Heptachlor	mg/kg						
Heptachlor epoxide	mg/kg						
METHOXYCHLOR	mg/kg						
Toxaphene	mg/kg						
alpha-BHC	mg/kg						
beta-BHC	mg/kg						
delta-BHC	mg/kg						
gamma-BHC (Lindane)	mg/kg						
SOLIDS							
Percent Solids	Percent						

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB03					11SB04					11SB04				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH11-SB03 (0-2)					LH11-SB04 (0-2)					C940822-11SB04-N00				
	Sample Date:	03-MAR-93					03-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99					
1,3-Dinitrobenzene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99					
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99					
2,4-Dinitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99					
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99					
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
NIOBIUM	mg/kg	.26	<	U	.26	-99	.26	<	U	.26	-99					
Nitrobenzene	mg/kg															
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB05					11SB05					11SB06				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH11-SB05 (0-2)					C940822-11SB05-N00					LH11-SB06 (0-2)				
	Sample Date:	04-MAR-93					22-AUG-94					04-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
1,3-Dinitrobenzene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
2,4-Dinitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg	.5	<	U	.5	-99						.5	<	U	.5	-99
NIOBIUM	mg/kg	.26	<	U	.26	-99						.26	<	U	.26	-99
Nitrobenzene	mg/kg															
RDX	mg/kg	.5	<	U	.5	-99						.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	11SB06					11SD13					11WW01				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-11SB06-N00					LH11-SD13					11WW01 (0-2')				
	Sample Date:	22-AUG-94					31-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg						.25	<	U	.25	-99	.815	<	U	.815	-99
1,3-Dinitrobenzene	mg/kg						.25	<	U	.25	-99	.582	<	U	.582	-99
2,4,6-Trinitrotoluene	mg/kg						.25	<	U	.25	-99	.582	<	U	.582	-99
2,4-Dinitrotoluene	mg/kg						.25	<	U	.25	-99	.582	<	U	.582	-99
2,6-Dinitrotoluene	mg/kg						.25	<	U	.25	-99	.582	<	U	.582	-99
2-Amino-4,6-dinitrotoluene	mg/kg											1.05	<	U	1.05	-99
4-Amino-2,6-dinitrotoluene	mg/kg											1.28	<	U	1.28	-99
HMX	mg/kg						.5	<	U	.5	-99	1.05	<	U	1.05	-99
NIOBIUM	mg/kg						.26	<	U	.26	-99	.698	<	U	.698	-99
Nitrobenzene	mg/kg															
RDX	mg/kg						.5	<	U	.5	-99	.582	<	U	.582	-99

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11WW02					11WW03					27SB03				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	11WW02 (0-2')					11WW03 (0-2')					27SB03 (0-0.5)				
	Sample Date:	20-AUG-94					21-AUG-94					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.817	<	U	.817	-99	.791	<	U	.791	-99					
1,3-Dinitrobenzene	mg/kg	.583	<	U	.583	-99	.565	<	U	.565	-99					
2,4,6-Trinitrotoluene	mg/kg	.583	<	U	.583	-99	.565	<	U	.565	-99					
2,4-Dinitrotoluene	mg/kg	.583	<	U	.583	-99	.565	<	U	.565	-99					
2,6-Dinitrotoluene	mg/kg	.583	<	U	.583	-99	.565	<	U	.565	-99					
2-Amino-4,6-dinitrotoluene	mg/kg	1.05	<	U	1.05	-99	1.02	<	U	1.02	-99					
4-Amino-2,6-dinitrotoluene	mg/kg	1.28	<	U	1.28	-99	1.24	<	U	1.24	-99					
HMX	mg/kg	1.05	<	U	1.05	-99	1.02	<	U	1.02	-99					
NIOBIUM	mg/kg	.7	<	U	.7	-99	.678	<	U	.678	-99					
Nitrobenzene	mg/kg															
RDX	mg/kg	.583	<	U	.583	-99	.565	<	U	.565	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB03					27SB03					27SB05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB03 (0-0.5)QC					27SB03 (1-2)					27SB05 (0-0.5)				
	Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB05					27SB05					27SB11				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB05 (0-0.5)QC					27SB05 (1-2)					27SB11 (0-0.5)				
	Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB11					27SB11					27SB34				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB11 (0-0.5)QC					27SB11 (1-2)					LH27-SB34(0-3)				
	Sample Date:	04-OCT-00					04-OCT-00					19-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg											.25	<	U	.25	-99
1,3-Dinitrobenzene	mg/kg											.25	<	U	.25	-99
2,4,6-Trinitrotoluene	mg/kg											.25	<	U	.25	-99
2,4-Dinitrotoluene	mg/kg											.25	<	U	.25	-99
2,6-Dinitrotoluene	mg/kg											.25	<	U	.25	-99
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg											.5	<	U	.5	-99
NIOBIUM	mg/kg											.26	<	U	.26	-99
Nitrobenzene	mg/kg															
RDX	mg/kg											.5	<	U	.5	-99

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	27SB34					27SB38					27WW01				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH27-SB34(0-3)QQC					LH27-SB38(0-2)					27WW01 (0-2')				
	Sample Date:	19-MAR-93					20-MAR-93					18-AUG-94				
	Sample Depth:	.0 - 3					.0 - 2					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99	.832	<	U	.832	-99
1,3-Dinitrobenzene	mg/kg						.25	<	U	.25	-99	.595	<	U	.595	-99
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99	.595	<	U	.595	-99
2,4-Dinitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99	.595	<	U	.595	-99
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99	.595	<	U	.595	-99
2-Amino-4,6-dinitrotoluene	mg/kg											1.07	<	U	1.07	-99
4-Amino-2,6-dinitrotoluene	mg/kg											1.31	<	U	1.31	-99
HMX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	1.07	<	U	1.07	-99
NIOBIUM	mg/kg	.26	<	U	.26	-99	.26	<	U	.26	-99	.713	<	U	.713	-99
Nitrobenzene	mg/kg															
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.595	<	U	.595	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS01					400ASS01					400ASS02				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS01(0-0.5)					400ASS01(0-0.5)QC					400ASS02(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	400ASS03					400ASS04					400ASS05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS03(0-0.5)					400ASS04(0-0.5)					400ASS05(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS06					400ASS06					FWS-003				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS06(0-0.5)					C981204-400ASS06-N00					C-SS-003				
	Sample Date:	26-JUL-98					04-DEC-98					27-AUG-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-004					FWS-005					FWS-041				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-004					C-SS-005					C-SS-041				
	Sample Date:	27-AUG-02					27-AUG-02					25-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg						1.41	<	nv	1.41						
1,2,3,4,6,7,8-HpCDD	ng/kg						6.4		nv	1.41						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg						1.41	<	nv	1.41						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg						1.41	<	nv	1.41						
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg						1.41	<	nv	1.41						
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg						1.41	<	nv	1.41						
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg						1.41	<	nv	1.41						
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg						1.41	<	nv	1.41						
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg						1.41	<	nv	1.41						
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg						1.41	<	nv	1.41						
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg						1.41	<	nv	1.41						
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg						1.41	<	nv	1.41						
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg						1.41	<	nv	1.41						
2,3,7,8-TCDD	ng/kg						.28	<	nv	.28						
2,3,7,8-TCDF	ng/kg						.28	<	nv	.28						
Octachlorodibenzo-p-dioxin	ng/kg						198		J	2.83						
Octachlorodibenzofuran	ng/kg						2.83	<	nv	2.83						
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-042					FWS-043					FWS-050				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-042					C-SS-043					CLNWR050				
	Sample Date:	25-SEP-02					25-SEP-02					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg	1.42	<	nv	1.42											
1,2,3,4,6,7,8-HpCDD	ng/kg	242		nv	1.42											
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	1.42	<	nv	1.42											
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	3.4		nv	1.42											
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.42	<	nv	1.42											
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	10.3		nv	1.42											
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	1.42	<	nv	1.42											
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	16		nv	1.42											
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	2.93		nv	1.42											
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	1.42	<	nv	1.42											
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	1.42	<	nv	1.42											
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	1.42	<	nv	1.42											
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	1.42	<	nv	1.42											
2,3,7,8-TCDD	ng/kg	.28	<	nv	.28											
2,3,7,8-TCDF	ng/kg	.28	<	nv	.28											
Octachlorodibenzo-p-dioxin	ng/kg	3550		nv	2.83											
Octachlorodibenzofuran	ng/kg	2.83	<	nv	2.83											
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-051					FWS-055					FWS-056				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR051					CLNWR055					CL056DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg						1.09	<	nv	1.09						
1,2,3,4,6,7,8-HpCDD	ng/kg						7.47		nv	1.09						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg						1.09	<	nv	1.09						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg						1.09	<	nv	1.09						
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg						1.09	<	nv	1.09						
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg						1.09	<	nv	1.09						
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg						1.09	<	nv	1.09						
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg						1.09	<	nv	1.09						
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg						1.09	<	nv	1.09						
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg						1.09	<	nv	1.09						
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg						1.09	<	nv	1.09						
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg						1.09	<	nv	1.09						
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg						1.09	<	nv	1.09						
2,3,7,8-TCDD	ng/kg						.22	<	nv	.22						
2,3,7,8-TCDF	ng/kg						.22	<	nv	.22						
Octachlorodibenzo-p-dioxin	ng/kg						132		nv	2.18						
Octachlorodibenzofuran	ng/kg						2.18	<	nv	2.18						
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-056					FWS-062					FWS-063				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR056					CLNWR062					CLNWR063				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-073					FWS-074					FWS-075				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR073					CLNWR074					CL075DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg	1.14	<	nv	1.14											
1,2,3,4,6,7,8-HpCDD	ng/kg	5.91		nv	1.14											
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	1.14	<	nv	1.14											
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	1.14	<	nv	1.14											
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.14	<	nv	1.14											
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	1.14	<	nv	1.14											
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	1.14	<	nv	1.14											
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	1.14	<	nv	1.14											
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	1.14	<	nv	1.14											
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	1.14	<	nv	1.14											
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	1.14	<	nv	1.14											
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	1.14	<	nv	1.14											
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	1.14	<	nv	1.14											
2,3,7,8-TCDD	ng/kg	.23	<	nv	.23											
2,3,7,8-TCDF	ng/kg	.23	<	nv	.23											
Octachlorodibenzo-p-dioxin	ng/kg	131		nv	2.29											
Octachlorodibenzofuran	ng/kg	2.29	<	nv	2.29											
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-075					FWS-076					FWS-077				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR075					CLNWR076					CLNWR077				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-078					FWS-079					FWS-080				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR078					CLNWR079					CLNWR080				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg	.99	<	nv	.99											
1,2,3,4,6,7,8-HpCDD	ng/kg	8.84		nv	.99											
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	.99	<	nv	.99											
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	.99	<	nv	.99											
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	.99	<	nv	.99											
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	.99	<	nv	.99											
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	.99	<	nv	.99											
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	.99	<	nv	.99											
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	.99	<	nv	.99											
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	.99	<	nv	.99											
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	.99	<	nv	.99											
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	.99	<	nv	.99											
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	.99	<	nv	.99											
2,3,7,8-TCDD	ng/kg	.2	<	nv	.2											
2,3,7,8-TCDF	ng/kg	.2	<	nv	.2											
Octachlorodibenzo-p-dioxin	ng/kg	316		nv	1.98											
Octachlorodibenzofuran	ng/kg	1.98	<	nv	1.98											
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-081					FWS-082					FWS-083				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR081					CLNWR082					CLNWR083				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-084					FWS-085					FWS-086				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR084					CLNWR085					CLNWR086				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg	1.24	<	nv	1.24											
1,2,3,4,6,7,8-HpCDD	ng/kg	23.4		nv	1.24											
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	1.24	<	nv	1.24											
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	1.24	<	nv	1.24											
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.24	<	nv	1.24											
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	1.24	<	nv	1.24											
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	1.24	<	nv	1.24											
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	1.24	<	nv	1.24											
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	1.24	<	nv	1.24											
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	1.24	<	nv	1.24											
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	1.24	<	nv	1.24											
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	1.24	<	nv	1.24											
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	1.24	<	nv	1.24											
2,3,7,8-TCDD	ng/kg	.25	<	nv	.25											
2,3,7,8-TCDF	ng/kg	.25	<	nv	.25											
Octachlorodibenzo-p-dioxin	ng/kg	736		nv	2.49											
Octachlorodibenzofuran	ng/kg	3.8		nv	2.49											
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-087					FWS-095					FWS-098				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR087					CLNWR095					CLNWR098				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-102					FWS-103					FWS-104				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR102					CLNWR103					CLNWR104				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-105					FWS-106					FWS-107				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR105					CLNWR106					CLNWR107				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg											1.03	<	nv	1.03	
1,2,3,4,6,7,8-HpCDD	ng/kg											6.77		nv	1.03	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											1.03	<	nv	1.03	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											1.03	<	nv	1.03	
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											1.03	<	nv	1.03	
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											1.03	<	nv	1.03	
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											1.03	<	nv	1.03	
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											1.03	<	nv	1.03	
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											1.03	<	nv	1.03	
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											1.03	<	nv	1.03	
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											1.03	<	nv	1.03	
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											1.03	<	nv	1.03	
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											1.03	<	nv	1.03	
2,3,7,8-TCDD	ng/kg											.21	<	nv	.21	
2,3,7,8-TCDF	ng/kg											.21	<	nv	.21	
Octachlorodibenzo-p-dioxin	ng/kg											138		nv	2.05	
Octachlorodibenzofuran	ng/kg											2.05	<	nv	2.05	
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-109					FWS-110					FWS-111				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR109					CLNWR110					CLNWR111				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-120					FWS-127					FWS-136				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR120					CLNWR127					CLNWR136				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Amino-4,6-dinitrotoluene	mg/kg																
4-Amino-2,6-dinitrotoluene	mg/kg																
HMX	mg/kg																
NIOBIUM	mg/kg																
Nitrobenzene	mg/kg																
RDX	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-140					FWS-140					FWS-141				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CL140DUP					CLNWR140					CLNWR141				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Amino-4,6-dinitrotoluene	mg/kg																
4-Amino-2,6-dinitrotoluene	mg/kg																
HMX	mg/kg																
NIOBIUM	mg/kg																
Nitrobenzene	mg/kg																
RDX	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-142					FWS-143					FWS-144				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR142					CLNWR143					CLNWR144				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-145					FWS-146					FWS-147				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR145					CLNWR146					CLNWR147				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Amino-4,6-dinitrotoluene	mg/kg																
4-Amino-2,6-dinitrotoluene	mg/kg																
HMX	mg/kg																
NIOBIUM	mg/kg																
Nitrobenzene	mg/kg																
RDX	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-148					FWS-150					FWS-151				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR148					CLNWR150					CLNWR151				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-152					FWS-152					FWS-155				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CL152DUP					CLNWR152					CLNWR155				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Amino-4,6-dinitrotoluene	mg/kg																
4-Amino-2,6-dinitrotoluene	mg/kg																
HMX	mg/kg																
NIOBIUM	mg/kg																
Nitrobenzene	mg/kg																
RDX	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-156					FWS-158					FWS-159				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR156					CLNWR158					CLNWR159				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg						1.32	<	nv	1.32						
1,2,3,4,6,7,8-HpCDD	ng/kg						47		nv	1.32						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg						1.32	<	nv	1.32						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg						1.32	<	nv	1.32						
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg						1.32	<	nv	1.32						
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg						1.32	<	nv	1.32						
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg						1.32	<	nv	1.32						
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg						1.32	<	nv	1.32						
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg						1.32	<	nv	1.32						
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg						1.32	<	nv	1.32						
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg						1.32	<	nv	1.32						
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg						1.32	<	nv	1.32						
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg						1.32	<	nv	1.32						
2,3,7,8-TCDD	ng/kg						.26	<	nv	.26						
2,3,7,8-TCDF	ng/kg						.26	<	nv	.26						
Octachlorodibenzo-p-dioxin	ng/kg						4310		nv	2.64						
Octachlorodibenzofuran	ng/kg						2.64	<	nv	2.64						
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-169					FWS-172					FWS-173				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR169					CLNWR172					CLNWR173				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-174					FWS-175					FWS-179				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR174					CLNWR175					CLNWR179				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Amino-4,6-dinitrotoluene	mg/kg																
4-Amino-2,6-dinitrotoluene	mg/kg																
HMX	mg/kg																
NIOBIUM	mg/kg																
Nitrobenzene	mg/kg																
RDX	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-181					FWS-183					FWS-184				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR181					CLNWR183					CLNWR184				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-185					FWS-186					FWS-186				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR185					CL186DUP					CLNWR186				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-187					FWS-188					FWS-197				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR187					CLNWR188					CLNWR197				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-198					FWS-199					FWS-200				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR198					CLNWR199					CL200DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-200					FWS-201					FWS-201				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR200					CL201DUP					CLNWR201				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-202					FWS-203					FWS-204				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR202					CLNWR203					CLNWR204				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg						1.06	<	nv	1.06						
1,2,3,4,6,7,8-HpCDD	ng/kg						7.87		nv	1.06						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg						1.06	<	nv	1.06						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg						1.06	<	nv	1.06						
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg						1.06	<	nv	1.06						
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg						1.06	<	nv	1.06						
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg						1.06	<	nv	1.06						
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg						1.06	<	nv	1.06						
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg						1.06	<	nv	1.06						
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg						1.06	<	nv	1.06						
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg						1.06	<	nv	1.06						
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg						1.06	<	nv	1.06						
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg						1.06	<	nv	1.06						
2,3,7,8-TCDD	ng/kg						.21	<	nv	.21						
2,3,7,8-TCDF	ng/kg						.21	<	nv	.21						
Octachlorodibenzo-p-dioxin	ng/kg						122		nv	2.11						
Octachlorodibenzofuran	ng/kg						2.11	<	nv	2.11						
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-205					FWS-206					FWS-207				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR205					CLNWR206					CLNWR207				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-208					FWS-209					FWS-209				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR208					CL209DUP					CLNWR209				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-210					FWS-211					FWS-212				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR210					CLNWR211					CLNWR212				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-213					FWS-214					FWS-214				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR213					CL214DUP					CLNWR214				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-216					FWS-217					FWS-218				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR216					CLNWR217					CLNWR218				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Amino-4,6-dinitrotoluene	mg/kg																
4-Amino-2,6-dinitrotoluene	mg/kg																
HMX	mg/kg																
NIOBIUM	mg/kg																
Nitrobenzene	mg/kg																
RDX	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-219					FWS-223					FWS-226				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR219					CLNWR223					CLNWR226				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Amino-4,6-dinitrotoluene	mg/kg																
4-Amino-2,6-dinitrotoluene	mg/kg																
HMX	mg/kg																
NIOBIUM	mg/kg																
Nitrobenzene	mg/kg																
RDX	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-228					FWS-232					FWS-235				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR228					CLNWR232					CLNWR235				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-236					FWS-237					FWS-238				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR236					CLNWR237					CL238DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg	1.4	<	nv	1.4											
1,2,3,4,6,7,8-HpCDD	ng/kg	95		nv	1.4											
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	1.4	<	nv	1.4											
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	1.4	<	nv	1.4											
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.4	<	nv	1.4											
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	1.4	<	nv	1.4											
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	1.4	<	nv	1.4											
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	1.4	<	nv	1.4											
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	1.4	<	nv	1.4											
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	1.4	<	nv	1.4											
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	1.4	<	nv	1.4											
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	1.4	<	nv	1.4											
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	1.4	<	nv	1.4											
2,3,7,8-TCDD	ng/kg	.28	<	nv	.28											
2,3,7,8-TCDF	ng/kg	.28	<	nv	.28											
Octachlorodibenzo-p-dioxin	ng/kg	3990		nv	2.8											
Octachlorodibenzofuran	ng/kg	28		nv	2.8											
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-238					FWS-239					FWS-240				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR238					CLNWR239					CLNWR240				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Amino-4,6-dinitrotoluene	mg/kg																
4-Amino-2,6-dinitrotoluene	mg/kg																
HMX	mg/kg																
NIOBIUM	mg/kg																
Nitrobenzene	mg/kg																
RDX	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-241					FWS-242					FWS-243				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR241					CLNWR242					CLNWR243				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg															
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-244					FWS-245					HOSB17				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR244					CLNWR245					HOSB17(0-0.5)				
		Sample Date:	09-SEP-03					09-SEP-03					06-DEC-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,6,7,8-HpCDD	ng/kg																
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																
2,3,7,8-TCDD	ng/kg																
2,3,7,8-TCDF	ng/kg																
Octachlorodibenzo-p-dioxin	ng/kg																
Octachlorodibenzofuran	ng/kg																
EXPLOSIVES																	
1,3,5-Trinitrobenzene	mg/kg																
1,3-Dinitrobenzene	mg/kg																
2,4,6-Trinitrotoluene	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Amino-4,6-dinitrotoluene	mg/kg																
4-Amino-2,6-dinitrotoluene	mg/kg																
HMX	mg/kg																
NIOBIUM	mg/kg																
Nitrobenzene	mg/kg																
RDX	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	HOSB18					LAP-31M1					LAP-31M2				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	HOSB18(0-0.5)					LAP-31M1					LAP-31M2				
	Sample Date:	06-DEC-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg															
1,3-Dinitrobenzene	mg/kg															
2,4,6-Trinitrotoluene	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg						.2	U		.2		.19	U		.19	
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg															
RDX	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-35M2					LAP-39M1					LAP-81103				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-35M2					LAP-39M1					LAP-81103				
	Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg											.21	U		.21	
1,3-Dinitrobenzene	mg/kg											.21	U		.21	
2,4,6-Trinitrotoluene	mg/kg											.21	U		.21	
2,4-Dinitrotoluene	mg/kg											.21	U		.21	
2,6-Dinitrotoluene	mg/kg											.21	U		.21	
2-Amino-4,6-dinitrotoluene	mg/kg											.21	U		.21	
4-Amino-2,6-dinitrotoluene	mg/kg											.21	U		.21	
HMX	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg											.21	U		.21	
RDX	mg/kg											.21	U		.21	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81105					LAP-81109					LAP-81124				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81105					LAP-81109					LAP-81124				
	Sample Date:	10-JUL-00					11-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
1,3-Dinitrobenzene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
2,4,6-Trinitrotoluene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
2,4-Dinitrotoluene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
2,6-Dinitrotoluene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
2-Amino-4,6-dinitrotoluene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
4-Amino-2,6-dinitrotoluene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
HMX	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
RDX	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81127					LAP-81129					LAP-81130				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81127					LAP-81129					LAP-81130				
	Sample Date:	10-JUL-00					11-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
1,3-Dinitrobenzene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
2,4,6-Trinitrotoluene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
2,4-Dinitrotoluene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
2,6-Dinitrotoluene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
2-Amino-4,6-dinitrotoluene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
4-Amino-2,6-dinitrotoluene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
HMX	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
RDX	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81146					LAP-81147					LAP-81152				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81146					LAP-81147					LAP-81152-FD				
	Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg											.2	U		.2	
1,3-Dinitrobenzene	mg/kg											.2	U		.2	
2,4,6-Trinitrotoluene	mg/kg											.2	U		.2	
2,4-Dinitrotoluene	mg/kg											.2	U		.2	
2,6-Dinitrotoluene	mg/kg											.2	U		.2	
2-Amino-4,6-dinitrotoluene	mg/kg											.2	U		.2	
4-Amino-2,6-dinitrotoluene	mg/kg											.2	U		.2	
HMX	mg/kg											.2	U		.2	
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg											.2	U		.2	
RDX	mg/kg											.2	U		.2	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81152					LAP-81155					LAP-81156				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81152					LAP-81155					LAP-81156				
	Sample Date:	12-JUL-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
1,3-Dinitrobenzene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
2,4,6-Trinitrotoluene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
2,4-Dinitrotoluene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
2,6-Dinitrotoluene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
2-Amino-4,6-dinitrotoluene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
4-Amino-2,6-dinitrotoluene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
HMX	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
RDX	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81158					XXSB15					XXSB16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81158					LHXX-SB15(0-2)					LHXX-SB16(0-3)				
	Sample Date:	12-JUL-00					09-MAR-93					09-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
1,3-Dinitrobenzene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
2,4,6-Trinitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
2,4-Dinitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
2,6-Dinitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg	.21	U		.21		.5	<	U	.5	-99	.5	<	U	.5	-99
NIOBIUM	mg/kg						.26	<	U	.26	-99	.26	<	U	.26	-99
Nitrobenzene	mg/kg															
RDX	mg/kg						.5	<	U	.5	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	XXSB16					XXSB17					XXSB18				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB16-N00					LHXX-SB17(0-2)					LHXX-SB18 (0-2)				
	Sample Date:	22-AUG-94					09-MAR-93					10-MAR-93				
User Test Group	Sample Depth:	.0 - 0					.0 - 2					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
1,3-Dinitrobenzene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
2,4,6-Trinitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
2,4-Dinitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
2,6-Dinitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg						.5	<	U	.5	-99	.5	<	U	.5	-99
NIOBIUM	mg/kg						.26	<	U	.26	-99	.26	<	U	.26	-99
Nitrobenzene	mg/kg															
RDX	mg/kg						.5	<	U	.5	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB18					XXSB19					XXSB19				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB18-N00					LHXX-SB19(0-2.5					C940822-XXSB19-N00				
	Sample Date:	22-AUG-94					09-MAR-93					22-AUG-94				
User Test Group	Sample Depth:	.0 - 0					.0 - 2.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg						.25	<	U	.25	-99					
1,3-Dinitrobenzene	mg/kg						.25	<	U	.25	-99					
2,4,6-Trinitrotoluene	mg/kg						.25	<	U	.25	-99					
2,4-Dinitrotoluene	mg/kg						.25	<	U	.25	-99					
2,6-Dinitrotoluene	mg/kg						.25	<	U	.25	-99					
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg						.5	<	U	.5	-99					
NIOBIUM	mg/kg						.26	<	U	.26	-99					
Nitrobenzene	mg/kg															
RDX	mg/kg						.5	<	U	.5	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB20					XXSB20					XXSB21								
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area								
	Sample No:	LHXX-SB20(0-2.5					C940823-XXSB20-N00					LHXX-SB21(0-2.5								
	Sample Date:	10-MAR-93					23-AUG-94					10-MAR-93								
User Test Group	*Sample Depth:*	.0 - 2.5					.0 - 0					.0 - 2.5								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
DIOXINS_FURANS																				
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg																			
1,2,3,4,6,7,8-HpCDD	ng/kg																			
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg																			
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg																			
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg																			
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg																			
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg																			
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg																			
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg																			
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg																			
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg																			
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg																			
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg																			
2,3,7,8-TCDD	ng/kg																			
2,3,7,8-TCDF	ng/kg																			
Octachlorodibenzo-p-dioxin	ng/kg																			
Octachlorodibenzofuran	ng/kg																			
EXPLOSIVES																				
1,3,5-Trinitrobenzene	mg/kg	.25	<	U	.25	-99	.968	<	U	.968		.25	<	U	.25	-99				
1,3-Dinitrobenzene	mg/kg	.25	<	U	.25	-99	.692	<	U	.692		.25	<	U	.25	-99				
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	-99	.692	<	U	.692		.25	<	U	.25	-99				
2,4-Dinitrotoluene	mg/kg	.25	<	U	.25	-99	.692	<	U	.692		.25	<	U	.25	-99				
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	-99	.692	<	U	.692		.25	<	U	.25	-99				
2-Amino-4,6-dinitrotoluene	mg/kg						1.24	<	U	1.24										
4-Amino-2,6-dinitrotoluene	mg/kg						1.52	<	U	1.52										
HMX	mg/kg	.5	<	U	.5	-99	1.24	<	U	1.24		.5	<	U	.5	-99				
NIOBIUM	mg/kg	.26	<	U	.26	-99	.83	<	U	.83		.26	<	U	.26	-99				
Nitrobenzene	mg/kg																			
RDX	mg/kg	.5	<	U	.5	-99	.692	<	U	.692		.5	<	U	.5	-99				

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code: XXSB21 / Associated Site: Low Impact Sub-Area / Sample No: LHXX-SB21(0-2.5QC / Sample Date: 10-MAR-93 / Sample Depth: .0 - 2.5					Location Code: XXSB21 / Associated Site: Low Impact Sub-Area / Sample No: C940823-XXSB21-N00 / Sample Date: 23-AUG-94 / Sample Depth: .0 - 0					Location Code: XXSD16 / Associated Site: Low Impact Sub-Area / Sample No: LHXX-SD16 / Sample Date: 31-MAR-93 / Sample Depth: .0 - 0				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg															
Octachlorodibenzofuran	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
1,3-Dinitrobenzene	mg/kg											.25	<	U	.25	-99
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
2,4-Dinitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg	.5	<	U	.5	-99						.5	<	U	.5	-99
NIOBIUM	mg/kg	.26	<	U	.26	-99						.26	<	U	.26	-99
Nitrobenzene	mg/kg															
RDX	mg/kg	.5	<	U	.5	-99						.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	11SB03					11SB04					11SB04				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LH11-SB03 (0-2)					LH11-SB04 (0-2)					C940822-11SB04-N00				
		Sample Date:	03-MAR-93					03-MAR-93					22-AUG-94				
		Sample Depth:	.0 - 2					.0 - 2					.0 - 0				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg		.5	<	U	.5	-99	.5	<	U	.5	-99					
m-Nitrotoluene	mg/kg		.25	<	U	.25	-99	.25	<	U	.25	-99					
o-Nitrotoluene	mg/kg		.25	<	U	.25	-99	.25	<	U	.25	-99					
p-Nitrotoluene	mg/kg		.25	<	U	.25	-99	.25	<	U	.25	-99					
GEN CHEMISTRY																	
Chloride	mg/kg		10	<	U	10	-99	10	<	U	10	-99					
Nitrate	mg/kg		0.48			0.01	-99	1.73			0.1	-99					
Specific Conductivity	umhos		53			0	0	33			0	0					
Sulfate	mg/kg		74			5	-99	100			10	-99					
TOTAL SOLIDS	Percent		84.3			0	0	85.2			0	0					
pH	STD UNIT		5.7			0	0	6.1			0	0					
METALS																	
Aluminum	mg/kg																
Antimony	mg/kg		1	<	U	1	-99	1	<	U	1	-99					
Arsenic	mg/kg		4			1	-99	4			1	-99					
Barium	mg/kg		74.7			1	-99	89.3			1	-99					
Beryllium	mg/kg																
Boron	mg/kg																
Cadmium	mg/kg		1	<	U	1	-99	1	<	U	1	-99					
Calcium	mg/kg																
Chromium	mg/kg		10.5			1	-99	11.9			1	-99					
Cobalt	mg/kg																
Copper	mg/kg																
Iron	mg/kg																
Lead	mg/kg		6			1	-99	4.6			0.5	-99					
Magnesium	mg/kg																
Manganese	mg/kg																
Mercury	mg/kg		0.02			0.01	-99	0.01			0.01	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	11SB05					11SB05					11SB06				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LH11-SB05 (0-2)					C940822-11SB05-N00					LH11-SB06 (0-2)				
		Sample Date:	04-MAR-93					22-AUG-94					04-MAR-93				
		Sample Depth:	.0 - 2					.0 - 0					.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg		.5	<	U	.5	-99						.5	<	U	.5	-99
m-Nitrotoluene	mg/kg		.25	<	U	.25	-99						.25	<	U	.25	-99
o-Nitrotoluene	mg/kg		.25	<	U	.25	-99						.25	<	U	.25	-99
p-Nitrotoluene	mg/kg		.25	<	U	.25	-99						.25	<	U	.25	-99
GEN CHEMISTRY																	
Chloride	mg/kg		10	<	U	10	-99						10	<	U	10	-99
Nitrate	mg/kg		2.4			0.1	-99						1.42			0.1	-99
Specific Conductivity	umhos		40			0	0						50			0	0
Sulfate	mg/kg		100			10	-99						270			20	-99
TOTAL SOLIDS	Percent		78.7			0	0						89.6			0	0
pH	STD UNIT		5.8			0	0						6.3			0	0
METALS																	
Aluminum	mg/kg																
Antimony	mg/kg		1	<	U	1	-99						1	<	U	1	-99
Arsenic	mg/kg		3			1	-99						3			1	-99
Barium	mg/kg		25.8			1	-99						167			1	-99
Beryllium	mg/kg																
Boron	mg/kg																
Cadmium	mg/kg		1	<	U	1	-99						1	<	U	1	-99
Calcium	mg/kg																
Chromium	mg/kg		5			1	-99						6.9			1	-99
Cobalt	mg/kg																
Copper	mg/kg																
Iron	mg/kg																
Lead	mg/kg		4			0.5	-99						22			1	-99
Magnesium	mg/kg																
Manganese	mg/kg																
Mercury	mg/kg		0.02			0.01	-99						0.01	<	U	0.01	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																					
Location Code:		11SB06					11SD13					11WW01				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		C940822-11SB06-N00					LH11-SD13					11WW01 (0-2')				
Sample Date:		22-AUG-94					31-MAR-93					22-AUG-94				
Sample Depth:		.0 - 0					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg						.5	<	U	.5	-99	2.21	<	U	2.21	-99
m-Nitrotoluene	mg/kg						.25	<	U	.25	-99	1.05	<	U	1.05	-99
o-Nitrotoluene	mg/kg						.25	<	U	.25	-99	1.05	<	U	1.05	-99
p-Nitrotoluene	mg/kg						.25	<	U	.25	-99	1.28	<	U	1.28	-99
GEN CHEMISTRY																
Chloride	mg/kg						44			10	-99	18.6			5.8	-99
Nitrate	mg/kg						0.1	<	U	0.1	-99	0.64			0.12	-99
Specific Conductivity	umhos						60			0	0					
Sulfate	mg/kg						30			10	-99	16.9			5.8	-99
TOTAL SOLIDS	Percent						70.2			0	0	85.9			0	0
pH	STD UNIT						6.4			0	0					
METALS																
Aluminum	mg/kg															
Antimony	mg/kg						1	<	U	1	-99	1.1	<	U	1.1	-99
Arsenic	mg/kg						1.5			0.5	-99	3.7			0.57	-99
Barium	mg/kg						41.7			1	-99	73.2			1.1	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg						1	<	U	1	-99	0.57	<	U	0.57	-99
Calcium	mg/kg															
Chromium	mg/kg						8.1			1	-99	18.5			1.1	-99
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg						13			1	-99	7.66			0.57	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg						0.02			0.01	-99	0.11	<	U	0.11	-99

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	11WW02					11WW03					27SB03				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	11WW02 (0-2')					11WW03 (0-2')					27SB03 (0-0.5)				
		Sample Date:	20-AUG-94					21-AUG-94					04-OCT-00				
		Sample Depth:	.0 - 2					.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg		2.22	<	U	2.22	-99	2.15	<	U	2.15	-99					
m-Nitrotoluene	mg/kg		1.05	<	U	1.05	-99	1.02	<	U	1.02	-99					
o-Nitrotoluene	mg/kg		1.05	<	U	1.05	-99	1.02	<	U	1.02	-99					
p-Nitrotoluene	mg/kg		1.28	<	U	1.28	-99	1.24	<	U	1.24	-99					
GEN CHEMISTRY																	
Chloride	mg/kg		8.9			5.8	-99	32.9			5.6	-99					
Nitrate	mg/kg		0.61			0.12	-99	0.52			0.11	-99					
Specific Conductivity	umhos																
Sulfate	mg/kg		17			5.8	-99	17.9			5.6	-99					
TOTAL SOLIDS	Percent		85.7			0	0	88.5			0	0					
pH	STD UNIT																
METALS																	
Aluminum	mg/kg																
Antimony	mg/kg		1.1	<	U	1.1	-99	1.1	<	U	1.1	-99					
Arsenic	mg/kg		1.5			0.57	-99	4.2			0.56	-99					
Barium	mg/kg		116			1.1	-99	77.1			1.1	-99					
Beryllium	mg/kg																
Boron	mg/kg																
Cadmium	mg/kg		0.57	<	U	0.57	-99	0.56	<	U	0.56	-99					
Calcium	mg/kg																
Chromium	mg/kg		7.3			1.1	-99	9.9			1.1	-99					
Cobalt	mg/kg																
Copper	mg/kg																
Iron	mg/kg																
Lead	mg/kg		8.09			0.57	-99	7.1			0.56	-99					
Magnesium	mg/kg																
Manganese	mg/kg																
Mercury	mg/kg		0.11	<	U	0.11	-99	0.11	<	U	0.11	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB03					27SB03					27SB05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB03 (0-0.5)QC					27SB03 (1-2)					27SB05 (0-0.5)				
	Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB05					27SB05					27SB11				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB05 (0-0.5)QC					27SB05 (1-2)					27SB11 (0-0.5)				
	Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB11					27SB11					27SB34				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB11 (0-0.5)QC					27SB11 (1-2)					LH27-SB34(0-3)				
		Sample Date:	04-OCT-00					04-OCT-00					19-MAR-93				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 3				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg												.5	<	U	.5	-99
m-Nitrotoluene	mg/kg												.25	<	U	.25	-99
o-Nitrotoluene	mg/kg												.25	<	U	.25	-99
p-Nitrotoluene	mg/kg												.25	<	U	.25	-99
GEN CHEMISTRY																	
Chloride	mg/kg												222			10	-99
Nitrate	mg/kg												1.49			0.1	-99
Specific Conductivity	umhos												1320			0	0
Sulfate	mg/kg												280			10	-99
TOTAL SOLIDS	Percent												83.8			0	0
pH	STD UNIT												5.4			0	0
METALS																	
Aluminum	mg/kg																
Antimony	mg/kg												1	<	U	1	-99
Arsenic	mg/kg												1.1			0.1	-99
Barium	mg/kg												38.1			1	-99
Beryllium	mg/kg																
Boron	mg/kg																
Cadmium	mg/kg												1	<	U	1	-99
Calcium	mg/kg																
Chromium	mg/kg												5.9			1	-99
Cobalt	mg/kg																
Copper	mg/kg																
Iron	mg/kg																
Lead	mg/kg												4			1	-99
Magnesium	mg/kg																
Manganese	mg/kg																
Mercury	mg/kg												0.02			0.01	-99

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		27SB34					27SB38					27WW01				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LH27-SB34(0-3)QQC					LH27-SB38(0-2)					27WW01 (0-2')				
Sample Date:		19-MAR-93					20-MAR-93					18-AUG-94				
User Test Group	*Sample Depth:*	.0 - 3					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	2.26	<	U	2.26	-99
m-Nitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99	1.07	<	U	1.07	-99
o-Nitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99	1.07	<	U	1.07	-99
p-Nitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25	-99	1.31	<	U	1.31	-99
GEN CHEMISTRY																
Chloride	mg/kg	310			10	-99	310			10	-99	5.9	<	U	5.9	-99
Nitrate	mg/kg	0.89			0.1	-99	0.1	<	U	0.1	-99	0.75			0.12	-99
Specific Conductivity	umhos	1020			0	0	908			0	0					
Sulfate	mg/kg	220			10	-99	4000			300	-99	5.9	<	U	5.9	-99
TOTAL SOLIDS	Percent	83.8			0	0	81			0	0	84.1			0	0
pH	STD UNIT	5.4			0	0	7.5			0	0					
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1	<	U	1	-99	1	<	U	1	-99	1.2	<	U	1.2	-99
Arsenic	mg/kg	1			0.1	-99	0.7			0.1	-99	2.5		J	0.58	-99
Barium	mg/kg	20.1			1	-99	27.3			1	-99	105			1.2	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1	<	U	1	-99	1	<	U	1	-99	0.58	<	U	0.58	-99
Calcium	mg/kg															
Chromium	mg/kg	3.8			1	-99	6			1	-99	13.3		J	1.2	-99
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	5			1	-99	5			1	-99	9		J	0.58	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.02			0.01	-99	0.05			0.01	-99	0.12	<	UJ	0.12	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS01					400ASS01					400ASS02				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS01(0-0.5)					400ASS01(0-0.5)QC					400ASS02(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS03					400ASS04					400ASS05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS03(0-0.5)					400ASS04(0-0.5)					400ASS05(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg															
Arsenic	mg/kg															
Barium	mg/kg															
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg															
Calcium	mg/kg															
Chromium	mg/kg															
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg															
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	400ASS06					400ASS06					FWS-003				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	400ASS06(0-0.5)					C981204-400ASS06-N00					C-SS-003				
		Sample Date:	26-JUL-98					04-DEC-98					27-AUG-02				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg												4916		nv	10.3	
Antimony	mg/kg																
Arsenic	mg/kg												.61		nv	.516	
Barium	mg/kg												46.4		nv	.207	
Beryllium	mg/kg												.226		nv	.0207	
Boron	mg/kg												2.07	<	nv	2.07	
Cadmium	mg/kg												.103	<	UJL	.103	
Calcium	mg/kg																
Chromium	mg/kg												5.86		nv	.516	
Cobalt	mg/kg																
Copper	mg/kg												2.74		nv	.516	
Iron	mg/kg												3533		nv	10.3	
Lead	mg/kg												11.9		JL	2.07	
Magnesium	mg/kg												314		nv	10.3	
Manganese	mg/kg												170		nv	1.03	
Mercury	mg/kg												.103	<	nv	.103	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-004					FWS-005					FWS-041				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-004					C-SS-005					C-SS-041				
	Sample Date:	27-AUG-02					27-AUG-02					25-SEP-02				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	5727		nv	10.5		5332		nv	10.5		7279		nv	1.01	
Antimony	mg/kg															
Arsenic	mg/kg	1.44		nv	.525		1.86		nv	.525		3.2		nv	.503	
Barium	mg/kg	54.7		nv	.21		64.1		nv	.21		61.8		nv	1.01	
Beryllium	mg/kg	.14		nv	.021		.301		nv	.021		.532		J	.0302	
Boron	mg/kg	2.1	<	nv	2.1		2.1	<	nv	2.1		1.01	<	nv	1.01	
Cadmium	mg/kg	.105	<	UJL	.105		.105	<	UJL	.105		.468		JH	.101	
Calcium	mg/kg															
Chromium	mg/kg	6.44		nv	.525		7.89		nv	.525		14.7		nv	.503	
Cobalt	mg/kg															
Copper	mg/kg	2.43		nv	.525		1.82		nv	.525		5.11		nv	.503	
Iron	mg/kg	6851		nv	10.5		5833		nv	10.5		14380		nv	5.03	
Lead	mg/kg	13.1		JL	2.1		16.4		JL	2.1		12.5		nv	.503	
Magnesium	mg/kg	464		nv	10.5		307		nv	10.5		516		nv	5.03	
Manganese	mg/kg	585		nv	1.05		1455		nv	1.05		53.3		J	1.01	
Mercury	mg/kg	.105	<	nv	.105		.105	<	nv	.105		.0503	<	nv	.0503	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-042					FWS-043					FWS-050				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	C-SS-042					C-SS-043					CLNWR050				
		Sample Date:	25-SEP-02					25-SEP-02					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		6586		nv	1.04		3488		nv	1.02		3030		nv	10.5	
Antimony	mg/kg																
Arsenic	mg/kg		6.69		nv	.518		2.35		nv	.511		1.3		nv	.524	
Barium	mg/kg		149		nv	1.04		69.5		nv	1.02		132		nv	1.05	
Beryllium	mg/kg		.69		J	.0311		.96		J	.0307		.352		nv	.21	
Boron	mg/kg		1.04	<	nv	1.04		1.02	<	nv	1.02		2.4		nv	2.1	
Cadmium	mg/kg		.35		JH	.104		.472		JH	.102		.262	<	nv	.262	
Calcium	mg/kg																
Chromium	mg/kg		9.3		nv	.518		16.6		nv	.511		4.97		nv	1.05	
Cobalt	mg/kg																
Copper	mg/kg		7.86		nv	.518		6.9		nv	.511		2.08		nv	.524	
Iron	mg/kg		17860		nv	5.18		11160		nv	5.11		3345		nv	10.5	
Lead	mg/kg		13.3		nv	.518		11.2		nv	.511		11		nv	2.1	
Magnesium	mg/kg		1274		nv	5.18		246		nv	5.11		300		nv	10.5	
Manganese	mg/kg		142		J	1.04		222		J	1.02		1021		nv	1.05	
Mercury	mg/kg		.0518	<	nv	.0518		.0511	<	nv	.0511		.0474		nv	.024	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-051					FWS-055					FWS-056				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR051					CLNWR055					CL056DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	5295		nv	10.6		3143		JH	10.8		3457		nv	10.6	
Antimony	mg/kg															
Arsenic	mg/kg	1.65		nv	.53		.924		nv	.54		1.41		nv	.528	
Barium	mg/kg	117		nv	1.06		66.5		nv	1.08		127		nv	1.06	
Beryllium	mg/kg	.56		nv	.212		.454		nv	.216		.456		nv	.211	
Boron	mg/kg	3.19		nv	2.12		2.16	<	nv	2.16		2.11	<	nv	2.11	
Cadmium	mg/kg	.265	<	nv	.265		.27	<	nv	.27		.264	<	nv	.264	
Calcium	mg/kg															
Chromium	mg/kg	7.28		nv	1.06		4.73		nv	1.08		7.95		nv	1.06	
Cobalt	mg/kg															
Copper	mg/kg	2.67		nv	.53		1.39		nv	.54		3.45		nv	.528	
Iron	mg/kg	5537		nv	10.6		3615		nv	10.8		4706		nv	10.6	
Lead	mg/kg	11.6		nv	2.12		9.1		nv	2.16		11.3		nv	2.11	
Magnesium	mg/kg	311		nv	10.6		224		nv	10.8		252		nv	10.6	
Manganese	mg/kg	599		nv	1.06		48.8		nv	1.08		695		nv	1.06	
Mercury	mg/kg	.0309		nv	.0244		.0278		nv	.0211		.0273		nv	.0193	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-056					FWS-062					FWS-063				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR056					CLNWR062					CLNWR063				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	4050		nv	10.8		3336		nv	10.8		4301		nv	10.8	
Antimony	mg/kg															
Arsenic	mg/kg	1.83		nv	.54		1.67		nv	.542		2.63		nv	.538	
Barium	mg/kg	149		nv	1.08		129		nv	1.08		102		nv	1.08	
Beryllium	mg/kg	.504		nv	.216		.497		nv	.217		.922		nv	.215	
Boron	mg/kg	2.64		nv	2.16		2.17	<	nv	2.17		2.15	<	nv	2.15	
Cadmium	mg/kg	.27	<	nv	.27		.271	<	nv	.271		.269	<	nv	.269	
Calcium	mg/kg															
Chromium	mg/kg	8.06		nv	1.08		5.13		nv	1.08		6.24		nv	1.08	
Cobalt	mg/kg															
Copper	mg/kg	3.45		nv	.54		4.39		nv	.542		3.85		nv	.538	
Iron	mg/kg	4643		nv	10.8		4067		nv	10.8		7165		nv	10.8	
Lead	mg/kg	12.1		nv	2.16		10.3		nv	2.17		12.9		nv	2.15	
Magnesium	mg/kg	291		nv	10.8		331		nv	10.8		445		nv	10.8	
Manganese	mg/kg	787		nv	1.08		904		nv	1.08		793		nv	1.08	
Mercury	mg/kg	.0289		nv	.0193		.0391		nv	.0208		.042		nv	.0192	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-073					FWS-074					FWS-075				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR073					CLNWR074					CL075DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	2561		nv	10.5		2041		nv	10.1		9718		nv	10.5	
Antimony	mg/kg															
Arsenic	mg/kg	1.16		nv	.524		1.3		nv	.503		4.51		nv	.524	
Barium	mg/kg	33.8		nv	1.05		37.6		nv	1.01		310		nv	1.05	
Beryllium	mg/kg	.21	<	nv	.21		.201	<	nv	.201		1.78		nv	.21	
Boron	mg/kg	2.1		nv	2.1		2.01	<	nv	2.01		2.1	<	nv	2.1	
Cadmium	mg/kg	.262	<	nv	.262		.252	<	nv	.252		.262	<	nv	.262	
Calcium	mg/kg															
Chromium	mg/kg	5.11		nv	1.05		3.78		nv	1.01		12		nv	1.05	
Cobalt	mg/kg															
Copper	mg/kg	.883		nv	.524		.81		nv	.503		7.83		nv	.524	
Iron	mg/kg	3043		nv	10.5		2670		nv	10.1		15750		nv	10.5	
Lead	mg/kg	6.83		nv	2.1		7.59		nv	2.01		24.8		nv	2.1	
Magnesium	mg/kg	364		nv	10.5		165		nv	10.1		1358		nv	10.5	
Manganese	mg/kg	177		nv	1.05		166		nv	1.01		2498		nv	1.05	
Mercury	mg/kg	.0227	<	nv	.0227		.0345		nv	.0239		.0759		nv	.0254	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-075					FWS-076					FWS-077				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR075					CLNWR076					CLNWR077				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	9359		nv	10.5		10250		nv	10.2		2761		nv	10.3	
Antimony	mg/kg															
Arsenic	mg/kg	4.52		nv	.524		4.83		nv	.512		1.63		nv	.516	
Barium	mg/kg	334		nv	1.05		383		nv	1.02		63.8		nv	1.03	
Beryllium	mg/kg	1.61		nv	.21		1.52		nv	.205		.398		nv	.206	
Boron	mg/kg	2.1	<	nv	2.1		2.05	<	nv	2.05		2.06	<	nv	2.06	
Cadmium	mg/kg	.262	<	nv	.262		.538		nv	.256		.258	<	nv	.258	
Calcium	mg/kg															
Chromium	mg/kg	11.8		nv	1.05		9.13		nv	1.02		3.74		nv	1.03	
Cobalt	mg/kg															
Copper	mg/kg	7.43		nv	.524		9.28		nv	.512		1.48		nv	.516	
Iron	mg/kg	16080		nv	10.5		17470		nv	10.2		4200		nv	10.3	
Lead	mg/kg	23.6		nv	2.1		24.2		nv	2.05		21		nv	2.06	
Magnesium	mg/kg	1310		nv	10.5		1507		nv	10.2		247		nv	10.3	
Manganese	mg/kg	2669		nv	1.05		4518		nv	1.02		622		nv	1.03	
Mercury	mg/kg	.0764		nv	.0261		.0798		nv	.0275		.0403		nv	.0199	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-078					FWS-079					FWS-080				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR078					CLNWR079					CLNWR080				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		5275		nv	10.3		10870		nv	10.2		7037		nv	10.2	
Antimony	mg/kg																
Arsenic	mg/kg		1.5		nv	.517		4.22		nv	.508		2.65		nv	.51	
Barium	mg/kg		80.2		nv	1.03		247		nv	1.02		72		nv	1.02	
Beryllium	mg/kg		.47		nv	.207		1.19		nv	.203		.589		nv	.204	
Boron	mg/kg		2.07	<	nv	2.07		2.03	<	nv	2.03		2.04	<	nv	2.04	
Cadmium	mg/kg		.259	<	nv	.259		.338		nv	.254		.255	<	nv	.255	
Calcium	mg/kg																
Chromium	mg/kg		7.62		nv	1.03		12.5		nv	1.02		10.9		nv	1.02	
Cobalt	mg/kg																
Copper	mg/kg		2.17		nv	.517		6.77		nv	.508		2.37		nv	.51	
Iron	mg/kg		4131		nv	10.3		15850		nv	10.2		6842		nv	10.2	
Lead	mg/kg		11.2		nv	2.07		22.2		nv	2.03		14.5		nv	2.04	
Magnesium	mg/kg		280		nv	10.3		1409		nv	10.2		401		nv	10.2	
Manganese	mg/kg		304		nv	1.03		2962		nv	1.02		486		nv	1.02	
Mercury	mg/kg		.026		nv	.0249		.0779		nv	.0231		.0237	<	nv	.0237	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-081					FWS-082					FWS-083				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR081					CLNWR082					CLNWR083				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	5067		nv	10.4		21700		nv	10.3		4264		nv	10.9	
Antimony	mg/kg															
Arsenic	mg/kg	2.15		nv	.519		6.75		nv	.517		3.13		nv	.546	
Barium	mg/kg	205		nv	1.04		397		nv	1.03		109		nv	1.09	
Beryllium	mg/kg	1.09		nv	.208		2.24		nv	.207		.611		nv	.218	
Boron	mg/kg	2.08	<	nv	2.08		2.07	<	nv	2.07		2.18	<	nv	2.18	
Cadmium	mg/kg	.26	<	nv	.26		.272		nv	.259		.334		nv	.273	
Calcium	mg/kg															
Chromium	mg/kg	10		nv	1.04		22.9		nv	1.03		7.4		nv	1.09	
Cobalt	mg/kg															
Copper	mg/kg	4.51		nv	.519		12.3		nv	.517		4.52		nv	.546	
Iron	mg/kg	5604		nv	10.4		27040		nv	10.3		7103		nv	10.9	
Lead	mg/kg	14.1		nv	2.08		34.1		nv	2.07		17.4		nv	2.18	
Magnesium	mg/kg	375		nv	10.4		2260		nv	10.3		558		nv	10.9	
Manganese	mg/kg	1084		nv	1.04		4346		nv	1.03		1370		nv	1.09	
Mercury	mg/kg	.03		nv	.0209		.0853		nv	.023		.048		nv	.0227	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-084					FWS-085					FWS-086				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR084					CLNWR085					CLNWR086				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	2716		nv	9.93		9522		nv	10.4		1866		nv	10.6	
Antimony	mg/kg															
Arsenic	mg/kg	3.03		nv	.497		4.2		nv	.519		1.44		nv	.53	
Barium	mg/kg	57.9		nv	.993		225		nv	1.04		147		nv	1.06	
Beryllium	mg/kg	.342		nv	.199		.97		nv	.208		.71		J	.212	
Boron	mg/kg	1.99	<	nv	1.99		2.08	<	nv	2.08		2.12	<	nv	2.12	
Cadmium	mg/kg	.248	<	nv	.248		.291		nv	.26		.265	<	nv	.265	
Calcium	mg/kg															
Chromium	mg/kg	5.7		nv	.993		11.7		nv	1.04		11.5		nv	1.06	
Cobalt	mg/kg															
Copper	mg/kg	1.07		nv	.497		5.11		nv	.519		1.76		nv	.53	
Iron	mg/kg	4892		nv	9.93		9365		nv	10.4		4562		nv	10.6	
Lead	mg/kg	13.9		nv	1.99		18.9		nv	2.08		9.27		nv	2.12	
Magnesium	mg/kg	189		nv	9.93		626		nv	10.4		141		J	10.6	
Manganese	mg/kg	144		nv	.993		2123		nv	1.04		807		nv	1.06	
Mercury	mg/kg	.0328		nv	.0216		.0515		nv	.0257		.0252		nv	.0192	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-087					FWS-095					FWS-098				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR087					CLNWR095					CLNWR098				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	5554		nv	10.7		4487		nv	10.2		4604		nv	10.3	
Antimony	mg/kg															
Arsenic	mg/kg	2.88		nv	.536		.789		nv	.508		2.97		nv	.517	
Barium	mg/kg	98.7		nv	1.07		43.5		nv	1.02		170		nv	1.03	
Beryllium	mg/kg	.49		nv	.214		.203	<	nv	.203		.774		nv	.207	
Boron	mg/kg	2.34		nv	2.14		2.03	<	nv	2.03		2.07	<	nv	2.07	
Cadmium	mg/kg	.268	<	nv	.268		.254	<	nv	.254		.259	<	nv	.259	
Calcium	mg/kg															
Chromium	mg/kg	12.3		nv	1.07		2.49		nv	1.02		14.9		nv	1.03	
Cobalt	mg/kg															
Copper	mg/kg	2.63		nv	.536		.825		nv	.508		3.23		nv	.517	
Iron	mg/kg	6953		nv	10.7		4861		nv	10.2		11919		nv	10.3	
Lead	mg/kg	9.88		nv	2.14		6.4		nv	2.03		12.3		nv	2.07	
Magnesium	mg/kg	427		nv	10.7		121		nv	10.2		326		nv	10.3	
Manganese	mg/kg	256		nv	1.07		577		nv	1.02		721		nv	1.03	
Mercury	mg/kg	.0451		nv	.0207		.0192		nv	.0186		.0438		nv	.0186	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-102					FWS-103					FWS-104				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR102					CLNWR103					CLNWR104				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		3486		nv	10.2		5140		nv	10.1		5879		nv	10.1	
Antimony	mg/kg																
Arsenic	mg/kg		2.03		nv	.51		2.47		nv	.505		2.65		nv	.503	
Barium	mg/kg		71.9		nv	1.02		112		nv	1.01		84		nv	1.01	
Beryllium	mg/kg		.627		nv	.204		.683		nv	.202		.901		nv	.201	
Boron	mg/kg		2.04	<	nv	2.04		2.02	<	nv	2.02		2.01	<	nv	2.01	
Cadmium	mg/kg		.255	<	nv	.255		.252	<	nv	.252		.252	<	nv	.252	
Calcium	mg/kg																
Chromium	mg/kg		14.6		nv	1.02		15.2		nv	1.01		11.1		nv	1.01	
Cobalt	mg/kg																
Copper	mg/kg		1.55		nv	.51		2.25		nv	.505		2.28		nv	.503	
Iron	mg/kg		6109		nv	10.2		9267		nv	10.1		8628		nv	10.1	
Lead	mg/kg		10.7		nv	2.04		10.4		nv	2.02		26.3		nv	2.01	
Magnesium	mg/kg		223		nv	10.2		274		nv	10.1		346		nv	10.1	
Manganese	mg/kg		641		nv	1.02		532		nv	1.01		1738		nv	1.01	
Mercury	mg/kg		.0275		nv	.0172		.0279		nv	.0135		.0413		nv	.0206	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-105					FWS-106					FWS-107				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR105					CLNWR106					CLNWR107				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	4782		nv	10.2		11880		nv	10.6		1530		nv	10.2	
Antimony	mg/kg															
Arsenic	mg/kg	3.33		nv	.512		3.77		nv	.528		.791		nv	.51	
Barium	mg/kg	79.2		nv	1.02		286		nv	1.06		47.3		nv	1.02	
Beryllium	mg/kg	1.37		nv	.205		1.55		nv	.211		.304		nv	.204	
Boron	mg/kg	2.05	<	nv	2.05		2.11	<	nv	2.11		2.04	<	nv	2.04	
Cadmium	mg/kg	.256	<	nv	.256		.372		nv	.264		.255	<	nv	.255	
Calcium	mg/kg															
Chromium	mg/kg	17.5		nv	1.02		15.8		nv	1.06		4.09		nv	1.02	
Cobalt	mg/kg															
Copper	mg/kg	3.07		nv	.512		5.25		nv	.528		.916		nv	.51	
Iron	mg/kg	15330		nv	10.2		13200		nv	10.6		2965		nv	10.2	
Lead	mg/kg	11.8		nv	2.05		27.7		nv	2.11		7.07		nv	2.04	
Magnesium	mg/kg	201		nv	10.2		946		nv	10.6		149		nv	10.2	
Manganese	mg/kg	754		nv	1.02		2255		nv	1.06		242		nv	1.02	
Mercury	mg/kg	.0302		nv	.0195		.07		nv	.0192		.0228		nv	.0185	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-109					FWS-110					FWS-111				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR109					CLNWR110					CLNWR111				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	8017		nv	10.3		8160		nv	10.3		2257		nv	10.2	
Antimony	mg/kg															
Arsenic	mg/kg	3.27		nv	.514		2.28		nv	.514		1.05		nv	.508	
Barium	mg/kg	377		nv	1.03		241		nv	1.03		27		nv	1.02	
Beryllium	mg/kg	1.53		nv	.206		.996		nv	.206		.284		nv	.203	
Boron	mg/kg	2.05	<	nv	2.05		2.05	<	nv	2.05		2.03	<	nv	2.03	
Cadmium	mg/kg	.362		nv	.257		.388		nv	.257		.254	<	nv	.254	
Calcium	mg/kg															
Chromium	mg/kg	8.71		nv	1.03		10.7		nv	1.03		9.53		nv	1.02	
Cobalt	mg/kg															
Copper	mg/kg	7.4		nv	.514		6.73		nv	.514		.964		nv	.508	
Iron	mg/kg	13920		nv	10.3		11250		nv	10.3		5149		nv	10.2	
Lead	mg/kg	23.9		nv	2.05		17.9		nv	2.05		7.67		nv	2.03	
Magnesium	mg/kg	1146		nv	10.3		1018		nv	10.3		124		nv	10.2	
Manganese	mg/kg	1773		nv	1.03		2208		nv	1.03		64.1		nv	1.02	
Mercury	mg/kg	.0573		nv	.0191		.0695		nv	.0203		.0155	<	nv	.0155	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-120					FWS-127					FWS-136				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR120					CLNWR127					CLNWR136				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	1836		nv	10.2		2437		nv	10		8418		nv	10.5	
Antimony	mg/kg															
Arsenic	mg/kg	.724		nv	.508		1.55		nv	.5		2.52		nv	.526	
Barium	mg/kg	35.7		nv	1.02		52.3		nv	1		295		nv	1.05	
Beryllium	mg/kg	.203	<	nv	.203		.996		nv	.2		1.02		nv	.21	
Boron	mg/kg	2.03	<	nv	2.03		2	<	nv	2		2.11	<	nv	2.11	
Cadmium	mg/kg	.254	<	nv	.254		.25	<	nv	.25		.263	<	nv	.263	
Calcium	mg/kg															
Chromium	mg/kg	3		nv	1.02		16.7		nv	1		11.4		nv	1.05	
Cobalt	mg/kg															
Copper	mg/kg	1.04		nv	.508		2.22		nv	.5		5.55		nv	.526	
Iron	mg/kg	2875		nv	10.2		10178		nv	10		9998		nv	10.5	
Lead	mg/kg	7.88		nv	2.03		8.7		nv	2		24.1		nv	2.11	
Magnesium	mg/kg	197		nv	10.2		184		nv	10		712		nv	10.5	
Manganese	mg/kg	174		nv	1.02		403		nv	1		2322		nv	1.05	
Mercury	mg/kg	.0296		nv	.0172		.0187		nv	.0146		.0654		nv	.02	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-140					FWS-140					FWS-141				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CL140DUP					CLNWR140					CLNWR141				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		8669		nv	10.3		10090		nv	10.4		5501		nv	10.2	
Antimony	mg/kg																
Arsenic	mg/kg		1.58		nv	.517		1.93		nv	.521		2.07		nv	.508	
Barium	mg/kg		298		nv	1.03		335		nv	1.04		196		nv	1.02	
Beryllium	mg/kg		1.69		nv	.207		1.67		nv	.208		1.01		nv	.203	
Boron	mg/kg		2.07	<	nv	2.07		2.08	<	nv	2.08		2.03	<	nv	2.03	
Cadmium	mg/kg		.259	<	nv	.259		.26	<	nv	.26		.254	<	nv	.254	
Calcium	mg/kg																
Chromium	mg/kg		9.54		J	1.03		11.5		nv	1.04		8.44		nv	1.02	
Cobalt	mg/kg																
Copper	mg/kg		6.14		nv	.517		6.41		nv	.521		3.65		nv	.508	
Iron	mg/kg		7915		nv	10.3		8555		nv	10.4		9501		nv	10.2	
Lead	mg/kg		27.8		nv	2.07		27.5		nv	2.08		20.6		nv	2.03	
Magnesium	mg/kg		502		nv	10.3		562		nv	10.4		429		nv	10.2	
Manganese	mg/kg		384		nv	1.03		390		nv	1.04		1230		nv	1.02	
Mercury	mg/kg		.0809		nv	.0186		.071		nv	.02		.078		nv	.0161	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-142					FWS-143					FWS-144				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR142					CLNWR143					CLNWR144				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	6681		nv	10.8		2440		nv	10.2		2219		nv	10	
Antimony	mg/kg															
Arsenic	mg/kg	.623		nv	.54		1.15		nv	.51		1.24		nv	.5	
Barium	mg/kg	71.3		nv	1.08		86.4		nv	1.02		141		nv	1	
Beryllium	mg/kg	.249		nv	.216		.463		nv	.204		.311		nv	.2	
Boron	mg/kg	2.16	<	nv	2.16		2.04	<	nv	2.04		2	<	nv	2	
Cadmium	mg/kg	.27	<	nv	.27		.255	<	nv	.255		.25	<	nv	.25	
Calcium	mg/kg															
Chromium	mg/kg	8.63		nv	1.08		3.93		nv	1.02		4.95		nv	1	
Cobalt	mg/kg															
Copper	mg/kg	2.62		nv	.54		2.14		nv	.51		1.54		nv	.5	
Iron	mg/kg	3565		nv	10.8		2653		nv	10.2		2861		nv	10	
Lead	mg/kg	11.9		nv	2.16		12.4		nv	2.04		8.23		nv	2	
Magnesium	mg/kg	469		nv	10.8		206		nv	10.2		218		nv	10	
Manganese	mg/kg	60.4		nv	1.08		474		nv	1.02		619		nv	1	
Mercury	mg/kg	.0275		nv	.0182		.035		nv	.0191		.0353		nv	.0193	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-145					FWS-146					FWS-147				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR145					CLNWR146					CLNWR147				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	2158		nv	10.5		3033		nv	10.4		2873		nv	9.97	
Antimony	mg/kg															
Arsenic	mg/kg	.901		nv	.526		1.98		nv	.519		5.6		nv	.498	
Barium	mg/kg	67.5		nv	1.05		158		nv	1.04		95.5		nv	.997	
Beryllium	mg/kg	.338		nv	.21		.687		nv	.208		1		nv	.199	
Boron	mg/kg	2.11	<	nv	2.11		2.08	<	nv	2.08		1.99	<	nv	1.99	
Cadmium	mg/kg	.263	<	nv	.263		.26	<	nv	.26		.249	<	nv	.249	
Calcium	mg/kg															
Chromium	mg/kg	4.27		nv	1.05		11.1		nv	1.04		24		nv	.997	
Cobalt	mg/kg															
Copper	mg/kg	1.59		nv	.526		1.92		nv	.519		1.7		nv	.498	
Iron	mg/kg	2603		nv	10.5		5069		nv	10.4		32550		nv	9.97	
Lead	mg/kg	9.19		nv	2.11		10.1		nv	2.08		74.7		nv	1.99	
Magnesium	mg/kg	175		nv	10.5		218		nv	10.4		247		nv	9.97	
Manganese	mg/kg	683		nv	1.05		950		nv	1.04		1410		nv	.997	
Mercury	mg/kg	.0294		nv	.0142		.0392		nv	.0143		.0303		nv	.0164	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-148					FWS-150					FWS-151				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR148					CLNWR150					CLNWR151				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		1951		nv	10.2		8531		nv	10.3		3006		nv	10.3	
Antimony	mg/kg																
Arsenic	mg/kg		1.06		nv	.512		.516	<	nv	.516		.514	<	nv	.514	
Barium	mg/kg		93.9		nv	1.02		180		nv	1.03		149		nv	1.03	
Beryllium	mg/kg		.449		nv	.205		.828		nv	.206		.593		nv	.206	
Boron	mg/kg		2.05	<	nv	2.05		2.06	<	nv	2.06		2.05	<	nv	2.05	
Cadmium	mg/kg		.256	<	nv	.256		.258	<	nv	.258		.257	<	nv	.257	
Calcium	mg/kg																
Chromium	mg/kg		4.65		nv	1.02		9.53		nv	1.03		3.65		nv	1.03	
Cobalt	mg/kg																
Copper	mg/kg		1.98		nv	.512		4.28		nv	.516		2.96		nv	.514	
Iron	mg/kg		3111		nv	10.2		3893		nv	10.3		1690		nv	10.3	
Lead	mg/kg		6.64		nv	2.05		19.3		nv	2.06		16.3		nv	2.05	
Magnesium	mg/kg		154		nv	10.2		705		nv	10.3		369		nv	10.3	
Manganese	mg/kg		1013		nv	1.02		24.6		nv	1.03		13.9		nv	1.03	
Mercury	mg/kg		.0256		nv	.0178		.035		nv	.0159		.0942		nv	.0171	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-152					FWS-152					FWS-155				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CL152DUP					CLNWR152					CLNWR155				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		8120		nv	10.2		9311		nv	10.1		5306		nv	10.1	
Antimony	mg/kg																
Arsenic	mg/kg		.829		nv	.512		1.58		nv	.505		1.65		nv	.505	
Barium	mg/kg		122		nv	1.02		143		nv	1.01		156		nv	1.01	
Beryllium	mg/kg		1.22		nv	.205		1.32		nv	.202		.733		nv	.202	
Boron	mg/kg		2.05	<	nv	2.05		2.02	<	nv	2.02		2.02	<	nv	2.02	
Cadmium	mg/kg		.256	<	nv	.256		.252	<	nv	.252		.252	<	nv	.252	
Calcium	mg/kg																
Chromium	mg/kg		9.54		nv	1.02		10.5		nv	1.01		8.78		nv	1.01	
Cobalt	mg/kg																
Copper	mg/kg		7.2		nv	.512		7.58		nv	.505		3.43		nv	.505	
Iron	mg/kg		7647		nv	10.2		8698		nv	10.1		5484		nv	10.1	
Lead	mg/kg		27.2		nv	2.05		31		nv	2.02		38.4		nv	2.02	
Magnesium	mg/kg		928		nv	10.2		1042		nv	10.1		582		nv	10.1	
Manganese	mg/kg		91		nv	1.02		125		nv	1.01		777		nv	1.01	
Mercury	mg/kg		.0608		nv	.0171		.065		nv	.0179		.0526		nv	.0146	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-156					FWS-158					FWS-159				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR156					CLNWR158					CLNWR159				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		3374		nv	10.3		7182		nv	10.2		9475		nv	10.4	
Antimony	mg/kg																
Arsenic	mg/kg		.643		nv	.517		1.24		nv	.512		1.67		nv	.519	
Barium	mg/kg		81.7		nv	1.03		74.9		nv	1.02		229		nv	1.04	
Beryllium	mg/kg		.391		nv	.207		.369		nv	.205		1.1		nv	.208	
Boron	mg/kg		2.07	<	nv	2.07		2.05	<	nv	2.05		2.08	<	nv	2.08	
Cadmium	mg/kg		.259	<	nv	.259		.256	<	nv	.256		.26	<	nv	.26	
Calcium	mg/kg																
Chromium	mg/kg		4.09		nv	1.03		11		nv	1.02		11.1		nv	1.04	
Cobalt	mg/kg																
Copper	mg/kg		3.08		nv	.517		2.38		nv	.512		8.23		nv	.519	
Iron	mg/kg		3425		nv	10.3		6610		nv	10.2		11807		nv	10.4	
Lead	mg/kg		21.5		nv	2.07		11.2		nv	2.05		23.8		nv	2.08	
Magnesium	mg/kg		262		nv	10.3		442		nv	10.2		1365		nv	10.4	
Manganese	mg/kg		42.3		nv	1.03		351		nv	1.02		1195		nv	1.04	
Mercury	mg/kg		.0589		nv	.0147		.0272		nv	.0154		.109		nv	.0185	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-169					FWS-172					FWS-173				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR169					CLNWR172					CLNWR173				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	2071		nv	10.4		3611		nv	10.2		2112		nv	10	
Antimony	mg/kg															
Arsenic	mg/kg	1.35		nv	.521		2.3		nv	.512		1.15		nv	.5	
Barium	mg/kg	58.9		nv	1.04		139		nv	1.02		124		nv	1	
Beryllium	mg/kg	.548		nv	.208		.888		nv	.205		.574		nv	.2	
Boron	mg/kg	2.08	<	nv	2.08		2.05	<	nv	2.05		2	<	nv	2	
Cadmium	mg/kg	.26	<	nv	.26		.256	<	nv	.256		.25	<	nv	.25	
Calcium	mg/kg															
Chromium	mg/kg	5.1		nv	1.04		10.2		nv	1.02		5.13		nv	1	
Cobalt	mg/kg															
Copper	mg/kg	1.85		nv	.521		3.37		nv	.512		1.41		nv	.5	
Iron	mg/kg	3266		nv	10.4		9485		nv	10.2		4498		nv	10	
Lead	mg/kg	9.52		nv	2.08		12.8		nv	2.05		12.4		nv	2	
Magnesium	mg/kg	205		nv	10.4		428		nv	10.2		193		nv	10	
Manganese	mg/kg	334		nv	1.04		723		nv	1.02		1062		nv	1	
Mercury	mg/kg	.0245		nv	.0149		.0533		nv	.013		.074		nv	.016	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-174					FWS-175					FWS-179				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR174					CLNWR175					CLNWR179				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		3722		nv	10.6		2473		nv	10.7		5445		nv	10.7	
Antimony	mg/kg																
Arsenic	mg/kg		2.48		nv	.53		1.17		nv	.536		1.64		nv	.536	
Barium	mg/kg		129		nv	1.06		175		nv	1.07		41.3		nv	.214	
Beryllium	mg/kg		1.47		nv	.212		.444		nv	.214		.426		nv	.214	
Boron	mg/kg		2.12	<	nv	2.12		2.14	<	nv	2.14		2.14	<	nv	2.14	
Cadmium	mg/kg		.265	<	nv	.265		.268	<	nv	.268		.268	<	nv	.268	
Calcium	mg/kg																
Chromium	mg/kg		10.4		nv	1.06		8.1		nv	1.07		11.3		nv	1.07	
Cobalt	mg/kg																
Copper	mg/kg		3.48		nv	.53		3.21		nv	.536		1.96		nv	.536	
Iron	mg/kg		8093		nv	10.6		4371		nv	10.7		5309		nv	10.7	
Lead	mg/kg		14.6		nv	2.12		9.9		nv	2.14		9.09		nv	2.14	
Magnesium	mg/kg		245		nv	10.6		384		nv	10.7		272		J	10.7	
Manganese	mg/kg		1091		nv	1.06		1032		nv	1.07		340		nv	1.07	
Mercury	mg/kg		.094		nv	.0159		.0449		nv	.0173		.0321		nv	.016	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-181					FWS-183					FWS-184				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR181					CLNWR183					CLNWR184				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	4248		nv	10.4		4404		nv	10.2		3776		nv	10.4	
Antimony	mg/kg															
Arsenic	mg/kg	2.11		nv	.521		1.98		nv	.508		2.61		nv	.519	
Barium	mg/kg	43.1		nv	.208		52.8		nv	.203		119		nv	.208	
Beryllium	mg/kg	.554		nv	.208		.69		nv	.203		1.74		nv	.208	
Boron	mg/kg	2.08	<	nv	2.08		2.03	<	nv	2.03		2.08	<	nv	2.08	
Cadmium	mg/kg	.26	<	nv	.26		.254	<	nv	.254		.26	<	nv	.26	
Calcium	mg/kg															
Chromium	mg/kg	9.85		nv	1.04		8.45		nv	1.02		11.6		nv	1.04	
Cobalt	mg/kg															
Copper	mg/kg	1.6		nv	.521		2.01		nv	.508		2.89		nv	.519	
Iron	mg/kg	8422		nv	10.4		5818		nv	10.2		9751		nv	10.4	
Lead	mg/kg	14.1		nv	2.08		16.8		nv	2.03		15.3		nv	2.08	
Magnesium	mg/kg	265		nv	10.4		304		nv	10.2		337		nv	10.4	
Manganese	mg/kg	696		nv	1.04		565		nv	1.02		645		nv	1.04	
Mercury	mg/kg	.0322		nv	.0136		.0579		nv	.0175		.038		nv	.0173	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-185					FWS-186					FWS-186				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR185					CL186DUP					CLNWR186				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		3973		nv	10.2		6717		nv	10.3		6652		nv	10.1	
Antimony	mg/kg																
Arsenic	mg/kg		.62		nv	.508		2.3		nv	.514		1.3		nv	.505	
Barium	mg/kg		93.1		nv	.203		150		nv	.206		218		nv	.202	
Beryllium	mg/kg		.568		nv	.203		1.7		nv	.206		1.68		nv	.202	
Boron	mg/kg		2.03	<	nv	2.03		2.05	<	nv	2.05		2.02	<	nv	2.02	
Cadmium	mg/kg		.254	<	nv	.254		.257	<	nv	.257		.252	<	nv	.252	
Calcium	mg/kg																
Chromium	mg/kg		6.01		nv	1.02		10.9		nv	1.03		9.8		nv	1.01	
Cobalt	mg/kg																
Copper	mg/kg		3.73		nv	.508		3.41		nv	.514		3.85		nv	.505	
Iron	mg/kg		4198		nv	10.2		12540		nv	10.3		10270		nv	10.1	
Lead	mg/kg		32.5		nv	2.03		20.5		nv	2.05		21.7		nv	2.02	
Magnesium	mg/kg		367		nv	10.2		347		nv	10.3		395		nv	10.1	
Manganese	mg/kg		129		nv	1.02		744		nv	1.03		1179		nv	1.01	
Mercury	mg/kg		.0599		nv	.0187		.0354		nv	.0216		.0542		nv	.0227	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		Location Code:	FWS-187					FWS-188					FWS-197				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR187					CLNWR188					CLNWR197				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		3858		nv	10.5		5420		nv	10		6144		nv	10.3	
Antimony	mg/kg																
Arsenic	mg/kg		1.29		nv	.526		1.88		nv	.5		2.17		nv	.517	
Barium	mg/kg		36.5		nv	.21		36		nv	.2		164		nv	.207	
Beryllium	mg/kg		.363		nv	.21		.409		nv	.2		1.15		nv	.207	
Boron	mg/kg		2.11	<	nv	2.11		2	<	nv	2		2.07	<	nv	2.07	
Cadmium	mg/kg		.263	<	nv	.263		.25	<	nv	.25		.259	<	nv	.259	
Calcium	mg/kg																
Chromium	mg/kg		6.78		nv	1.05		7.2		nv	1		10.1		nv	1.03	
Cobalt	mg/kg																
Copper	mg/kg		1.34		nv	.526		1.54		nv	.5		2.36		nv	.517	
Iron	mg/kg		3746		nv	10.5		5373		nv	10		7135		nv	10.3	
Lead	mg/kg		11.5		nv	2.11		9.31		nv	2		14.1		nv	2.07	
Magnesium	mg/kg		213		nv	10.5		360		nv	10		501		nv	10.3	
Manganese	mg/kg		1159		nv	1.05		616		nv	1		3160		nv	1.03	
Mercury	mg/kg		.0497		nv	.022		.0404		nv	.0211		.0768		nv	.0224	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-198					FWS-199					FWS-200				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR198					CLNWR199					CL200DUP				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		9552		nv	10.2		4643		nv	10		6373		nv	10.2	
Antimony	mg/kg																
Arsenic	mg/kg		1.04		nv	.512		2.71		nv	.5		.512	<	nv	.512	
Barium	mg/kg		55.4		nv	.205		47.7		nv	.2		30.5		nv	.205	
Beryllium	mg/kg		.66		nv	.205		1.01		nv	.2		.264		nv	.205	
Boron	mg/kg		2.05	<	UJL	2.05		2	<	nv	2		2.05	<	nv	2.05	
Cadmium	mg/kg		.256	<	nv	.256		.439		nv	.25		.256	<	nv	.256	
Calcium	mg/kg																
Chromium	mg/kg		11.5		nv	1.02		9.84		nv	1		9.24		nv	1.02	
Cobalt	mg/kg																
Copper	mg/kg		4		nv	.512		1.98		nv	.5		2.36		nv	.512	
Iron	mg/kg		6771		nv	10.2		8798		nv	10		3837		nv	10.2	
Lead	mg/kg		21.6		nv	2.05		20.1		nv	2		13.2		nv	2.05	
Magnesium	mg/kg		514		nv	10.2		269		nv	10		335		nv	10.2	
Manganese	mg/kg		398		nv	1.02		417		nv	1		20.9		nv	1.02	
Mercury	mg/kg		.0605		nv	.0224		.0375		nv	.021		.0387		nv	.0223	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-200					FWS-201					FWS-201				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR200					CL201DUP					CLNWR201				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		8892		nv	10.4		5970		nv	10.1		5649		nv	10.3	
Antimony	mg/kg																
Arsenic	mg/kg		.596		nv	.519		1.53		nv	.507		1.71		nv	.516	
Barium	mg/kg		26.6		nv	.208		263		nv	.203		263		nv	.206	
Beryllium	mg/kg		.305		nv	.208		.456		nv	.203		.478		nv	.206	
Boron	mg/kg		2.08	<	nv	2.08		2.03	<	nv	2.03		2.06	<	nv	2.06	
Cadmium	mg/kg		.26	<	nv	.26		.253	<	nv	.253		.258	<	nv	.258	
Calcium	mg/kg																
Chromium	mg/kg		10.4		nv	1.04		11.9		nv	1.01		11.8		nv	1.03	
Cobalt	mg/kg																
Copper	mg/kg		1.77		nv	.519		14.7		nv	.507		13.8		nv	.516	
Iron	mg/kg		2755		nv	10.4		5043		nv	10.1		3991		nv	10.3	
Lead	mg/kg		12.6		nv	2.08		10		nv	2.03		11.4		nv	2.06	
Magnesium	mg/kg		232		nv	10.4		475		nv	10.1		515		nv	10.3	
Manganese	mg/kg		17.8		nv	1.04		62.7		nv	1.01		69.1		nv	1.03	
Mercury	mg/kg		.0428		nv	.0196		.0273		nv	.0231		.0307		nv	.0213	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-202					FWS-203					FWS-204				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR202					CLNWR203					CLNWR204				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		2937		nv	10		2126		nv	10.5		1440		nv	10.2	
Antimony	mg/kg																
Arsenic	mg/kg		.856		nv	.5		1.32		nv	.526		.587		nv	.51	
Barium	mg/kg		46.9		nv	.2		41.1		nv	.21		46.6		nv	.204	
Beryllium	mg/kg		.2	<	nv	.2		.303		nv	.21		.204	<	nv	.204	
Boron	mg/kg		2	<	nv	2		2.11	<	nv	2.11		2.04	<	nv	2.04	
Cadmium	mg/kg		.25	<	nv	.25		.263	<	nv	.263		.255	<	nv	.255	
Calcium	mg/kg																
Chromium	mg/kg		4.93		nv	1		7.35		nv	1.05		4.2		nv	1.02	
Cobalt	mg/kg																
Copper	mg/kg		1.16		nv	.5		.918		nv	.526		.694		nv	.51	
Iron	mg/kg		2493		nv	10		3343		nv	10.5		1929		nv	10.2	
Lead	mg/kg		10.9		nv	2		8.54		nv	2.11		7.7		nv	2.04	
Magnesium	mg/kg		185		nv	10		153		nv	10.5		141		nv	10.2	
Manganese	mg/kg		870		nv	1		361		nv	1.05		374		nv	1.02	
Mercury	mg/kg		.045		nv	.02		.026	<	nv	.026		.0267		nv	.0213	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-205					FWS-206					FWS-207				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR205					CLNWR206					CLNWR207				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	6526		nv	10.6		2659		nv	10.4		1500		nv	10.3	
Antimony	mg/kg															
Arsenic	mg/kg	1.27		nv	.53		1.86		nv	.519		1.48		nv	.517	
Barium	mg/kg	47.2		nv	.212		67		nv	.208		57.1		nv	.207	
Beryllium	mg/kg	.258		nv	.212		.296		nv	.208		.301		nv	.207	
Boron	mg/kg	2.12	<	nv	2.12		2.08	<	nv	2.08		2.07	<	nv	2.07	
Cadmium	mg/kg	.265	<	nv	.265		.26	<	nv	.26		.259	<	nv	.259	
Calcium	mg/kg															
Chromium	mg/kg	8.53		nv	1.06		7.14		nv	1.04		9.29		nv	1.03	
Cobalt	mg/kg															
Copper	mg/kg	2.5		nv	.53		1.38		nv	.519		.878		nv	.517	
Iron	mg/kg	7441		nv	10.6		3849		nv	10.4		4130		nv	10.3	
Lead	mg/kg	7.36		nv	2.12		9.53		nv	2.08		10.4		nv	2.07	
Magnesium	mg/kg	477		nv	10.6		160		nv	10.4		117		nv	10.3	
Manganese	mg/kg	77		nv	1.06		193		nv	1.04		358		nv	1.03	
Mercury	mg/kg	.0331		nv	.0213		.03		nv	.0271		.0273		nv	.0241	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-208					FWS-209					FWS-209				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR208					CL209DUP					CLNWR209				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	4124		nv	10.2		3350		nv	10.5		2505		nv	10	
Antimony	mg/kg															
Arsenic	mg/kg	1.06		nv	.51		1.27		nv	.526		1.13		nv	.5	
Barium	mg/kg	53.9		nv	.204		28.7		nv	.21		28		nv	.2	
Beryllium	mg/kg	.464		nv	.204		.21	<	nv	.21		.2	<	nv	.2	
Boron	mg/kg	2.04	<	nv	2.04		2.11	<	nv	2.11		2	<	nv	2	
Cadmium	mg/kg	.255	<	nv	.255		.263	<	nv	.263		.25	<	nv	.25	
Calcium	mg/kg															
Chromium	mg/kg	6.91		nv	1.02		7.81		nv	1.05		6.32		nv	1	
Cobalt	mg/kg															
Copper	mg/kg	1.82		nv	.51		1		nv	.526		.736		nv	.5	
Iron	mg/kg	2955		nv	10.2		3497		nv	10.5		3242		nv	10	
Lead	mg/kg	10		nv	2.04		8.1		nv	2.11		8.72		nv	2	
Magnesium	mg/kg	259		nv	10.2		204		nv	10.5		157		nv	10	
Manganese	mg/kg	60.4		nv	1.02		151		nv	1.05		177		nv	1	
Mercury	mg/kg	.032		nv	.0262		.0263	<	nv	.0263		.0252		nv	.0226	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-210					FWS-211					FWS-212				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR210					CLNWR211					CLNWR212				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		2100		nv	10.2		2962		nv	10.6		1027		nv	10.3	
Antimony	mg/kg																
Arsenic	mg/kg		.932		nv	.51		1.14		nv	.53		1.02		nv	.516	
Barium	mg/kg		51.2		nv	.204		97.9		nv	.212		122		nv	.206	
Beryllium	mg/kg		.314		nv	.204		.47		nv	.212		.39		nv	.206	
Boron	mg/kg		2.04	<	nv	2.04		2.12	<	nv	2.12		2.06	<	nv	2.06	
Cadmium	mg/kg		.255	<	nv	.255		.265	<	nv	.265		.258	<	nv	.258	
Calcium	mg/kg																
Chromium	mg/kg		6.66		nv	1.02		4.89		nv	1.06		2.28		nv	1.03	
Cobalt	mg/kg																
Copper	mg/kg		1.28		nv	.51		2.67		nv	.53		1.36		nv	.516	
Iron	mg/kg		3234		nv	10.2		5054		nv	10.6		1408		nv	10.3	
Lead	mg/kg		7.02		nv	2.04		9.44		nv	2.12		7.33		nv	2.06	
Magnesium	mg/kg		289		nv	10.2		404		nv	10.6		167		nv	10.3	
Manganese	mg/kg		172		nv	1.02		827		nv	1.06		404		nv	1.03	
Mercury	mg/kg		.0209	<	nv	.0209		.0293		nv	.0276		.052		nv	.0251	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-213					FWS-214					FWS-214				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR213					CL214DUP					CLNWR214				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		2302		nv	10.6		874		nv	10.6		983		nv	10.7	
Antimony	mg/kg																
Arsenic	mg/kg		.99		nv	.532		.528	<	nv	.528		.826		nv	.534	
Barium	mg/kg		31.6		nv	.213		54.6		nv	.211		85.9		nv	.214	
Beryllium	mg/kg		.353		nv	.213		.211	<	nv	.211		.214	<	nv	.214	
Boron	mg/kg		2.13	<	nv	2.13		2.11	<	nv	2.11		2.14	<	nv	2.14	
Cadmium	mg/kg		.266	<	nv	.266		.264	<	nv	.264		.267	<	nv	.267	
Calcium	mg/kg																
Chromium	mg/kg		5.17		nv	1.06		3.15		nv	1.06		3.8		nv	1.07	
Cobalt	mg/kg																
Copper	mg/kg		2.45		nv	.532		.599		nv	.528		.824		nv	.534	
Iron	mg/kg		4506		nv	10.6		1208		nv	10.6		1621		nv	10.7	
Lead	mg/kg		6.04		nv	2.13		5.19		nv	2.11		7.61		nv	2.14	
Magnesium	mg/kg		322		nv	10.6		102		nv	10.6		116		nv	10.7	
Manganese	mg/kg		129		nv	1.06		261		nv	1.06		425		nv	1.07	
Mercury	mg/kg		.0219	<	nv	.0219		.0381		nv	.0236		.0356		nv	.0222	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-216					FWS-217					FWS-218				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR216					CLNWR217					CLNWR218				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	678		nv	10.3		3058		nv	10.3		1819		nv	10.6	
Antimony	mg/kg															
Arsenic	mg/kg	.541		nv	.516		.576		nv	.517		1.31		nv	.53	
Barium	mg/kg	54.6		nv	.206		82.4		nv	.207		88.8		nv	.212	
Beryllium	mg/kg	.206	<	nv	.206		.294		nv	.207		.568		nv	.212	
Boron	mg/kg	2.06	<	nv	2.06		2.07	<	nv	2.07		2.12	<	nv	2.12	
Cadmium	mg/kg	.258	<	nv	.258		.259	<	nv	.259		.265	<	nv	.265	
Calcium	mg/kg															
Chromium	mg/kg	3.3		nv	1.03		4.61		nv	1.03		3.81		nv	1.06	
Cobalt	mg/kg															
Copper	mg/kg	.719		nv	.516		1.86		nv	.517		1.03		nv	.53	
Iron	mg/kg	1598		nv	10.3		2466		nv	10.3		3916		nv	10.6	
Lead	mg/kg	6.17		nv	2.06		14.1		nv	2.07		13.1		nv	2.12	
Magnesium	mg/kg	65.4		nv	10.3		171		nv	10.3		126		nv	10.6	
Manganese	mg/kg	240		nv	1.03		146		nv	1.03		2955		nv	1.06	
Mercury	mg/kg	.0282		nv	.018		.0637		nv	.0229		.0486		nv	.0211	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-219					FWS-223					FWS-226				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR219					CLNWR223					CLNWR226				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		4868		nv	10.7		4333		nv	10.7		17040		nv	10.5	
Antimony	mg/kg																
Arsenic	mg/kg		2.08		nv	.536		1.29		nv	.536		5.22		nv	.526	
Barium	mg/kg		54.3		nv	.214		75.7		nv	.214		228		nv	.21	
Beryllium	mg/kg		.631		nv	.214		.391		nv	.214		1.73		nv	.21	
Boron	mg/kg		2.14	<	nv	2.14		2.14	<	nv	2.14		2.11	<	nv	2.11	
Cadmium	mg/kg		.268	<	nv	.268		.268	<	nv	.268		.263	<	nv	.263	
Calcium	mg/kg																
Chromium	mg/kg		10.2		nv	1.07		6.92		nv	1.07		19		nv	1.05	
Cobalt	mg/kg																
Copper	mg/kg		5.69		nv	.536		1.81		nv	.536		9.86		nv	.526	
Iron	mg/kg		12050		nv	10.7		5074		nv	10.7		24320		nv	10.5	
Lead	mg/kg		11.1		nv	2.14		7.83		nv	2.14		30.5		nv	2.11	
Magnesium	mg/kg		657		nv	10.7		256		nv	10.7		967		nv	10.5	
Manganese	mg/kg		221		nv	1.07		394		nv	1.07		2351		nv	1.05	
Mercury	mg/kg		.0679		nv	.0218		.0248		nv	.0204		.12		nv	.0246	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-228					FWS-232					FWS-235				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR228					CLNWR232					CLNWR235				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		8673		nv	10		3853		nv	10.3		2320		nv	10	
Antimony	mg/kg																
Arsenic	mg/kg		1.91		nv	.502		2.29		nv	.514		1.38		nv	.5	
Barium	mg/kg		177		nv	.201		194		nv	.206		172		nv	.2	
Beryllium	mg/kg		1.19		nv	.201		.853		nv	.206		.662		nv	.2	
Boron	mg/kg		2.01	<	nv	2.01		2.05	<	nv	2.05		2	<	nv	2	
Cadmium	mg/kg		.251	<	nv	.251		.451		nv	.257		.25	<	nv	.25	
Calcium	mg/kg																
Chromium	mg/kg		11.5		nv	1		10.7		nv	1.03		6.64		nv	1	
Cobalt	mg/kg																
Copper	mg/kg		5.17		nv	.502		2.32		nv	.514		1.56		nv	.5	
Iron	mg/kg		11160		nv	10		6786		nv	10.3		4026		nv	10	
Lead	mg/kg		17.7		nv	2.01		15.6		nv	2.05		10.6		nv	2	
Magnesium	mg/kg		712		nv	10		274		nv	10.3		260		nv	10	
Manganese	mg/kg		2820		nv	1		1291		nv	1.03		888		nv	1	
Mercury	mg/kg		.0943		nv	.0239		.0609		nv	.0212		.0368		nv	.0215	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-236					FWS-237					FWS-238				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR236					CLNWR237					CL238DUP				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		1625		nv	10.8		7025		nv	10		6960		nv	10.7	
Antimony	mg/kg																
Arsenic	mg/kg		1.24		nv	.538		1.75		nv	.5		2.37		nv	.534	
Barium	mg/kg		106		nv	.215		115		nv	.2		81.2		nv	.214	
Beryllium	mg/kg		.463		nv	.215		.495		nv	.2		1.27		nv	.214	
Boron	mg/kg		2.15	<	nv	2.15		2	<	nv	2		2.14	<	nv	2.14	
Cadmium	mg/kg		.269	<	nv	.269		.25	<	nv	.25		.351		nv	.267	
Calcium	mg/kg																
Chromium	mg/kg		7.28		nv	1.08		16.4		nv	1		14.6		nv	1.07	
Cobalt	mg/kg																
Copper	mg/kg		1.14		nv	.538		6.78		nv	.5		3.56		nv	.534	
Iron	mg/kg		3426		nv	10.8		9034		nv	10		11080		nv	10.7	
Lead	mg/kg		6.6		nv	2.15		19.1		nv	2		19.9		nv	2.14	
Magnesium	mg/kg		164		nv	10.8		1053		nv	10		608		nv	10.7	
Manganese	mg/kg		553		nv	1.08		956		nv	1		2878		nv	1.07	
Mercury	mg/kg		.193		nv	.0282		.123		nv	.0239		.0789		nv	.0218	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-238					FWS-239					FWS-240				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR238					CLNWR239					CLNWR240				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		7824		nv	10.1		7173		nv	10.4		11440		nv	10.9	
Antimony	mg/kg																
Arsenic	mg/kg		3.12		nv	.503		2.1		nv	.521		3.14		nv	.546	
Barium	mg/kg		108		nv	.201		125		nv	.208		210		nv	.218	
Beryllium	mg/kg		1.44		nv	.201		.789		nv	.208		1.21		nv	.218	
Boron	mg/kg		2.01	<	nv	2.01		2.08	<	nv	2.08		2.18	<	nv	2.18	
Cadmium	mg/kg		.359		nv	.252		.26	<	nv	.26		.273	<	nv	.273	
Calcium	mg/kg																
Chromium	mg/kg		12.7		nv	1.01		15.8		nv	1.04		16		nv	1.09	
Cobalt	mg/kg																
Copper	mg/kg		4.08		nv	.503		8.48		nv	.521		13.8		nv	.546	
Iron	mg/kg		14210		nv	10.1		11400		nv	10.4		17760		nv	10.9	
Lead	mg/kg		23.3		nv	2.01		25.8		nv	2.08		56.7		nv	2.18	
Magnesium	mg/kg		587		nv	10.1		1064		nv	10.4		1596		nv	10.9	
Manganese	mg/kg		3956		nv	1.01		448		nv	1.04		3140		nv	1.09	
Mercury	mg/kg		.085		nv	.0272		.108		nv	.0237		.187		nv	.0257	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-241					FWS-242					FWS-243				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR241					CLNWR242					CLNWR243				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		12930		nv	10.1		3147		nv	10.3		6762		nv	10.5	
Antimony	mg/kg																
Arsenic	mg/kg		2.35		nv	.505		1.69		nv	.517		10.5		nv	.526	
Barium	mg/kg		137		nv	.202		55.1		nv	.207		53.3		nv	.21	
Beryllium	mg/kg		1.3		nv	.202		.749		nv	.207		1.76		nv	.21	
Boron	mg/kg		2.02	<	nv	2.02		2.07	<	nv	2.07		2.11	<	nv	2.11	
Cadmium	mg/kg		.252	<	nv	.252		.259	<	nv	.259		.263	<	nv	.263	
Calcium	mg/kg																
Chromium	mg/kg		16.4		nv	1.01		6.44		nv	1.03		35.3		nv	1.05	
Cobalt	mg/kg																
Copper	mg/kg		7.99		nv	.505		3.22		nv	.517		7.31		nv	.526	
Iron	mg/kg		17840		nv	10.1		4592		nv	10.3		48410		nv	10.5	
Lead	mg/kg		25.9		nv	2.02		99.7		nv	2.07		17.2		nv	2.11	
Magnesium	mg/kg		1561		nv	10.1		293		nv	10.3		429		nv	10.5	
Manganese	mg/kg		5436		nv	1.01		204		nv	1.03		183		nv	1.05	
Mercury	mg/kg		.155		nv	.0259		.0555		nv	.0235		.0559		nv	.0254	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-244					FWS-245					HOSB17				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR244					CLNWR245					HOSB17(0-0.5)				
		Sample Date:	09-SEP-03					09-SEP-03					06-DEC-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg																
m-Nitrotoluene	mg/kg																
o-Nitrotoluene	mg/kg																
p-Nitrotoluene	mg/kg																
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		5466		nv	10.9		5119		nv	10.5						
Antimony	mg/kg																
Arsenic	mg/kg		2.09		nv	.547		2.11		nv	.526						
Barium	mg/kg		146		nv	.219		68.5		nv	.21						
Beryllium	mg/kg		.952		nv	.219		1.04		nv	.21						
Boron	mg/kg		2.19	<	nv	2.19		2.11	<	nv	2.11						
Cadmium	mg/kg		.274	<	nv	.274		.263	<	nv	.263						
Calcium	mg/kg																
Chromium	mg/kg		8.57		nv	1.09		9.01		nv	1.05						
Cobalt	mg/kg																
Copper	mg/kg		3.18		nv	.547		3.04		nv	.526						
Iron	mg/kg		6347		nv	10.9		8687		nv	10.5						
Lead	mg/kg		16.2		nv	2.19		14.1		nv	2.11						
Magnesium	mg/kg		385		nv	10.9		303		nv	10.5						
Manganese	mg/kg		2113		nv	1.09		1112		nv	1.05						
Mercury	mg/kg		.0787		nv	.0229		.0543		nv	.0235						

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	HOSB18					LAP-31M1					LAP-31M2				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	HOSB18(0-0.5)					LAP-31M1					LAP-31M2				
	Sample Date:	06-DEC-00					12-JUL-00					12-JUL-00				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg															
m-Nitrotoluene	mg/kg															
o-Nitrotoluene	mg/kg															
p-Nitrotoluene	mg/kg															
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg						8440			-99		3910			-99	
Antimony	mg/kg						1.43		JL	-99		0.567		JL	-99	
Arsenic	mg/kg						37.1			-99		33.7			-99	
Barium	mg/kg						54.8			-99		26.3			-99	
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg						0.713			-99		0.772		J	-99	
Calcium	mg/kg						2320			-99		624			-99	
Chromium	mg/kg						37.1		JL	-99		59.4			-99	
Cobalt	mg/kg						5.83			-99		5.17	U		5.17	
Copper	mg/kg						18.2			-99		6.79			-99	
Iron	mg/kg						29700			-99		17700			-99	
Lead	mg/kg						179			-99		191		JL	-99	
Magnesium	mg/kg						580			-99		248			-99	
Manganese	mg/kg						320			-99		147			-99	
Mercury	mg/kg						0.103	U		0.103		0.101	U		0.101	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	LAP-35M2					LAP-39M1					LAP-81103				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LAP-35M2					LAP-39M1					LAP-81103				
		Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg												.21	U		.21	
m-Nitrotoluene	mg/kg												.21	U		.21	
o-Nitrotoluene	mg/kg												.21	U		.21	
p-Nitrotoluene	mg/kg												.21	U		.21	
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		3880			-99		12500			-99		9180			-99	
Antimony	mg/kg		0.776		JL	-99		0.427		JL	-99		0.52		JL	-99	
Arsenic	mg/kg		60.4			-99		45			-99		86.9		JH	-99	
Barium	mg/kg		46.9			-99		123			-99		134			-99	
Beryllium	mg/kg																
Boron	mg/kg																
Cadmium	mg/kg		1.34			-99		1.92			-99		1.04			-99	
Calcium	mg/kg		547			-99		2860			-99		2290			-99	
Chromium	mg/kg		19		JL	-99		27.7		JL	-99		17			-99	
Cobalt	mg/kg		5.17	U		5.17		6.91			-99		5.78	U		5.78	
Copper	mg/kg		7.57			-99		27.4			-99		33.1		JL	-99	
Iron	mg/kg		13800			-99		24400			-99		15100			-99	
Lead	mg/kg		59.9			-99		197			-99		69.5		JL	-99	
Magnesium	mg/kg		285		J	-99		1370			-99		807			-99	
Manganese	mg/kg		178			-99		347			-99		365			-99	
Mercury	mg/kg		0.101	U		0.101		0.231			0.106		0.115	U		0.115	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81105					LAP-81109					LAP-81124				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81105					LAP-81109					LAP-81124				
	Sample Date:	10-JUL-00					11-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
m-Nitrotoluene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
o-Nitrotoluene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
p-Nitrotoluene	mg/kg	.22	U		.22		.21	U		.21		.2	U		.2	
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	8640			-99		11900			-99		5290			-99	
Antimony	mg/kg	0.48		JL	-99		0.494		JL	-99		0.492		JL	-99	
Arsenic	mg/kg	89.6		JH	-99		124			-99		48.9		JH	-99	
Barium	mg/kg	60.1			-99		40.1			-99		30.6			-99	
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.72			-99		0.384			-99		0.765			-99	
Calcium	mg/kg	3280			-99		1880			-99		1370			-99	
Chromium	mg/kg	19.7			-99		36.3		JL	-99		12.3			-99	
Cobalt	mg/kg	6	U		6		5.52			-99		5.46	U		5.46	
Copper	mg/kg	26.9		JL	-99		24.3			-99		49.8		JL	-99	
Iron	mg/kg	28700			-99		16800			-99		13900			-99	
Lead	mg/kg	38.3		JL	-99		31.6			-99		34.9		JL	-99	
Magnesium	mg/kg	655			-99		759			-99		338			-99	
Manganese	mg/kg	199			-99		171			-99		102			-99	
Mercury	mg/kg	0.115	U		0.115		0.12			0.106		0.109	U		0.109	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81127					LAP-81129					LAP-81130				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81127					LAP-81129					LAP-81130				
	Sample Date:	10-JUL-00					11-JUL-00					12-JUL-00				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
Tetryl	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
m-Nitrotoluene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
o-Nitrotoluene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
p-Nitrotoluene	mg/kg	.19	U		.19		.2	U		.2		.21	U		.21	
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	3310			-99		4630			-99		8060			-99	
Antimony	mg/kg	0.315		JL	-99		0.363		JL	-99		0.434		JL	-99	
Arsenic	mg/kg	43.4		JH	-99		81.4			-99		74.2			-99	
Barium	mg/kg	29.5			-99		46.4			-99		68.4			-99	
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.314			-99		1.3			-99		6.08			-99	
Calcium	mg/kg	1160			-99		1930			-99		2480			-99	
Chromium	mg/kg	15.8			-99		9.52		JL	-99		19.5		JL	-99	
Cobalt	mg/kg	5.25	U		5.25		5.19	U		5.19		5.43	U		5.43	
Copper	mg/kg	12.2		JL	-99		8.9			-99		16.9			-99	
Iron	mg/kg	17200			-99		12800			-99		17200			-99	
Lead	mg/kg	15		JL	-99		23.2			-99		46.1			-99	
Magnesium	mg/kg	182			-99		268			-99		423			-99	
Manganese	mg/kg	153			-99		258			-99		203			-99	
Mercury	mg/kg	0.105	U		0.105		0.103	U		0.103		0.108	U		0.108	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	LAP-81146					LAP-81147					LAP-81152				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LAP-81146					LAP-81147					LAP-81152-FD				
		Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
Tetryl	mg/kg												.2	U		.2	
m-Nitrotoluene	mg/kg												.2	U		.2	
o-Nitrotoluene	mg/kg												.2	U		.2	
p-Nitrotoluene	mg/kg												.2	U		.2	
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Specific Conductivity	umhos																
Sulfate	mg/kg																
TOTAL SOLIDS	Percent																
pH	STD UNIT																
METALS																	
Aluminum	mg/kg		4150			-99		4060			-99						
Antimony	mg/kg		0.26	U	UJL	0.26		0.268		JL	-99						
Arsenic	mg/kg		62			-99		39.8			-99						
Barium	mg/kg		33.7			-99		38.8			-99						
Beryllium	mg/kg																
Boron	mg/kg																
Cadmium	mg/kg		0.312			-99		0.375			-99						
Calcium	mg/kg		1640			-99		2080			-99						
Chromium	mg/kg		10.1			-99		9.52		JL	-99						
Cobalt	mg/kg		5.19	U		5.19		5.38	U		5.38						
Copper	mg/kg		13			-99		16.7			-99						
Iron	mg/kg		6300			-99		7580			-99						
Lead	mg/kg		15.5			-99		24.9			-99						
Magnesium	mg/kg		270			-99		381			-99						
Manganese	mg/kg		145			-99		169			-99						
Mercury	mg/kg		0.0975	U		0.0975		0.106	U		0.106						

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81152					LAP-81155					LAP-81156				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81152					LAP-81155					LAP-81156				
	Sample Date:	12-JUL-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
m-Nitrotoluene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
o-Nitrotoluene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
p-Nitrotoluene	mg/kg	.2	U		.2		.2	U		.2		.2	U		.2	
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	7240			-99		9460			-99		9950			-99	
Antimony	mg/kg	0.376		JL	-99		0.435		JL	-99		0.44		JL	-99	
Arsenic	mg/kg	60.4			-99		69.2			-99		89.5			-99	
Barium	mg/kg	40.3			-99		55.4			-99		54.6			-99	
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.697			-99		1.03			-99		0.989			-99	
Calcium	mg/kg	1710			-99		1880			-99		2450			-99	
Chromium	mg/kg	10.4		JL	-99		26.8		JL	-99		13.3		JL	-99	
Cobalt	mg/kg	5.36	U		5.36		5.46	U		5.46		5.49	U		5.49	
Copper	mg/kg	13			-99		20.7			-99		19.6			-99	
Iron	mg/kg	8650			-99		17900			-99		10200			-99	
Lead	mg/kg	18.9			-99		29.5			-99		29.2			-99	
Magnesium	mg/kg	448			-99		521			-99		640			-99	
Manganese	mg/kg	170			-99		259			-99		260			-99	
Mercury	mg/kg	0.107	U		0.107		0.108	U		0.108		0.118			0.105	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81158					XXSB15					XXSB16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81158					LHXX-SB15(0-2)					LHXX-SB16(0-3)				
	Sample Date:	12-JUL-00					09-MAR-93					09-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg						.5	<	U	.5	-99	.5	<	U	.5	-99
m-Nitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
o-Nitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
p-Nitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
GEN CHEMISTRY																
Chloride	mg/kg						10	<	U	10	-99	10	<	U	10	-99
Nitrate	mg/kg						0.91			0.01	-99	5.33			0.05	-99
Specific Conductivity	umhos						44			0	0	38			0	0
Sulfate	mg/kg						990			50	-99	4500			300	-99
TOTAL SOLIDS	Percent						81.5			0	0	81.6			0	0
pH	STD UNIT						5.7			0	0	5.7			0	0
METALS																
Aluminum	mg/kg	5030			-99											
Antimony	mg/kg	0.73		JL	-99		1	<	U	1	-99	1	<	U	1	-99
Arsenic	mg/kg	232			-99		3			1	-99	4			1	-99
Barium	mg/kg	47.1			-99		44			1	-99	20.2			1	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.01			-99		1	<	U	1	-99	1	<	U	1	-99
Calcium	mg/kg	1440			-99											
Chromium	mg/kg	13.6		JL	-99		4.9			1	-99	6.3			1	-99
Cobalt	mg/kg	5.63	U		5.63											
Copper	mg/kg	118			-99											
Iron	mg/kg	39100			-99											
Lead	mg/kg	44.8			-99		6			1	-99	6			1	-99
Magnesium	mg/kg	354			-99											
Manganese	mg/kg	393			-99											
Mercury	mg/kg	0.162			0.11		0.01	<	U	0.01	-99	0.03			0.01	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB16					XXSB17					XXSB18				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB16-N00					LHXX-SB17(0-2)					LHXX-SB18 (0-2)				
	Sample Date:	22-AUG-94					09-MAR-93					10-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg						.5	<	U	.5	-99	.5	<	U	.5	-99
m-Nitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
o-Nitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
p-Nitrotoluene	mg/kg						.25	<	U	.25	-99	.25	<	U	.25	-99
GEN CHEMISTRY																
Chloride	mg/kg						10	<	U	10	-99	10	<	U	10	-99
Nitrate	mg/kg						0.1	<	U	0.1	-99	0.56			0.01	-99
Specific Conductivity	umhos						33			0	0	71			0	0
Sulfate	mg/kg						820			50	-99	150			10	-99
TOTAL SOLIDS	Percent						79.4			0	0	78.2			0	0
pH	STD UNIT						6.1			0	0	7.9			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg						1	<	U	1	-99	1	<	U	1	-99
Arsenic	mg/kg						5			1	-99	3			1	-99
Barium	mg/kg	188			1.2		66.7			1	-99	28.2			1	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg						1	<	U	1	-99	1	<	U	1	-99
Calcium	mg/kg															
Chromium	mg/kg						13.5			1	-99	12.9			1	-99
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	29			3.04		7			1	-99	6			1	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg						0.01	<	U	0.01	-99	0.03			0.01	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		Location Code:	XXSB18					XXSB19					XXSB19				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	C940822-XXSB18-N00					LHXX-SB19(0-2.5					C940822-XXSB19-N00				
		Sample Date:	22-AUG-94					09-MAR-93					22-AUG-94				
		Sample Depth:	.0 - 0					.0 - 2.5					.0 - 0				
Parameter	*Units*		*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																	
Tetryl	mg/kg							.5	<	U	.5	-99					
m-Nitrotoluene	mg/kg							.25	<	U	.25	-99					
o-Nitrotoluene	mg/kg							.25	<	U	.25	-99					
p-Nitrotoluene	mg/kg							.25	<	U	.25	-99					
GEN CHEMISTRY																	
Chloride	mg/kg							10	<	U	10	-99					
Nitrate	mg/kg							0.1	<	U	0.1	-99					
Specific Conductivity	umhos							195			0	0					
Sulfate	mg/kg							4900			300	-99					
TOTAL SOLIDS	Percent							83			0	0					
pH	STD UNIT							5.9			0	0					
METALS																	
Aluminum	mg/kg																
Antimony	mg/kg							1	<	U	1	-99					
Arsenic	mg/kg							3			1	-99					
Barium	mg/kg		61.7			1.1		37.6			1	-99	66.4			1.2	
Beryllium	mg/kg																
Boron	mg/kg																
Cadmium	mg/kg							1	<	U	1	-99					
Calcium	mg/kg																
Chromium	mg/kg							11.4			1	-99					
Cobalt	mg/kg																
Copper	mg/kg																
Iron	mg/kg																
Lead	mg/kg		7.43			0.57		5			1	-99	8.66			0.6	
Magnesium	mg/kg																
Manganese	mg/kg																
Mercury	mg/kg							0.03			0.01	-99					

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:					Associated Site:					Sample No:					Sample Date:					Sample Depth:				
		XXSB20					Low Impact Sub-Area					LHXX-SB20(0-2.5					10-MAR-93					.0 - 2.5				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																										
Tetryl	mg/kg	.5	<	U	.5	-99	2.63	<	U	2.63		.5	<	U	.5	-99	2.63	<	U	2.63		.5	<	U	.5	-99
m-Nitrotoluene	mg/kg	.25	<	U	.25	-99	1.24	<	U	1.24		.25	<	U	.25	-99	1.24	<	U	1.24		.25	<	U	.25	-99
o-Nitrotoluene	mg/kg	.25	<	U	.25	-99	1.24	<	U	1.24		.25	<	U	.25	-99	1.24	<	U	1.24		.25	<	U	.25	-99
p-Nitrotoluene	mg/kg	.25	<	U	.25	-99	1.52	<	U	1.52		.25	<	U	.25	-99	1.52	<	U	1.52		.25	<	U	.25	-99
GEN CHEMISTRY																										
Chloride	mg/kg	10	<	U	10	-99	6.9	<	X	6.9		10	<	U	10	-99	6.9	<	X	6.9		10	<	U	10	-99
Nitrate	mg/kg	1.6			0.1	-99	0.57			0.14		1.1			0.1	-99	0.57			0.14		1.1			0.1	-99
Specific Conductivity	umhos	28			0	0						36			0	0						36			0	0
Sulfate	mg/kg	3800			300	-99	7.7			6.9		500			50	-99	7.7			6.9		500			50	-99
TOTAL SOLIDS	Percent	81.1			0	0	72.3			0	0	79.8			0	0	72.3			0	0	79.8			0	0
pH	STD UNIT	5.7			0	0						5.9			0	0						5.9			0	0
METALS																										
Aluminum	mg/kg																									
Antimony	mg/kg	1	<	U	1	-99	1.4	<	R	1.4		1	<	U	1	-99	1.4	<	R	1.4		1	<	U	1	-99
Arsenic	mg/kg	4			1	-99	7.5		J	0.72		1			1	-99	7.5		J	0.72		1			1	-99
Barium	mg/kg	57.2			1	-99	75.3			1.4		48.5			1	-99	75.3			1.4		48.5			1	-99
Beryllium	mg/kg																									
Boron	mg/kg																									
Cadmium	mg/kg	1	<	U	1	-99	0.72	<	U	0.72		1	<	U	1	-99	0.72	<	U	0.72		1	<	U	1	-99
Calcium	mg/kg																									
Chromium	mg/kg	15.9			1	-99	24.7			1.4		5.9			1	-99	24.7			1.4		5.9			1	-99
Cobalt	mg/kg																									
Copper	mg/kg																									
Iron	mg/kg																									
Lead	mg/kg	4			1	-99	11.8			0.72		5			1	-99	11.8			0.72		5			1	-99
Magnesium	mg/kg																									
Manganese	mg/kg																									
Mercury	mg/kg	0.03			0.01	-99	0.14	<	U	0.14		0.01	<	U	0.01	-99	0.14	<	U	0.14		0.01	<	U	0.01	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	*Location Code:*	XXSB21					XXSB21					XXSD16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB21(0-2.5QC					C940823-XXSB21-N00					LHXX-SD16				
	Sample Date:	10-MAR-93					23-AUG-94					31-MAR-93				
	Sample Depth:	.0 - 2.5					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
Tetryl	mg/kg	.5	<	U	.5	-99						.5	<	U	.5	-99
m-Nitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
o-Nitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
p-Nitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	-99
GEN CHEMISTRY																
Chloride	mg/kg	10	<	U	10	-99						10	<	U	10	-99
Nitrate	mg/kg	1			0.1	-99						0.1	<	U	0.1	-99
Specific Conductivity	umhos	29			0	0						37			0	0
Sulfate	mg/kg	400			300	-99						230			50	-99
TOTAL SOLIDS	Percent	79.9			0	0						53.6			0	0
pH	STD UNIT	5.7			0	0						6			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1	<	U	1	-99						1	<	U	1	-99
Arsenic	mg/kg	1.9			0.5	-99						1.9			0.5	-99
Barium	mg/kg	48.8			1	-99						64.1			1	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1	<	U	1	-99						1	<	U	1	-99
Calcium	mg/kg															
Chromium	mg/kg	7.2			1	-99	10.6			1.2		9.8			1	-99
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	6			1	-99						7			1	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.01	<	U	0.01	-99	0.12	<	U	0.12		0.03			0.01	-99

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	11SB03					11SB04					11SB04				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LH11-SB03 (0-2)					LH11-SB04 (0-2)					C940822-11SB04-N00				
		Sample Date:	03-MAR-93					03-MAR-93					22-AUG-94				
		Sample Depth:	.0 - 2					.0 - 2					.0 - 0				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg																
Nickel	mg/kg		6			1	-99	8.8			1	-99					
Potassium	mg/kg																
Selenium	mg/kg		2.3			0.1	-99	0.1	<	U	0.1	-99					
Silver	mg/kg		1	<	U	1	-99	1	<	U	1	-99					
Strontium	mg/kg																
Thallium	mg/kg		0.2	<	U	0.2	-99	0.2	<	U	0.2	-99					
Vanadium	mg/kg																
Zinc	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg																
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	11SB05					11SB05					11SB06				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH11-SB05 (0-2)					C940822-11SB05-N00					LH11-SB06 (0-2)				
	Sample Date:	04-MAR-93					22-AUG-94					04-MAR-93				
	Sample Depth:	.0 - 2					.0 - 0					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Molybdenum	mg/kg															
Nickel	mg/kg	4.3			1	-99						6.9			1	-99
Potassium	mg/kg															
Selenium	mg/kg	0.2			0.1	-99						0.1			0.1	-99
Silver	mg/kg	1	<	U	1	-99						1	<	U	1	-99
Strontium	mg/kg															
Thallium	mg/kg	0.2	<	U	0.2	-99						0.2	<	U	0.2	-99
Vanadium	mg/kg															
Zinc	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB06					11SD13					11WW01				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-11SB06-N00					LH11-SD13					11WW01 (0-2')				
	Sample Date:	22-AUG-94					31-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg															
Nickel	mg/kg						2.7			1	-99	5.1			1.1	-99
Potassium	mg/kg															
Selenium	mg/kg						0.2			0.1	-99	1.2	<	UJ	1.2	-99
Silver	mg/kg						1	<	U	1	-99	1.1	<	U	1.1	-99
Strontium	mg/kg															
Thallium	mg/kg						0.2	<	U	0.2	-99	1.1	<	U	1.1	-99
Vanadium	mg/kg															
Zinc	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		11WW02					11WW03					27SB03				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		11WW02 (0-2')					11WW03 (0-2')					27SB03 (0-0.5)				
Sample Date:		20-AUG-94					21-AUG-94					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg															
Nickel	mg/kg	4.4			1.1	-99	6.2			1.1	-99					
Potassium	mg/kg															
Selenium	mg/kg	2.3	<	UJ	2.3	-99	1.1	<	UJ	1.1	-99					
Silver	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99					
Strontium	mg/kg															
Thallium	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99					
Vanadium	mg/kg															
Zinc	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg											22	<	U	22	9.3
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB03					27SB03					27SB05				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB03 (0-0.5)QC					27SB03 (1-2)					27SB05 (0-0.5)				
		Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg																
Nickel	mg/kg																
Potassium	mg/kg																
Selenium	mg/kg																
Silver	mg/kg																
Strontium	mg/kg																
Thallium	mg/kg																
Vanadium	mg/kg																
Zinc	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		23	<	U	23	9.6	23	<	U	23	9.6	21	<	U	21	8.9
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB05					27SB05					27SB11				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB05 (0-0.5)QC					27SB05 (1-2)					27SB11 (0-0.5)				
		Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg																
Nickel	mg/kg																
Potassium	mg/kg																
Selenium	mg/kg																
Silver	mg/kg																
Strontium	mg/kg																
Thallium	mg/kg																
Vanadium	mg/kg																
Zinc	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		22	<	U	22	9.1	21	<	U	21	8.9	24	<	U	24	9.8
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB11					27SB11					27SB34				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB11 (0-0.5)QC					27SB11 (1-2)					LH27-SB34(0-3)				
		Sample Date:	04-OCT-00					04-OCT-00					19-MAR-93				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 3				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg																
Nickel	mg/kg												4			1	-99
Potassium	mg/kg																
Selenium	mg/kg												0.1	<	U	0.1	-99
Silver	mg/kg												1	<	U	1	-99
Strontium	mg/kg																
Thallium	mg/kg												0.2	<	U	0.2	-99
Vanadium	mg/kg																
Zinc	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		23	<	U	23	9.7	24	<	U	24	9.8					
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	27SB34					27SB38					27WW01				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH27-SB34(0-3)QQC					LH27-SB38(0-2)					27WW01 (0-2')				
	Sample Date:	19-MAR-93					20-MAR-93					18-AUG-94				
	Sample Depth:	.0 - 3					.0 - 2					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Molybdenum	mg/kg															
Nickel	mg/kg	1.7			1	-99	1	<	U	1	-99	8.4			1.2	-99
Potassium	mg/kg															
Selenium	mg/kg	0.1			0.1	-99	0.2			0.1	-99	1.2	<	UJ	1.2	-99
Silver	mg/kg	1	<	U	1	-99	1	<	U	1	-99	1.2	<	U	1.2	-99
Strontium	mg/kg															
Thallium	mg/kg	0.2	<	U	0.2	-99	0.2	<	U	0.2	-99	0.58	<	U	0.58	-99
Vanadium	mg/kg															
Zinc	mg/kg															
PCBS																
Aroclor 1016	mg/kg						.006	<	U	.006	-99					
Aroclor 1221	mg/kg						.006	<	U	.006	-99					
Aroclor 1232	mg/kg						.006	<	U	.006	-99					
Aroclor 1242	mg/kg						.006	<	U	.006	-99					
Aroclor 1248	mg/kg						.006	<	U	.006	-99					
Aroclor 1254	mg/kg						.006	<	U	.006	-99					
Aroclor 1260	mg/kg						.006	<	U	.006	-99					
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg						3.89	<	U	3.89	-99					
2,4,5-T	mg/kg						.13	<	U	.13	-99					
2,4,5-TP (Silvex)	mg/kg						.13	<	U	.13	-99					
2,4-D	mg/kg						.8	<	U	.8	-99					
2,4-DB	mg/kg						.67	<	U	.67	-99					

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS01					400ASS01					400ASS02				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS01(0-0.5)					400ASS01(0-0.5)QC					400ASS02(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg															
Selenium	mg/kg															
Silver	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	400ASS03					400ASS04					400ASS05				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	400ASS03(0-0.5)					400ASS04(0-0.5)					400ASS05(0-0.5)				
		Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg																
Nickel	mg/kg																
Potassium	mg/kg																
Selenium	mg/kg																
Silver	mg/kg																
Strontium	mg/kg																
Thallium	mg/kg																
Vanadium	mg/kg																
Zinc	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg																
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	400ASS06					400ASS06					FWS-003				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	400ASS06(0-0.5)					C981204-400ASS06-N00					C-SS-003				
		Sample Date:	26-JUL-98					04-DEC-98					27-AUG-02				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg												1.03	<	nv	1.03	
Nickel	mg/kg												2.27		nv	1.03	
Potassium	mg/kg																
Selenium	mg/kg												.516	<	nv	.516	
Silver	mg/kg												.161		B	.103	
Strontium	mg/kg												11.2		nv	.516	
Thallium	mg/kg																
Vanadium	mg/kg												10.8		nv	.516	
Zinc	mg/kg												9.34		nv	5.17	
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg																
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg												.000162	<	nv	.000162	
1,2,4,5-Tetrachloro-benzene	mg/kg												.000309		nv	.000162	
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-004					FWS-005					FWS-041				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-004					C-SS-005					C-SS-041				
	Sample Date:	27-AUG-02					27-AUG-02					25-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.05	<	nv	1.05		1.05	<	nv	1.05		.503	<	nv	.503	
Nickel	mg/kg	3.99		nv	1.05		4.01		nv	1.05		4.78		nv	.503	
Potassium	mg/kg															
Selenium	mg/kg	.87		nv	.525		.65		nv	.525		.503	<	nv	.503	
Silver	mg/kg	.115		B	.105		.147		B	.105		.201	<	nv	.201	
Strontium	mg/kg	9.78		nv	.525		9.55		nv	.525		9.04		nv	.503	
Thallium	mg/kg															
Vanadium	mg/kg	14.2		nv	.525		18.8		nv	.525		30.5		nv	.503	
Zinc	mg/kg	26.8		nv	5.25		16.7		nv	5.25		17.3		nv	1.01	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000507		nv	.00015		.000189		nv	.000162		.000295	<	nv	.000295	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-042					FWS-043					FWS-050				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		C-SS-042					C-SS-043					CLNWR050				
Sample Date:		25-SEP-02					25-SEP-02					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	.52		nv	.518		.511	<	nv	.511		1.05	<	nv	1.05	
Nickel	mg/kg	7.44		nv	.518		5.71		nv	.511		4.29		nv	1.05	
Potassium	mg/kg															
Selenium	mg/kg	.67		nv	.518		.511	<	nv	.511		.524	<	nv	.524	
Silver	mg/kg	.207	<	nv	.207		.204	<	nv	.204		.189	<	nv	.189	
Strontium	mg/kg	32.9		nv	.518		10.2		nv	.511		12.7		nv	.524	
Thallium	mg/kg															
Vanadium	mg/kg	22.1		nv	.518		34.2		nv	.511		10.8		nv	.524	
Zinc	mg/kg	40.8		nv	1.04		24.2		nv	1.02		13.1		nv	5.24	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
1,2,4,5-Tetrachloro-benzene	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000642		nv	.000351	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-051					FWS-055					FWS-056				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR051					CLNWR055					CL056DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Molybdenum	mg/kg	1.06	<	nv	1.06		1.08	<	nv	1.08		1.06	<	nv	1.06	
Nickel	mg/kg	4.47		nv	1.06		2.63		nv	1.08		4.19		nv	1.06	
Potassium	mg/kg															
Selenium	mg/kg	.53	<	nv	.53		.54	<	nv	.54		.528	<	nv	.528	
Silver	mg/kg	.191	<	nv	.191		.194	<	nv	.194		.19	<	nv	.19	
Strontium	mg/kg	8.87		nv	.53		4.14		nv	.54		12.5		nv	.528	
Thallium	mg/kg															
Vanadium	mg/kg	12.4		nv	.53		9.36		nv	.54		12.1		nv	.528	
Zinc	mg/kg	10.1		nv	5.3		8.23		nv	5.4		14.3		nv	5.28	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000403		nv	.000362		.000691		nv	.000416		.000903		nv	.000312	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-056					FWS-062					FWS-063				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR056					CLNWR062					CLNWR063				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.08	<	nv	1.08		1.08	<	nv	1.08		1.08	<	nv	1.08	
Nickel	mg/kg	4.6		nv	1.08		5.24		nv	1.08		5.86		nv	1.08	
Potassium	mg/kg															
Selenium	mg/kg	.54	<	nv	.54		.542	<	nv	.542		.538	<	nv	.538	
Silver	mg/kg	.194	<	nv	.194		.195	<	nv	.195		.194	<	nv	.194	
Strontium	mg/kg	15		nv	.54		13.5		nv	.542		22.2		nv	.538	
Thallium	mg/kg															
Vanadium	mg/kg	12.1		nv	.54		7.08		nv	.542		12.9		nv	.538	
Zinc	mg/kg	16.7		nv	5.4		13.4		nv	5.42		11.3		nv	5.38	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000328		nv	.000315		.000274	<	nv	.000274		.000484		nv	.000388	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-073					FWS-074					FWS-075				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR073					CLNWR074					CL075DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.05	<	nv	1.05		1.01	<	nv	1.01		1.05	<	nv	1.05	
Nickel	mg/kg	2.07		nv	1.05		1.67		nv	1.01		16.7		nv	1.05	
Potassium	mg/kg															
Selenium	mg/kg	.524	<	nv	.524		.503	<	nv	.503		.524	<	nv	.524	
Silver	mg/kg	.189	<	nv	.189		.181	<	nv	.181		.189	<	nv	.189	
Strontium	mg/kg	14.3		nv	.524		4.28		nv	.503		40		nv	.524	
Thallium	mg/kg															
Vanadium	mg/kg	7.31		nv	.524		6.1		nv	.503		21.5		nv	.524	
Zinc	mg/kg	8.07		nv	5.24		7.54		nv	5.03		43.5		nv	5.24	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000828		nv	.000347		.000435		nv	.000302		.00181		nv	.000356	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-075					FWS-076					FWS-077				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR075					CLNWR076					CLNWR077				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.05	<	nv	1.05		1.02	<	nv	1.02		1.03	<	nv	1.03	
Nickel	mg/kg	16.4		nv	1.05		28.4		nv	1.02		2.39		nv	1.03	
Potassium	mg/kg															
Selenium	mg/kg	.524	<	nv	.524		.512	<	nv	.512		.516	<	nv	.516	
Silver	mg/kg	.189	<	nv	.189		.184	<	nv	.184		.186	<	nv	.186	
Strontium	mg/kg	37.6		nv	.524		50.8		nv	.512		7.82		nv	.516	
Thallium	mg/kg															
Vanadium	mg/kg	22		nv	.524		22.9		nv	.512		8.49		nv	.516	
Zinc	mg/kg	43.1		nv	5.24		59.4		nv	5.12		10.8		nv	5.15	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000753		nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		FWS-078					FWS-079					FWS-080				
		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		CLNWR078					CLNWR079					CLNWR080				
		09-SEP-03					09-SEP-03					09-SEP-03				
		.0 - 0.5					.0 - 0.5					.0 - 0.5				
METALS																
Molybdenum	mg/kg	1.03	<	nv	1.03		1.02	<	nv	1.02		1.02	<	nv	1.02	
Nickel	mg/kg	3.7		nv	1.03		19.5		nv	1.02		4.94		nv	1.02	
Potassium	mg/kg															
Selenium	mg/kg	.517	<	nv	.517		.508	<	nv	.508		.564		nv	.51	
Silver	mg/kg	.186	<	nv	.186		.183	<	nv	.183		.184	<	nv	.184	
Strontium	mg/kg	6.01		nv	.517		39.6		nv	.508		4.87		nv	.51	
Thallium	mg/kg															
Vanadium	mg/kg	11.2		nv	.517		19.6		nv	.508		16.5		nv	.51	
Zinc	mg/kg	11.7		nv	5.17		47.6		nv	5.08		14.6		nv	5.1	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000355		nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-081					FWS-082					FWS-083				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR081					CLNWR082					CLNWR083				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.04	<	nv	1.04		1.03	<	nv	1.03		1.09	<	nv	1.09	
Nickel	mg/kg	7.78		nv	1.04		29.5		nv	1.03		8.23		nv	1.09	
Potassium	mg/kg															
Selenium	mg/kg	.519	<	nv	.519		.726		nv	.517		.546	<	nv	.546	
Silver	mg/kg	.187	<	nv	.187		.186	<	nv	.186		.196	<	nv	.196	
Strontium	mg/kg	15.3		nv	.519		51.8		nv	.517		16		nv	.546	
Thallium	mg/kg															
Vanadium	mg/kg	13.5		nv	.519		31.9		nv	.517		12.2		nv	.546	
Zinc	mg/kg	20		nv	5.19		72.1		nv	5.17		20.9		nv	5.45	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000601		nv	.000343		.000401		nv	.000367		.000423		nv	.000353	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-084					FWS-085					FWS-086				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR084					CLNWR085					CLNWR086				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	.993	<	nv	.993		1.04	<	nv	1.04		1.06	<	nv	1.06	
Nickel	mg/kg	1.97		nv	.993		11.1		nv	1.04		4.95		nv	1.06	
Potassium	mg/kg															
Selenium	mg/kg	.497	<	nv	.497		.519	<	nv	.519		.53	<	nv	.53	
Silver	mg/kg	.179	<	nv	.179		.187	<	nv	.187		.191	<	nv	.191	
Strontium	mg/kg	5.43		nv	.497		16		nv	.519		6.25		nv	.53	
Thallium	mg/kg															
Vanadium	mg/kg	13.8		nv	.497		17.5		nv	.519		10.6		nv	.53	
Zinc	mg/kg	7.35		nv	4.97		37.3		nv	5.19		9.27		nv	5.3	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000543		nv	.000331		.000336	<	nv	.000336		.000548		nv	.000317	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-087					FWS-095					FWS-098				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR087					CLNWR095					CLNWR098				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Molybdenum	mg/kg	1.07	<	nv	1.07		1.02	<	nv	1.02		1.03	<	nv	1.03	
Nickel	mg/kg	5.62		nv	1.07		1.93		nv	1.02		6.17		nv	1.03	
Potassium	mg/kg															
Selenium	mg/kg	.536	<	nv	.536		.508	<	nv	.508		.517	<	nv	.517	
Silver	mg/kg	.193	<	nv	.193		.183	<	nv	.183		.186	<	nv	.186	
Strontium	mg/kg	10.7		nv	.536		5.76		nv	.508		12		nv	.517	
Thallium	mg/kg															
Vanadium	mg/kg	12		nv	.536		4.5		nv	.508		20.5		nv	.517	
Zinc	mg/kg	20		nv	5.36		5.08	<	nv	5.08		25.5		nv	5.17	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-102					FWS-103					FWS-104				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR102					CLNWR103					CLNWR104				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg		1.02	<	nv	1.02		1.47		nv	1.01		1.01	<	nv	1.01	
Nickel	mg/kg		4.41		nv	1.02		5.62		nv	1.01		5.2		nv	1.01	
Potassium	mg/kg																
Selenium	mg/kg		.51	<	nv	.51		.505	<	nv	.505		1.67		nv	.503	
Silver	mg/kg		.184	<	nv	.184		.182	<	nv	.182		.181	<	nv	.181	
Strontium	mg/kg		4.73		nv	.51		8.41		nv	.505		6.11		nv	.503	
Thallium	mg/kg																
Vanadium	mg/kg		14.7		nv	.51		21.5		nv	.505		17.5		nv	.503	
Zinc	mg/kg		8.91		nv	5.1		13.2		nv	5.05		14.8		nv	5.03	
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg																
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
1,2,4,5-Tetrachloro-benzene	mg/kg		.000438		nv	.000303		.000333	<	nv	.000333		.000553		nv	.000348	
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	FWS-105					FWS-106					FWS-107				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	CLNWR105					CLNWR106					CLNWR107				
Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group / *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.02	<	nv	1.02		1.06	<	nv	1.06		1.02	<	nv	1.02	
Nickel	mg/kg	6.95		nv	1.02		15.7		nv	1.06		1.84		nv	1.02	
Potassium	mg/kg															
Selenium	mg/kg	.512	<	nv	.512		.653		nv	.528		.51	<	nv	.51	
Silver	mg/kg	.184	<	nv	.184		.19	<	nv	.19		.184	<	nv	.184	
Strontium	mg/kg	4.72		nv	.512		14.6		nv	.528		4.87		nv	.51	
Thallium	mg/kg															
Vanadium	mg/kg	24		nv	.512		24		nv	.528		7.02		nv	.51	
Zinc	mg/kg	14.4		nv	5.12		36.8		nv	5.28		5.69		nv	5.1	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000296		nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000855		nv	.000293		.000919		nv	.000331		.000286	<	nv	.000286	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-109					FWS-110					FWS-111				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR109					CLNWR110					CLNWR111				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Molybdenum	mg/kg	1.03	<	nv	1.03		1.03	<	nv	1.03		1.02	<	nv	1.02	
Nickel	mg/kg	17.3		nv	1.03		18.9		nv	1.03		2.24		nv	1.02	
Potassium	mg/kg															
Selenium	mg/kg	.514	<	nv	.514		.514	<	nv	.514		.508	<	nv	.508	
Silver	mg/kg	.185	<	nv	.185		.185	<	nv	.185		.183	<	nv	.183	
Strontium	mg/kg	50.4		nv	.514		31.5		nv	.514		2.1		nv	.508	
Thallium	mg/kg															
Vanadium	mg/kg	19.6		nv	.514		16.8		nv	.514		10.6		nv	.508	
Zinc	mg/kg	44.2		nv	5.14		48.3		nv	5.14		5.51		nv	5.08	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
1,2,4,5-Tetrachloro-benzene	mg/kg	.00139		nv	.000333		.00106		nv	.000363		.000278	<	nv	.000278	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-120					FWS-127					FWS-136				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR120					CLNWR127					CLNWR136				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.02	<	nv	1.02		1	<	nv	1		1.05	<	nv	1.05	
Nickel	mg/kg	1.91		nv	1.02		11.3		nv	1		11.2		nv	1.05	
Potassium	mg/kg															
Selenium	mg/kg	.508	<	nv	.508		.5	<	nv	.5		.526	<	nv	.526	
Silver	mg/kg	.183	<	nv	.183		.18	<	nv	.18		.19	<	nv	.19	
Strontium	mg/kg	6.57		nv	.508		4.62		nv	.5		27.5		nv	.526	
Thallium	mg/kg															
Vanadium	mg/kg	5.71		nv	.508		14.1		nv	.5		19.7		nv	.526	
Zinc	mg/kg	6.07		nv	5.08		25.3		nv	5		34.8		nv	5.26	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000462		nv	.000301		.000327		nv	.000293		.000798		nv	.00036	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-140					FWS-140					FWS-141				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CL140DUP					CLNWR140					CLNWR141				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.03	<	nv	1.03		1.04	<	nv	1.04		1.02	<	nv	1.02	
Nickel	mg/kg	8.84		nv	1.03		10.1		nv	1.04		8.08		nv	1.02	
Potassium	mg/kg															
Selenium	mg/kg	.55		nv	.517		.728		nv	.521		.508	<	nv	.508	
Silver	mg/kg	.186	<	nv	.186		.188	<	nv	.188		.183	<	nv	.183	
Strontium	mg/kg	12.4		nv	.517		13.1		nv	.521		12.5		nv	.508	
Thallium	mg/kg															
Vanadium	mg/kg	20.9		nv	.517		21.6		nv	.521		16.1		nv	.508	
Zinc	mg/kg	28.7		nv	5.17		30.9		nv	5.21		21		nv	5.08	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
1,2,4,5-Tetrachloro-benzene	mg/kg	.0011		nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-142					FWS-143					FWS-144				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR142					CLNWR143					CLNWR144				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg		1.08	<	nv	1.08		1.02	<	nv	1.02		1	<	nv	1	
Nickel	mg/kg		4.85		nv	1.08		3.15		nv	1.02		3.75		nv	1	
Potassium	mg/kg																
Selenium	mg/kg		.54	<	nv	.54		.51	<	nv	.51		.5	<	nv	.5	
Silver	mg/kg		.194	<	nv	.194		.184	<	nv	.184		.18	<	nv	.18	
Strontium	mg/kg		5.85		nv	.54		5.1		nv	.51		10.8		nv	.5	
Thallium	mg/kg																
Vanadium	mg/kg		11.7		nv	.54		9.03		nv	.51		7.06		nv	.5	
Zinc	mg/kg		19.1		nv	5.4		8.35		nv	5.1		11		nv	5	
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg																
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg		.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
1,2,4,5-Tetrachloro-benzene	mg/kg		.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-145					FWS-146					FWS-147				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR145					CLNWR146					CLNWR147				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.05	<	nv	1.05		1.04	<	nv	1.04		.997	<	nv	.997	
Nickel	mg/kg	2.97		nv	1.05		5.5		nv	1.04		3.48		nv	.997	
Potassium	mg/kg															
Selenium	mg/kg	.526	<	nv	.526		.519	<	nv	.519		.498	<	nv	.498	
Silver	mg/kg	.19	<	nv	.19		.187	<	nv	.187		.179	<	nv	.179	
Strontium	mg/kg	4.52		nv	.526		10.2		nv	.519		8.77		nv	.498	
Thallium	mg/kg															
Vanadium	mg/kg	8.48		nv	.526		11.2		nv	.519		28.9		nv	.498	
Zinc	mg/kg	7.17		nv	5.26		8.9		nv	5.19		12.2		nv	4.98	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
1,2,4,5-Tetrachloro-benzene	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-148					FWS-150					FWS-151				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR148					CLNWR150					CLNWR151				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.02	<	nv	1.02		1.03	<	nv	1.03		1.03	<	nv	1.03	
Nickel	mg/kg	4.19		nv	1.02		7.13		nv	1.03		3.4		nv	1.03	
Potassium	mg/kg															
Selenium	mg/kg	.512	<	nv	.512		.516	<	nv	.516		.514	<	nv	.514	
Silver	mg/kg	.184	<	nv	.184		.186	<	nv	.186		.185	<	nv	.185	
Strontium	mg/kg	5.5		nv	.512		7.22		nv	.516		4.61		nv	.514	
Thallium	mg/kg															
Vanadium	mg/kg	7.29		nv	.512		10.7		nv	.516		5.24		nv	.514	
Zinc	mg/kg	9.8		nv	5.12		20.8		nv	5.15		8.85		nv	5.14	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
1,2,4,5-Tetrachloro-benzene	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-152					FWS-152					FWS-155				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CL152DUP					CLNWR152					CLNWR155				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Molybdenum	mg/kg	1.02	<	nv	1.02		1.01	<	nv	1.01		1.01	<	nv	1.01	
Nickel	mg/kg	9.35		nv	1.02		10.8		nv	1.01		8.39		nv	1.01	
Potassium	mg/kg															
Selenium	mg/kg	.512	<	nv	.512		.505	<	nv	.505		.505	<	nv	.505	
Silver	mg/kg	.184	<	nv	.184		.182	<	nv	.182		.182	<	nv	.182	
Strontium	mg/kg	24.6		nv	.512		16.4		nv	.505		22.5		nv	.505	
Thallium	mg/kg															
Vanadium	mg/kg	15.7		nv	.512		16.2		nv	.505		13		nv	.505	
Zinc	mg/kg	23.9		nv	5.12		27.2		nv	5.05		32.5		nv	5.05	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
1,2,4,5-Tetrachloro-benzene	mg/kg	.00175		nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-156					FWS-158					FWS-159				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR156					CLNWR158					CLNWR159				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.03	<	nv	1.03		1.02	<	nv	1.02		1.04	<	nv	1.04	
Nickel	mg/kg	2.88		nv	1.03		5.15		nv	1.02		16.1		nv	1.04	
Potassium	mg/kg															
Selenium	mg/kg	.517	<	nv	.517		.512	<	nv	.512		.519	<	nv	.519	
Silver	mg/kg	.186	<	nv	.186		.184	<	nv	.184		.187	<	nv	.187	
Strontium	mg/kg	3.74		nv	.517		7.52		nv	.512		43.8		nv	.519	
Thallium	mg/kg															
Vanadium	mg/kg	8.56		nv	.517		15.1		nv	.512		16.2		nv	.519	
Zinc	mg/kg	12.2		nv	5.17		16.3		nv	5.12		42.1		nv	5.19	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code	Associated Site	Sample No	Sample Date	Sample Depth	Result	Qual	VQ	RL	MDL
		FWS-169	Low Impact Sub-Area	CLNWR169	09-SEP-03	.0 - 0.5					
METALS											
Molybdenum	mg/kg						1.04	<	nv	1.04	
Nickel	mg/kg						4.06		nv	1.04	
Potassium	mg/kg										
Selenium	mg/kg						.521	<	nv	.521	
Silver	mg/kg						.188	<	nv	.188	
Strontium	mg/kg						6.6		nv	.521	
Thallium	mg/kg										
Vanadium	mg/kg						7.26		nv	.521	
Zinc	mg/kg						9.71		nv	5.21	
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg										
PESTICIDES											
1,2,3,4-Tetrachlorobenzene	mg/kg						.000305	<	nv	.000305	
1,2,4,5-Tetrachloro-benzene	mg/kg						.000419		nv	.000305	
2,2-Dicloropropanoic Acid	mg/kg										
2,4,5-T	mg/kg										
2,4,5-TP (Silvex)	mg/kg										
2,4-D	mg/kg										
2,4-DB	mg/kg										

User Test Group / Parameter	Units	Location Code	Associated Site	Sample No	Sample Date	Sample Depth	Result	Qual	VQ	RL	MDL
		FWS-172	Low Impact Sub-Area	CLNWR172	09-SEP-03	.0 - 0.5					
METALS											
Molybdenum	mg/kg						1.02	<	nv	1.02	
Nickel	mg/kg						11.5		nv	1.02	
Potassium	mg/kg										
Selenium	mg/kg						.526		nv	.512	
Silver	mg/kg						.184	<	nv	.184	
Strontium	mg/kg						14.7		nv	.512	
Thallium	mg/kg										
Vanadium	mg/kg						16.9		nv	.512	
Zinc	mg/kg						32.6		nv	5.12	
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg										
PESTICIDES											
1,2,3,4-Tetrachlorobenzene	mg/kg						.000311	<	nv	.000311	
1,2,4,5-Tetrachloro-benzene	mg/kg						.000348		nv	.000311	
2,2-Dicloropropanoic Acid	mg/kg										
2,4,5-T	mg/kg										
2,4,5-TP (Silvex)	mg/kg										
2,4-D	mg/kg										
2,4-DB	mg/kg										

User Test Group / Parameter	Units	Location Code	Associated Site	Sample No	Sample Date	Sample Depth	Result	Qual	VQ	RL	MDL
		FWS-173	Low Impact Sub-Area	CLNWR173	09-SEP-03	.0 - 0.5					
METALS											
Molybdenum	mg/kg						1	<	nv	1	
Nickel	mg/kg						4.76		nv	1	
Potassium	mg/kg										
Selenium	mg/kg						.5	<	nv	.5	
Silver	mg/kg						.18	<	nv	.18	
Strontium	mg/kg						6.37		nv	.5	
Thallium	mg/kg										
Vanadium	mg/kg						10.1		nv	.5	
Zinc	mg/kg						16.2		nv	5	
PCBS											
Aroclor 1016	mg/kg										
Aroclor 1221	mg/kg										
Aroclor 1232	mg/kg										
Aroclor 1242	mg/kg										
Aroclor 1248	mg/kg										
Aroclor 1254	mg/kg										
Aroclor 1260	mg/kg										
PERC											
Perchlorate	ug/kg										
PESTICIDES											
1,2,3,4-Tetrachlorobenzene	mg/kg						.000352	<	nv	.000352	
1,2,4,5-Tetrachloro-benzene	mg/kg						.000495		nv	.000352	
2,2-Dicloropropanoic Acid	mg/kg										
2,4,5-T	mg/kg										
2,4,5-TP (Silvex)	mg/kg										
2,4-D	mg/kg										
2,4-DB	mg/kg										

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-174					FWS-175					FWS-179				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR174					CLNWR175					CLNWR179				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.06	<	nv	1.06		1.07	<	nv	1.07		1.07	<	nv	1.07	
Nickel	mg/kg	7.38		nv	1.06		7.08		nv	1.07		5.92		nv	1.07	
Potassium	mg/kg															
Selenium	mg/kg	.53	<	nv	.53		.536	<	nv	.536		.536	<	nv	.536	
Silver	mg/kg	.191	<	nv	.191		.193	<	nv	.193		.193	<	nv	.193	
Strontium	mg/kg	12		nv	.53		18.2		nv	.536		5		J	.536	
Thallium	mg/kg															
Vanadium	mg/kg	17.3		nv	.53		9.21		nv	.536		13.6		nv	.536	
Zinc	mg/kg	39.9		nv	5.3		24.2		nv	5.36		8.23		nv	5.36	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
1,2,4,5-Tetrachloro-benzene	mg/kg	.0004		nv	.000341		.000758		nv	.000334		.000636		nv	.000304	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-181					FWS-183					FWS-184				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR181					CLNWR183					CLNWR184				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Molybdenum	mg/kg	1.04	<	nv	1.04		1.02	<	nv	1.02		1.04	<	nv	1.04	
Nickel	mg/kg	4.78		nv	1.04		5.82		nv	1.02		7.86		nv	1.04	
Potassium	mg/kg															
Selenium	mg/kg	.741		nv	.521		.508	<	nv	.508		.519	<	nv	.519	
Silver	mg/kg	.188	<	nv	.188		.183	<	nv	.183		.187	<	nv	.187	
Strontium	mg/kg	5.9		nv	.521		6.28		nv	.508		12.3		nv	.519	
Thallium	mg/kg															
Vanadium	mg/kg	16.5		nv	.521		13.7		nv	.508		16.8		nv	.519	
Zinc	mg/kg	14.1		nv	5.21		18.9		nv	5.08		24		nv	5.19	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000341		nv	.000311	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-185					FWS-186					FWS-186				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR185					CL186DUP					CLNWR186				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg		1.02	<	nv	1.02		1.03	<	nv	1.03		1.01	<	nv	1.01	
Nickel	mg/kg		3.44		nv	1.02		11.7		nv	1.03		14.2		nv	1.01	
Potassium	mg/kg																
Selenium	mg/kg		.76		nv	.508		.638		nv	.514		.505	<	nv	.505	
Silver	mg/kg		.207		nv	.183		.185	<	nv	.185		.182	<	nv	.182	
Strontium	mg/kg		12.7		nv	.508		7.66		nv	.514		13.9		nv	.505	
Thallium	mg/kg																
Vanadium	mg/kg		10.3		nv	.508		25.7		nv	.514		20.7		nv	.505	
Zinc	mg/kg		20.6		nv	5.08		47.8		nv	5.14		56.2		nv	5.05	
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg																
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg		.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
1,2,4,5-Tetrachloro-benzene	mg/kg		.00199		nv	.000386		.00547		nv	.000343		.00746		nv	.00035	
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-187					FWS-188					FWS-197				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR187					CLNWR188					CLNWR197				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.05	<	nv	1.05		1	<	nv	1		1.03	<	nv	1.03	
Nickel	mg/kg	4.66		nv	1.05		3.86		nv	1		11.1		nv	1.03	
Potassium	mg/kg															
Selenium	mg/kg	.526	<	nv	.526		.75		nv	.5		.526		nv	.517	
Silver	mg/kg	.19	<	nv	.19		.18	<	nv	.18		.186	<	nv	.186	
Strontium	mg/kg	4.5		nv	.526		5.46		nv	.5		12.2		nv	.517	
Thallium	mg/kg															
Vanadium	mg/kg	13.1		nv	.526		12.7		nv	.5		16.3		nv	.517	
Zinc	mg/kg	11.5		nv	5.26		11.8		nv	5		21.8		nv	5.17	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00146		nv	.00033	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-198					FWS-199					FWS-200				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR198					CLNWR199					CL200DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.02	<	UJL	1.02		1	<	nv	1		1.02	<	nv	1.02	
Nickel	mg/kg	4.98		nv	1.02		4.59		nv	1		2.61		nv	1.02	
Potassium	mg/kg															
Selenium	mg/kg	.512	<	nv	.512		.649		nv	.5		.512	<	nv	.512	
Silver	mg/kg	.184	<	nv	.184		.18	<	UJL	.18		.184	<	nv	.184	
Strontium	mg/kg	14.4		nv	.512		6.36		nv	.5		9.27		nv	.512	
Thallium	mg/kg															
Vanadium	mg/kg	19.2		nv	.512		23		nv	.5		11.5		nv	.512	
Zinc	mg/kg	21.6		nv	5.12		17.1		nv	5		11.2		nv	5.12	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
1,2,4,5-Tetrachloro-benzene	mg/kg	.00061		nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-200					FWS-201					FWS-201				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR200					CL201DUP					CLNWR201				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Molybdenum	mg/kg	1.04	<	nv	1.04		1.01	<	nv	1.01		1.03	<	nv	1.03	
Nickel	mg/kg	2.07		nv	1.04		4.34		nv	1.01		4.79		nv	1.03	
Potassium	mg/kg															
Selenium	mg/kg	.519	<	nv	.519		.507	<	nv	.507		.516	<	nv	.516	
Silver	mg/kg	.187	<	nv	.187		.182	<	nv	.182		.186	<	nv	.186	
Strontium	mg/kg	12.6		nv	.519		14.6		nv	.507		17		nv	.516	
Thallium	mg/kg															
Vanadium	mg/kg	8.88		nv	.519		11		nv	.507		9.5		nv	.516	
Zinc	mg/kg	17.3		nv	5.19		92.1		nv	5.07		80.5		nv	5.15	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000346	<	nv	.000346		.00067		nv	.000391		.000372	<	nv	.000372	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		Associated Site:					Associated Site:					Associated Site:				
		Sample No:					Sample No:					Sample No:				
		Sample Date:					Sample Date:					Sample Date:				
		Sample Depth:					Sample Depth:					Sample Depth:				
		Result					Result					Result				
METALS																
Molybdenum	mg/kg	1	<	nv	1		1.05	<	nv	1.05		1.02	<	nv	1.02	
Nickel	mg/kg	2.24		nv	1		2.44		nv	1.05		1.72		nv	1.02	
Potassium	mg/kg															
Selenium	mg/kg	.5	<	nv	.5		.526	<	nv	.526		.51	<	nv	.51	
Silver	mg/kg	.18	<	nv	.18		.19	<	nv	.19		.184	<	nv	.184	
Strontium	mg/kg	5.81		nv	.5		3.08		nv	.526		4.61		nv	.51	
Thallium	mg/kg															
Vanadium	mg/kg	8.56		nv	.5		9.81		nv	.526		4.64		nv	.51	
Zinc	mg/kg	6.63		nv	5		5.89		nv	5.26		5.1	<	nv	5.1	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-205					FWS-206					FWS-207				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR205					CLNWR206					CLNWR207				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.06	<	nv	1.06		1.04	<	nv	1.04		1.03	<	nv	1.03	
Nickel	mg/kg	4.24		nv	1.06		3.49		nv	1.04		2.41		nv	1.03	
Potassium	mg/kg															
Selenium	mg/kg	.53	<	nv	.53		.519	<	nv	.519		.517	<	nv	.517	
Silver	mg/kg	.191	<	nv	.191		.187	<	nv	.187		.186	<	nv	.186	
Strontium	mg/kg	7.58		nv	.53		3.9		nv	.519		4.83		nv	.517	
Thallium	mg/kg															
Vanadium	mg/kg	14.3		nv	.53		9.36		nv	.519		9.25		nv	.517	
Zinc	mg/kg	10.3		nv	5.3		11		nv	5.19		6.39		nv	5.17	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000425		nv	.000301		.000441		nv	.000402		.000794		nv	.000306	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL	Location Code:	Result	Qual	VQ	RL	MDL
		Associated Site:	Low Impact Sub-Area					Associated Site:	Low Impact Sub-Area					Associated Site:	Low Impact Sub-Area				
		Sample No:	CLNWR208					Sample No:	CL209DUP					Sample No:	CLNWR209				
		Sample Date:	09-SEP-03					Sample Date:	09-SEP-03					Sample Date:	09-SEP-03				
		Sample Depth:	.0 - 0.5					Sample Depth:	.0 - 0.5					Sample Depth:	.0 - 0.5				
METALS																			
Molybdenum	mg/kg		1.02	<	nv	1.02			1.05	<	nv	1.05			1	<	nv	1	
Nickel	mg/kg		3.2		nv	1.02			2.26		nv	1.05			1.83		nv	1	
Potassium	mg/kg																		
Selenium	mg/kg		.51	<	nv	.51			.526	<	nv	.526			.5	<	nv	.5	
Silver	mg/kg		.184	<	nv	.184			.19	<	nv	.19			.18	<	nv	.18	
Strontium	mg/kg		5.52		nv	.51			3.34		nv	.526			2.74		nv	.5	
Thallium	mg/kg																		
Vanadium	mg/kg		9.06		nv	.51			13.2		nv	.526			11.8		nv	.5	
Zinc	mg/kg		11.8		nv	5.1			6.65		nv	5.26			5.52		nv	5	
PCBS																			
Aroclor 1016	mg/kg																		
Aroclor 1221	mg/kg																		
Aroclor 1232	mg/kg																		
Aroclor 1242	mg/kg																		
Aroclor 1248	mg/kg																		
Aroclor 1254	mg/kg																		
Aroclor 1260	mg/kg																		
PERC																			
Perchlorate	ug/kg																		
PESTICIDES																			
1,2,3,4-Tetrachlorobenzene	mg/kg		.000373	<	nv	.000373			.000314	<	nv	.000314			.000311	<	nv	.000311	
1,2,4,5-Tetrachloro-benzene	mg/kg		.00049		nv	.000373			.00119		nv	.000314			.000942		nv	.000311	
2,2-Dicloropropanoic Acid	mg/kg																		
2,4,5-T	mg/kg																		
2,4,5-TP (Silvex)	mg/kg																		
2,4-D	mg/kg																		
2,4-DB	mg/kg																		

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-210					FWS-211					FWS-212				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR210					CLNWR211					CLNWR212				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.02	<	nv	1.02		1.06	<	nv	1.06		1.03	<	nv	1.03	
Nickel	mg/kg	2.99		nv	1.02		5.77		nv	1.06		3.97		nv	1.03	
Potassium	mg/kg															
Selenium	mg/kg	.51	<	nv	.51		.53	<	nv	.53		.516	<	nv	.516	
Silver	mg/kg	.184	<	nv	.184		.191	<	nv	.191		.256		nv	.186	
Strontium	mg/kg	5.6		nv	.51		13.7		nv	.53		19.7		nv	.516	
Thallium	mg/kg															
Vanadium	mg/kg	7.66		nv	.51		9.74		nv	.53		3.41		nv	.516	
Zinc	mg/kg	6.6		nv	5.1		14.2		nv	5.3		8.73		nv	5.15	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000689		nv	.000301		.000409		nv	.000334		.000801		nv	.000296	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		Associated Site:					Associated Site:					Associated Site:				
		Sample No:					Sample No:					Sample No:				
		Sample Date:					Sample Date:					Sample Date:				
		Sample Depth:					Sample Depth:					Sample Depth:				
		Result					Result					Result				
METALS																
Molybdenum	mg/kg	1.06	<	nv	1.06		1.06	<	nv	1.06		1.07	<	nv	1.07	
Nickel	mg/kg	3.98		nv	1.06		1.24		nv	1.06		1.72		nv	1.07	
Potassium	mg/kg															
Selenium	mg/kg	.532	<	nv	.532		.528	<	nv	.528		.534	<	nv	.534	
Silver	mg/kg	.192	<	nv	.192		.19	<	nv	.19		.192	<	nv	.192	
Strontium	mg/kg	6.55		nv	.532		9.68		nv	.528		14.8		nv	.534	
Thallium	mg/kg															
Vanadium	mg/kg	7		nv	.532		4.57		nv	.528		5.68		nv	.534	
Zinc	mg/kg	16.3		nv	5.32		5.28		nv	5.28		15.9		nv	5.34	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
1,2,4,5-Tetrachloro-benzene	mg/kg	.0003	<	nv	.0003		.00137		nv	.000338		.000758		nv	.000311	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-216					FWS-217					FWS-218				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR216					CLNWR217					CLNWR218				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.03	<	nv	1.03		1.03	<	nv	1.03		1.06	<	nv	1.06	
Nickel	mg/kg	1.67		nv	1.03		2.66		nv	1.03		4.43		nv	1.06	
Potassium	mg/kg															
Selenium	mg/kg	.516	<	nv	.516		.517	<	nv	.517		.53	<	nv	.53	
Silver	mg/kg	.186	<	nv	.186		.186	<	nv	.186		.191	<	nv	.191	
Strontium	mg/kg	4.94		nv	.516		5.5		nv	.517		3.52		nv	.53	
Thallium	mg/kg															
Vanadium	mg/kg	4.44		nv	.516		9.95		nv	.517		8.37		nv	.53	
Zinc	mg/kg	5.15	<	nv	5.15		7.54		nv	5.17		5.82		nv	5.3	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000296		nv	.000294		.000624		nv	.000398		.000657		nv	.000309	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-219					FWS-223					FWS-226				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR219					CLNWR223					CLNWR226				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.07	<	nv	1.07		1.07	<	nv	1.07		1.05	<	nv	1.05	
Nickel	mg/kg	7.76		nv	1.07		4.55		nv	1.07		17.1		nv	1.05	
Potassium	mg/kg															
Selenium	mg/kg	.536	<	nv	.536		.536	<	nv	.536		.526	<	nv	.526	
Silver	mg/kg	.193	<	nv	.193		.193	<	nv	.193		.19	<	nv	.19	
Strontium	mg/kg	8.91		nv	.536		7.12		nv	.536		23.2		nv	.526	
Thallium	mg/kg															
Vanadium	mg/kg	15.6		nv	.536		11.7		nv	.536		30.8		nv	.526	
Zinc	mg/kg	24.7		nv	5.36		9.69		nv	5.36		130		nv	5.26	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000418		nv	.000351	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-228					FWS-232					FWS-235				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR228					CLNWR232					CLNWR235				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Molybdenum	mg/kg	1	<	nv	1		1.03	<	nv	1.03		1	<	nv	1	
Nickel	mg/kg	14.4		nv	1		7.12		nv	1.03		5.24		nv	1	
Potassium	mg/kg															
Selenium	mg/kg	.502	<	nv	.502		.514	<	nv	.514		.5	<	nv	.5	
Silver	mg/kg	.181	<	nv	.181		.185	<	nv	.185		.18	<	nv	.18	
Strontium	mg/kg	22.2		nv	.502		17.7		nv	.514		19.5		nv	.5	
Thallium	mg/kg															
Vanadium	mg/kg	21.6		nv	.502		16.6		nv	.514		9.77		nv	.5	
Zinc	mg/kg	33.4		nv	5.02		88.3		nv	5.14		18.4		nv	5	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.00038		nv	.000328	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-236					FWS-237					FWS-238				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR236					CLNWR237					CL238DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.08	<	nv	1.08		1	<	nv	1		1.07	<	nv	1.07	
Nickel	mg/kg	3.32		nv	1.08		9.3		nv	1		12.1		nv	1.07	
Potassium	mg/kg															
Selenium	mg/kg	.538	<	nv	.538		.5	<	nv	.5		.774		nv	.534	
Silver	mg/kg	.194	<	nv	.194		.18	<	nv	.18		.192	<	nv	.192	
Strontium	mg/kg	12.4		nv	.538		24.5		nv	.5		14.3		nv	.534	
Thallium	mg/kg															
Vanadium	mg/kg	7.91		nv	.538		14		nv	.5		21.8		nv	.534	
Zinc	mg/kg	12.4		nv	5.38		52.4		nv	5		30.4		nv	5.34	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000342	<	nv	.000342		.000401		nv	.000326		.000345	<	nv	.000345	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	FWS-238					FWS-239					FWS-240				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	CLNWR238					CLNWR239					CLNWR240				
Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group / *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.01	<	nv	1.01		1.04	<	nv	1.04		1.09	<	nv	1.09	
Nickel	mg/kg	15.6		nv	1.01		10.2		nv	1.04		17.6		nv	1.09	
Potassium	mg/kg															
Selenium	mg/kg	.503	<	nv	.503		.521	<	nv	.521		.546	<	nv	.546	
Silver	mg/kg	.798		nv	.181		.196		nv	.188		.361		nv	.196	
Strontium	mg/kg	14.3		nv	.503		25.8		nv	.521		36.6		nv	.546	
Thallium	mg/kg															
Vanadium	mg/kg	24.7		nv	.503		17.7		nv	.521		20		nv	.546	
Zinc	mg/kg	35.9		nv	5.03		51.7		nv	5.21		65		nv	5.45	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000351	<	nv	.000351		.000455		nv	.000341		.000356	<	nv	.000356	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-241					FWS-242					FWS-243				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR241					CLNWR242					CLNWR243				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg	1.01	<	nv	1.01		1.03	<	nv	1.03		1.05	<	nv	1.05	
Nickel	mg/kg	15.8		nv	1.01		4.36		nv	1.03		12		nv	1.05	
Potassium	mg/kg															
Selenium	mg/kg	.505	<	nv	.505		.517	<	nv	.517		.607		nv	.526	
Silver	mg/kg	.182	<	nv	.182		.186	<	nv	.186		.19	<	nv	.19	
Strontium	mg/kg	22.9		nv	.505		9.78		nv	.517		10.2		nv	.526	
Thallium	mg/kg															
Vanadium	mg/kg	20		nv	.505		12.6		nv	.517		53		nv	.526	
Zinc	mg/kg	45.3		nv	5.05		19.8		nv	5.17		56.4		nv	5.26	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000353	<	nv	.000353		.000362		nv	.000344		.000314	<	nv	.000314	
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-244					FWS-245					HOSB17				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR244					CLNWR245					HOSB17(0-0.5)				
		Sample Date:	09-SEP-03					09-SEP-03					06-DEC-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg		1.09	<	nv	1.09		1.05	<	nv	1.05						
Nickel	mg/kg		8.08		nv	1.09		6.14		nv	1.05						
Potassium	mg/kg																
Selenium	mg/kg		.547	<	nv	.547		.526	<	nv	.526						
Silver	mg/kg		.197	<	nv	.197		.19	<	nv	.19						
Strontium	mg/kg		29.4		nv	.547		8.65		nv	.526						
Thallium	mg/kg																
Vanadium	mg/kg		14.8		nv	.547		19.6		nv	.526						
Zinc	mg/kg		23.2		nv	5.47		15.6		nv	5.26						
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg																
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg		.00037	<	nv	.00037		.000331	<	nv	.000331						
1,2,4,5-Tetrachloro-benzene	mg/kg		.00037	<	nv	.00037		.000331	<	nv	.000331						
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	HOSB18					LAP-31M1					LAP-31M2				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	HOSB18(0-0.5)					LAP-31M1					LAP-31M2				
	Sample Date:	06-DEC-00					12-JUL-00					12-JUL-00				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Molybdenum	mg/kg															
Nickel	mg/kg						5.48	U		5.48		5.17	U		5.17	
Potassium	mg/kg						349			-99		184			-99	
Selenium	mg/kg						0.657		JH	-99		0.617		JH	-99	
Silver	mg/kg						0.274	U		0.274		0.257	U		0.257	
Strontium	mg/kg						12.6		JL	-99		4.83		JL	-99	
Thallium	mg/kg						21.9	U	UJL	21.9		20.7	U	UJL	20.7	
Vanadium	mg/kg															
Zinc	mg/kg						94.1		JL	-99		62.3			-99	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg						-99	<		-99		-99	<		-99	
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		Location Code:	LAP-35M2					LAP-39M1					LAP-81103				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LAP-35M2					LAP-39M1					LAP-81103				
		Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*		*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																	
Molybdenum	mg/kg																
Nickel	mg/kg		5.17	U		5.17		10.5			-99		6.59			-99	
Potassium	mg/kg		199			-99		522			-99		740			-99	
Selenium	mg/kg		0.517	U		0.517		0.908		JH	-99		0.636		JH	-99	
Silver	mg/kg		0.259	U		0.259		0.267	U		0.267		0.289	U		0.289	
Strontium	mg/kg		3.85		JL	-99		22.3		JL	-99		15.7			-99	
Thallium	mg/kg		20.7	U	UJL	20.7		21.4	U	UJL	21.4		23.1	U	UJL	23.1	
Vanadium	mg/kg																
Zinc	mg/kg		52.3		JL	-99		408			-99		231		JL	-99	
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		-99	<		-99		-99	<		-99		280			-99	
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL	Location Code:	Qual	VQ	RL	MDL
		LAP-81105					LAP-81109					LAP-81124				
		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		LAP-81105					LAP-81109					LAP-81124				
		10-JUL-00					11-JUL-00					10-JUL-00				
		.0 - 0.5					.0 - 0.5					.0 - 0.5				
		Result					Result					Result				
METALS																
Molybdenum	mg/kg															
Nickel	mg/kg	6	U		6		5.52	U		5.52		5.46	U		5.46	
Potassium	mg/kg	658			-99		769			-99		498			-99	
Selenium	mg/kg	1.02		JH	-99		0.55	U		0.55		0.546	U		0.546	
Silver	mg/kg	0.3	U		0.3		0.275	U		0.275		0.273	U		0.273	
Strontium	mg/kg	20			-99		11.8		JL	-99		10.9			-99	
Thallium	mg/kg	24	U	UJL	24		22.1	U	UJL	22.1		21.9	U	UJL	21.9	
Vanadium	mg/kg															
Zinc	mg/kg	375		JL	-99		178			-99		149			-99	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	-99	<		-99		-99	<		-99		-99	<		-99	
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LAP-81127					LAP-81129					LAP-81130				
		Sample Date:	10-JUL-00					11-JUL-00					12-JUL-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
METALS																	
Molybdenum	mg/kg																
Nickel	mg/kg		5.25	U		5.25		5.19	U		5.19		5.43	U		5.43	
Potassium	mg/kg		274			-99		376			-99		519			-99	
Selenium	mg/kg		0.523	U		0.523		0.519	U		0.519		0.706		JH	-99	
Silver	mg/kg		0.261			-99		0.26	U		0.26		0.271	U		0.271	
Strontium	mg/kg		6.92			-99		15.8		JL	-99		19.1		JL	-99	
Thallium	mg/kg		21	U	UJL	21		20.8	U	UJL	20.8		21.7	U	UJL	21.7	
Vanadium	mg/kg																
Zinc	mg/kg		174			-99		124			-99		499			-99	
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		-99	<		-99		-99	<		-99		-99	<		-99	
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LAP-81146					LAP-81147					LAP-81152-FD				
		Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
METALS																	
Molybdenum	mg/kg																
Nickel	mg/kg		5.19	U		5.19		5.38	U		5.38						
Potassium	mg/kg		384			-99		406			-99						
Selenium	mg/kg		0.519	U		0.519		0.536	U		0.536						
Silver	mg/kg		0.26	U		0.26		0.268	U		0.268						
Strontium	mg/kg		8.6		JL	-99		11.3		JL	-99						
Thallium	mg/kg		20.8	U	UJL	20.8		21.5	U	UJL	21.5						
Vanadium	mg/kg																
Zinc	mg/kg		59.6			-99		160			-99						
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg		-99	<		-99		-99	<		-99						
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81152					LAP-81155					LAP-81156				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81152					LAP-81155					LAP-81156				
	Sample Date:	12-JUL-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg															
Nickel	mg/kg	5.36	U		5.36		5.46	U		5.46		5.8			-99	
Potassium	mg/kg	536			-99		611			-99		646			-99	
Selenium	mg/kg	0.535	U		0.535		1.2		JH	-99		0.987		JH	-99	
Silver	mg/kg	0.268	U		0.268		0.272	U		0.272		0.275	U		0.275	
Strontium	mg/kg	13.5		JL	-99		12.5		JL	-99		13.4		JL	-99	
Thallium	mg/kg	21.5	U	UJL	21.5		21.9	U	UJL	21.9		22	U	UJL	22	
Vanadium	mg/kg															
Zinc	mg/kg	163			-99		200			-99		210			-99	
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	-99	<		-99		-99	<		-99		-99	<		-99	
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81158					XXSB15					XXSB16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81158					LHXX-SB15(0-2)					LHXX-SB16(0-3)				
	Sample Date:	12-JUL-00					09-MAR-93					09-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg															
Nickel	mg/kg	5.63	U		5.63		2.8			1	-99	2.1			1	-99
Potassium	mg/kg	375			-99											
Selenium	mg/kg	0.562		JH	-99		0.3			0.1	-99	0.2			0.1	-99
Silver	mg/kg	0.28	U		0.28		1	<	U	1	-99	1	<	U	1	-99
Strontium	mg/kg	8.15		JL	-99											
Thallium	mg/kg	22.5	U	UJL	22.5		0.2	<	U	0.2	-99	0.2	<	U	0.2	-99
Vanadium	mg/kg															
Zinc	mg/kg	381			-99											
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg	-99	<		-99											
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	XXSB16					XXSB17					XXSB18				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	C940822-XXSB16-N00					LHXX-SB17(0-2)					LHXX-SB18 (0-2)				
		Sample Date:	22-AUG-94					09-MAR-93					10-MAR-93				
		Sample Depth:	.0 - 0					.0 - 2					.0 - 2				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg																
Nickel	mg/kg							4.5			1	-99	2.8			1	-99
Potassium	mg/kg																
Selenium	mg/kg		1.2	<	UJ	1.2		0.1			0.1	-99	0.3			0.1	-99
Silver	mg/kg							1	<	U	1	-99	1	<	U	1	-99
Strontium	mg/kg																
Thallium	mg/kg							0.2	<	U	0.2	-99	0.2	<	U	0.2	-99
Vanadium	mg/kg																
Zinc	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg																
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	XXSB18					XXSB19					XXSB19				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	C940822-XXSB18-N00					LHXX-SB19(0-2.5					C940822-XXSB19-N00				
		Sample Date:	22-AUG-94					09-MAR-93					22-AUG-94				
		Sample Depth:	.0 - 0					.0 - 2.5					.0 - 0				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Molybdenum	mg/kg																
Nickel	mg/kg							5.9			1	-99					
Potassium	mg/kg																
Selenium	mg/kg		1.2	<	UJ	1.2		0.1			0.1	-99	1.2	<	UJ	1.2	
Silver	mg/kg							1	<	U	1	-99					
Strontium	mg/kg																
Thallium	mg/kg							0.2	<	U	0.2	-99					
Vanadium	mg/kg																
Zinc	mg/kg																
PCBS																	
Aroclor 1016	mg/kg																
Aroclor 1221	mg/kg																
Aroclor 1232	mg/kg																
Aroclor 1242	mg/kg																
Aroclor 1248	mg/kg																
Aroclor 1254	mg/kg																
Aroclor 1260	mg/kg																
PERC																	
Perchlorate	ug/kg																
PESTICIDES																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg																
2,4,5-TP (Silvex)	mg/kg																
2,4-D	mg/kg																
2,4-DB	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
			XXSB20	Low Impact Sub-Area	LHXX-SB20(0-2.5	10-MAR-93	.0 - 2.5					
METALS												
	Molybdenum	mg/kg										
	Nickel	mg/kg						5.8			1	-99
	Potassium	mg/kg										
	Selenium	mg/kg						0.1			0.1	-99
	Silver	mg/kg						1	<	U	1	-99
	Strontium	mg/kg										
	Thallium	mg/kg						0.2	<	U	0.2	-99
	Vanadium	mg/kg										
	Zinc	mg/kg										
PCBS												
	Aroclor 1016	mg/kg										
	Aroclor 1221	mg/kg										
	Aroclor 1232	mg/kg										
	Aroclor 1242	mg/kg										
	Aroclor 1248	mg/kg										
	Aroclor 1254	mg/kg										
	Aroclor 1260	mg/kg										
PERC												
	Perchlorate	ug/kg										
PESTICIDES												
	1,2,3,4-Tetrachlorobenzene	mg/kg										
	1,2,4,5-Tetrachloro-benzene	mg/kg										
	2,2-Dicloropropanoic Acid	mg/kg										
	2,4,5-T	mg/kg										
	2,4,5-TP (Silvex)	mg/kg										
	2,4-D	mg/kg										
	2,4-DB	mg/kg										

User Test Group	Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
			XXSB20	Low Impact Sub-Area	C940823-XXSB20-N00	23-AUG-94	.0 - 0					
METALS												
	Molybdenum	mg/kg										
	Nickel	mg/kg						11.1			1.4	
	Potassium	mg/kg										
	Selenium	mg/kg						0.72	<	UJ	0.72	
	Silver	mg/kg						1.4	<	U	1.4	
	Strontium	mg/kg										
	Thallium	mg/kg						0.72	<	U	0.72	
	Vanadium	mg/kg										
	Zinc	mg/kg										
PCBS												
	Aroclor 1016	mg/kg										
	Aroclor 1221	mg/kg										
	Aroclor 1232	mg/kg										
	Aroclor 1242	mg/kg										
	Aroclor 1248	mg/kg										
	Aroclor 1254	mg/kg										
	Aroclor 1260	mg/kg										
PERC												
	Perchlorate	ug/kg										
PESTICIDES												
	1,2,3,4-Tetrachlorobenzene	mg/kg										
	1,2,4,5-Tetrachloro-benzene	mg/kg										
	2,2-Dicloropropanoic Acid	mg/kg										
	2,4,5-T	mg/kg										
	2,4,5-TP (Silvex)	mg/kg										
	2,4-D	mg/kg										
	2,4-DB	mg/kg										

User Test Group	Parameter	Units	Location Code:	Associated Site:	Sample No:	Sample Date:	Sample Depth:	Result	Qual	VQ	RL	MDL
			XXSB21	Low Impact Sub-Area	LHXX-SB21(0-2.5	10-MAR-93	.0 - 2.5					
METALS												
	Molybdenum	mg/kg										
	Nickel	mg/kg						4.1			1	-99
	Potassium	mg/kg										
	Selenium	mg/kg						0.1	<	U	0.1	-99
	Silver	mg/kg						1	<	U	1	-99
	Strontium	mg/kg										
	Thallium	mg/kg						0.2	<	U	0.2	-99
	Vanadium	mg/kg										
	Zinc	mg/kg										
PCBS												
	Aroclor 1016	mg/kg										
	Aroclor 1221	mg/kg										
	Aroclor 1232	mg/kg										
	Aroclor 1242	mg/kg										
	Aroclor 1248	mg/kg										
	Aroclor 1254	mg/kg										
	Aroclor 1260	mg/kg										
PERC												
	Perchlorate	ug/kg										
PESTICIDES												
	1,2,3,4-Tetrachlorobenzene	mg/kg										
	1,2,4,5-Tetrachloro-benzene	mg/kg										
	2,2-Dicloropropanoic Acid	mg/kg										
	2,4,5-T	mg/kg										
	2,4,5-TP (Silvex)	mg/kg										
	2,4-D	mg/kg										
	2,4-DB	mg/kg										

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB21					XXSB21					XXSD16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB21(0-2.5QC					C940823-XXSB21-N00					LHXX-SD16				
	Sample Date:	10-MAR-93					23-AUG-94					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2.5					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Molybdenum	mg/kg															
Nickel	mg/kg	4.1			1	-99						5.1			1	-99
Potassium	mg/kg															
Selenium	mg/kg	0.1	<	U	0.1	-99						0.4			0.1	-99
Silver	mg/kg	1	<	U	1	-99						1	<	U	1	-99
Strontium	mg/kg															
Thallium	mg/kg	0.2	<	U	0.2	-99						0.2	<	U	0.2	-99
Vanadium	mg/kg															
Zinc	mg/kg															
PCBS																
Aroclor 1016	mg/kg															
Aroclor 1221	mg/kg															
Aroclor 1232	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		11SB03					11SB04					11SB04				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LH11-SB03 (0-2)					LH11-SB04 (0-2)					C940822-11SB04-N00				
Sample Date:		03-MAR-93					03-MAR-93					22-AUG-94				
Sample Depth:		.0 - 2					.0 - 2					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB05					11SB05					11SB06				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH11-SB05 (0-2)					C940822-11SB05-N00					LH11-SB06 (0-2)				
	Sample Date:	04-MAR-93					22-AUG-94					04-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB06					11SD13					11WW01				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-11SB06-N00					LH11-SD13					11WW01 (0-2')				
	Sample Date:	22-AUG-94					31-MAR-93					22-AUG-94				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11WW02					11WW03					27SB03				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	11WW02 (0-2')					11WW03 (0-2')					27SB03 (0-0.5)				
	Sample Date:	20-AUG-94					21-AUG-94					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	27SB03					27SB03					27SB05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB03 (0-0.5)QC					27SB03 (1-2)					27SB05 (0-0.5)				
	Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		27SB05					27SB05					27SB11				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		27SB05 (0-0.5)QC					27SB05 (1-2)					27SB11 (0-0.5)				
Sample Date:		04-OCT-00					04-OCT-00					04-OCT-00				
Sample Depth:		.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB11					27SB11					27SB34				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB11 (0-0.5)QC					27SB11 (1-2)					LH27-SB34(0-3)				
	Sample Date:	04-OCT-00					04-OCT-00					19-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB34					27SB38					27WW01								
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area								
	Sample No:	LH27-SB34(0-3)QQC					LH27-SB38(0-2)					27WW01 (0-2')								
	Sample Date:	19-MAR-93					20-MAR-93					18-AUG-94								
User Test Group	*Sample Depth:*	.0 - 3					.0 - 2					.0 - 2								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
PESTICIDES																				
4,4'-DDD	mg/kg						.0074	<	U	.0074	-99									
4,4'-DDE	mg/kg						.0027	<	U	.0027	-99									
4,4'-DDT	mg/kg						.008	<	U	.008	-99									
Aldrin	mg/kg						.0027	<	U	.0027	-99									
Aroclor 1242	mg/kg																			
Aroclor 1248	mg/kg																			
Aroclor 1254	mg/kg																			
Aroclor 1260	mg/kg																			
Aroclor 1268	mg/kg																			
Chlordane	mg/kg						.0094	<	U	.0094	-99									
Chlorpyrifos	mg/kg																			
Dicamba	mg/kg						.2	<	U	.2	-99									
Dieldrin	mg/kg						.0013	<	U	.0013	-99									
Dinoseb	mg/kg						.07	<	U	.07	-99									
Endosulfan I	mg/kg						.0094	<	U	.0094	-99									
Endosulfan II	mg/kg						.0027	<	U	.0027	-99									
Endosulfan Sulfate	mg/kg						.0442	<	U	.0442	-99									
Endrin	mg/kg						.004	<	U	.004	-99									
Endrin aldehyde	mg/kg						.0154	<	U	.0154	-99									
Heptachlor	mg/kg						.002	<	U	.002	-99									
Heptachlor epoxide	mg/kg						.0556	<	U	.0556	-99									
Hexachlorobenzene	mg/kg																			
MCPA	mg/kg						168	<	U	168	-99									
MCPP	mg/kg						134	<	U	134	-99									
METHOXYCHLOR	mg/kg						.118	<	U	.118	-99									
MIREX	mg/kg																			
Polychlorinated biphenyls, N.O.S.	mg/kg																			
Toxaphene	mg/kg						.161	<	U	.161	-99									
alpha-BHC	mg/kg						.002	<	U	.002	-99									
alpha-Chlordane	mg/kg																			

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	400ASS01					400ASS01					400ASS02				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS01(0-0.5)					400ASS01(0-0.5)QC					400ASS02(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	400ASS03					400ASS04					400ASS05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS03(0-0.5)					400ASS04(0-0.5)					400ASS05(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		400ASS06					400ASS06					FWS-003				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		400ASS06(0-0.5)					C981204-400ASS06-N00					C-SS-003				
Sample Date:		26-JUL-98					04-DEC-98					27-AUG-02				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg											.000162	<	nv	.000162	
4,4'-DDE	mg/kg											.000209		nv	.000162	
4,4'-DDT	mg/kg											.000162	<	UJL	.000162	
Aldrin	mg/kg											.000162	<	nv	.000162	
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg											.000162	<	nv	.000162	
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg											.000162	<	nv	.000162	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg											.000162	<	nv	.000162	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg											.000162	<	nv	.000162	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg											.000162	<	nv	.000162	
Heptachlor epoxide	mg/kg											.000162	<	nv	.000162	
Hexachlorobenzene	mg/kg											.000162	<	nv	.000162	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg											.000162	<	nv	.000162	
Polychlorinated biphenyls, N.O.S.	mg/kg											.0123		nv	.00162	
Toxaphene	mg/kg											.00162	<	nv	.00162	
alpha-BHC	mg/kg											.000162	<	nv	.000162	
alpha-Chlordane	mg/kg											.000162	<	nv	.000162	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-004					FWS-005					FWS-041				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-004					C-SS-005					C-SS-041				
	Sample Date:	27-AUG-02					27-AUG-02					25-SEP-02				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
4,4'-DDE	mg/kg	.0107		nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
4,4'-DDT	mg/kg	.000306		JL	.00015		.000162	<	UJL	.000162		.000295	<	nv	.000295	
Aldrin	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
Aroclor 1242	mg/kg											.00323		nv	.00147	
Aroclor 1248	mg/kg											.00161		nv	.00147	
Aroclor 1254	mg/kg											.00147	<	nv	.00147	
Aroclor 1260	mg/kg											.00202		J	.00147	
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.000462		nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	UJL	.000295	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	UJL	.000295	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
Heptachlor epoxide	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
Hexachlorobenzene	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0246		nv	.0015		.00457		nv	.00162		.00803		nv	.00147	
Toxaphene	mg/kg	.0015	<	nv	.0015		.00162	<	nv	.00162		.00147	<	nv	.00147	
alpha-BHC	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
alpha-Chlordane	mg/kg	.00182		nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	FWS-042					FWS-043					FWS-050				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	C-SS-042					C-SS-043					CLNWR050				
Sample Date:	25-SEP-02					25-SEP-02					09-SEP-03				
User Test Group *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.00029	<	nv	.00029		.0628		nv	.000384		.000351	<	nv	.000351	
4,4'-DDE	mg/kg	.00192		nv	.00029		.0401		nv	.000384		.011		nv	.000351	
4,4'-DDT	mg/kg	.00029	<	nv	.00029		.0637		nv	.000384		.000351	<	nv	.000351	
Aldrin	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
Aroclor 1242	mg/kg	.00145	<	nv	.00145		.00214		nv	.00192		.00176	<	nv	.00176	
Aroclor 1248	mg/kg	.00145	<	nv	.00145		.00321		nv	.00192		.00176	<	nv	.00176	
Aroclor 1254	mg/kg	.00715		nv	.00145		.00856		nv	.00192		.00176	<	nv	.00176	
Aroclor 1260	mg/kg	.00417		J	.00145		.00749		J	.00192		.00176	<	nv	.00176	
Aroclor 1268	mg/kg											.00176	<	nv	.00176	
Chlordane	mg/kg	.00029	<	nv	.00029		.000423		nv	.000384		.000351	<	nv	.000351	
Chlorpyrifos	mg/kg											.000351	<	nv	.000351	
Dicamba	mg/kg															
Dieldrin	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.00029	<	UJL	.00029		.000384	<	UJL	.000384		.000351	<	nv	.000351	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.00029	<	UJL	.00029		.000384	<	UJL	.000384		.000351	<	nv	.000351	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
Heptachlor epoxide	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
Hexachlorobenzene	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0119		nv	.00145		.0214		nv	.00192		.00689		nv	.00176	
Toxaphene	mg/kg	.00145	<	nv	.00145		.00192	<	nv	.00192		.00176	<	nv	.00176	
alpha-BHC	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
alpha-Chlordane	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Location Code:	FWS-051					FWS-055					FWS-056				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	CLNWR051					CLNWR055					CL056DUP				
Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
4,4'-DDE	mg/kg	.00199		nv	.000362		.000845		nv	.000416		.00281		nv	.000312	
4,4'-DDT	mg/kg	.000362	<	nv	.000362		.000427		nv	.000416		.000592		nv	.000312	
Aldrin	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000814		nv	.000312	
Aroclor 1242	mg/kg	.00181	<	nv	.00181		.00208	<	nv	.00208		.00311		nv	.00156	
Aroclor 1248	mg/kg	.00181	<	nv	.00181		.00208	<	nv	.00208		.00156	<	nv	.00156	
Aroclor 1254	mg/kg	.00181	<	nv	.00181		.00208	<	nv	.00208		.00233		nv	.00156	
Aroclor 1260	mg/kg	.00181	<	nv	.00181		.00208	<	nv	.00208		.00233		nv	.00156	
Aroclor 1268	mg/kg	.00181	<	nv	.00181		.00208	<	nv	.00208		.00156	<	nv	.00156	
Chlordane	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
Chlorpyrifos	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000377		nv	.000312	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000362	<	nv	.000362		.000424		nv	.000416		.00034		nv	.000312	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
Heptachlor epoxide	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
Hexachlorobenzene	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000362	<	nv	.000362		.000516		nv	.000416		.000312	<	nv	.000312	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00551		nv	.00181		.00402		nv	.00208		.00774		nv	.00156	
Toxaphene	mg/kg	.00181	<	nv	.00181		.00208	<	nv	.00208		.00156	<	nv	.00156	
alpha-BHC	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
alpha-Chlordane	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-056					FWS-062					FWS-063				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR056					CLNWR062					CLNWR063				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
4,4'-DDE	mg/kg	.000797		nv	.000315		.000274	<	nv	.000274		.000854		nv	.000388	
4,4'-DDT	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000392		nv	.000388	
Aldrin	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
Aroclor 1242	mg/kg	.00157	<	nv	.00157		.00137	<	nv	.00137		.00194	<	nv	.00194	
Aroclor 1248	mg/kg	.00157	<	nv	.00157		.00137	<	nv	.00137		.00194	<	nv	.00194	
Aroclor 1254	mg/kg	.00157	<	nv	.00157		.00137	<	nv	.00137		.00194	<	nv	.00194	
Aroclor 1260	mg/kg	.00157	<	nv	.00157		.00137	<	nv	.00137		.00194	<	nv	.00194	
Aroclor 1268	mg/kg	.00157	<	nv	.00157		.00137	<	nv	.00137		.00194	<	nv	.00194	
Chlordane	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
Chlorpyrifos	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000315	<	nv	.000315		.000283		nv	.000274		.000388	<	nv	.000388	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
Heptachlor epoxide	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
Hexachlorobenzene	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00646		nv	.00157		.00265		nv	.00137		.00914		nv	.00194	
Toxaphene	mg/kg	.00157	<	nv	.00157		.00137	<	nv	.00137		.00194	<	nv	.00194	
alpha-BHC	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
alpha-Chlordane	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-073					FWS-074					FWS-075				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR073					CLNWR074					CL075DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
4,4'-DDE	mg/kg	.00255		nv	.000347		.000435		nv	.000302		.000512		nv	.000356	
4,4'-DDT	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000626		nv	.000356	
Aldrin	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
Aroclor 1242	mg/kg	.00652		nv	.00174		.00151	<	nv	.00151		.00178	<	nv	.00178	
Aroclor 1248	mg/kg	.00217		nv	.00174		.00151	<	nv	.00151		.00178	<	nv	.00178	
Aroclor 1254	mg/kg	.00174	<	nv	.00174		.00151	<	nv	.00151		.00178	<	nv	.00178	
Aroclor 1260	mg/kg	.00174	<	nv	.00174		.00151	<	nv	.00151		.00178	<	nv	.00178	
Aroclor 1268	mg/kg	.00174	<	nv	.00174		.00151	<	nv	.00151		.00178	<	nv	.00178	
Chlordane	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
Chlorpyrifos	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.0012		nv	.000356	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
Heptachlor epoxide	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
Hexachlorobenzene	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00864		nv	.00174		.00478		nv	.00151		.0043		nv	.00178	
Toxaphene	mg/kg	.00174	<	nv	.00174		.00151	<	nv	.00151		.00178	<	nv	.00178	
alpha-BHC	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
alpha-Chlordane	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-075					FWS-076					FWS-077				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR075					CLNWR076					CLNWR077				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
4,4'-DDE	mg/kg	.000714		nv	.000361		.0017		nv	.000477		.00063		nv	.000349	
4,4'-DDT	mg/kg	.000548		nv	.000361		.000909		nv	.000477		.000372		nv	.000349	
Aldrin	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
Aroclor 1242	mg/kg	.0018	<	nv	.0018		.00238	<	nv	.00238		.00175	<	nv	.00175	
Aroclor 1248	mg/kg	.0018	<	nv	.0018		.00238	<	nv	.00238		.00175	<	nv	.00175	
Aroclor 1254	mg/kg	.0018	<	nv	.0018		.00238	<	nv	.00238		.00175	<	nv	.00175	
Aroclor 1260	mg/kg	.0018	<	nv	.0018		.00238	<	nv	.00238		.00175	<	nv	.00175	
Aroclor 1268	mg/kg	.0018	<	nv	.0018		.00238	<	nv	.00238		.00175	<	nv	.00175	
Chlordane	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
Chlorpyrifos	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000364		nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
Heptachlor epoxide	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
Hexachlorobenzene	mg/kg	.000471		nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00834		nv	.0018		.00894		nv	.00238		.00679		nv	.00175	
Toxaphene	mg/kg	.0018	<	nv	.0018		.00238	<	nv	.00238		.00175	<	nv	.00175	
alpha-BHC	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
alpha-Chlordane	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-078					FWS-079					FWS-080				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR078					CLNWR079					CLNWR080				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
4,4'-DDE	mg/kg	.000626		nv	.000342		.000526		nv	.000335		.000644		nv	.000333	
4,4'-DDT	mg/kg	.000342	<	nv	.000342		.000674		nv	.000335		.000333		nv	.000333	
Aldrin	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
Aroclor 1242	mg/kg	.00171	<	nv	.00171		.00424		nv	.00168		.00167	<	nv	.00167	
Aroclor 1248	mg/kg	.00171	<	nv	.00171		.00168	<	nv	.00168		.00167	<	nv	.00167	
Aroclor 1254	mg/kg	.00171	<	nv	.00171		.0127		nv	.00168		.00167	<	nv	.00167	
Aroclor 1260	mg/kg	.00171	<	nv	.00171		.00424		nv	.00168		.00167	<	nv	.00167	
Aroclor 1268	mg/kg	.00171	<	nv	.00171		.00168	<	nv	.00168		.00167	<	nv	.00167	
Chlordane	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
Chlorpyrifos	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000342	<	nv	.000342		.00276		nv	.000335		.000333	<	nv	.000333	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
Heptachlor epoxide	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
Hexachlorobenzene	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00522		nv	.00171		.0212		nv	.00168		.00747		nv	.00167	
Toxaphene	mg/kg	.00171	<	nv	.00171		.00168	<	nv	.00168		.00167	<	nv	.00167	
alpha-BHC	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
alpha-Chlordane	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-081					FWS-082					FWS-083				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR081					CLNWR082					CLNWR083				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
4,4'-DDE	mg/kg	.0113		nv	.000343		.0173		nv	.000367		.00806		nv	.000353	
4,4'-DDT	mg/kg	.000343	<	nv	.000343		.000612		nv	.000367		.000752		nv	.000353	
Aldrin	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
Aroclor 1242	mg/kg	.00551		nv	.00172		.0105		nv	.00183		.00653		nv	.00177	
Aroclor 1248	mg/kg	.00172	<	nv	.00172		.00183	<	nv	.00183		.00177	<	nv	.00177	
Aroclor 1254	mg/kg	.0049		nv	.00172		.00932		nv	.00183		.00581		nv	.00177	
Aroclor 1260	mg/kg	.00184		nv	.00172		.0035		nv	.00183		.00218		nv	.00177	
Aroclor 1268	mg/kg	.00172	<	nv	.00172		.00183	<	nv	.00183		.00177	<	nv	.00177	
Chlordane	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
Chlorpyrifos	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
Heptachlor epoxide	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
Hexachlorobenzene	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000421		nv	.000353	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0123		nv	.00172		.0234		nv	.00183		.0145		nv	.00177	
Toxaphene	mg/kg	.00172	<	nv	.00172		.00183	<	nv	.00183		.00177	<	nv	.00177	
alpha-BHC	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
alpha-Chlordane	mg/kg	.0005		nv	.000343		.00153		nv	.000367		.000405		nv	.000353	

	Location Code:	FWS-084					FWS-085					FWS-086				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR084					CLNWR085					CLNWR086				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000331	<	nv	.000331		.000403		nv	.000336		.000317	<	nv	.000317	
4,4'-DDE	mg/kg	.000898		nv	.000331		.00863		nv	.000336		.000355		nv	.000317	
4,4'-DDT	mg/kg	.000686		nv	.000331		.00067		nv	.000336		.000317	<	nv	.000317	
Aldrin	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
Aroclor 1242	mg/kg	.00552		nv	.00165		.00706		nv	.00168		.00158	<	nv	.00158	
Aroclor 1248	mg/kg	.00165	<	nv	.00165		.00168	<	nv	.00168		.00158	<	nv	.00158	
Aroclor 1254	mg/kg	.00491		nv	.00165		.0118		nv	.00168		.00158	<	nv	.00158	
Aroclor 1260	mg/kg	.00184		nv	.00165		.00471		nv	.00168		.00158	<	nv	.00158	
Aroclor 1268	mg/kg	.00165	<	nv	.00165		.00168	<	nv	.00168		.00158	<	nv	.00158	
Chlordane	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
Chlorpyrifos	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
Dicamba	mg/kg															
Dieldrin	mg/kg	.00053		nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000719		nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
Heptachlor epoxide	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
Hexachlorobenzene	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0123		nv	.00165		.0236		nv	.00168		.00443		nv	.00158	
Toxaphene	mg/kg	.00165	<	nv	.00165		.00168	<	nv	.00168		.00158	<	nv	.00158	
alpha-BHC	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
alpha-Chlordane	mg/kg	.000331	<	nv	.000331		.000447		nv	.000336		.000317	<	nv	.000317	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-087					FWS-095					FWS-098				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR087					CLNWR095					CLNWR098				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
4,4'-DDE	mg/kg	.000507		nv	.000299		.000603		nv	.000343		.000527		nv	.000314	
4,4'-DDT	mg/kg	.000319		nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
Aldrin	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
Aroclor 1242	mg/kg	.00149	<	nv	.00149		.00645		nv	.00171		.00591		nv	.00157	
Aroclor 1248	mg/kg	.00149	<	nv	.00149		.00171	<	nv	.00171		.00157	<	nv	.00157	
Aroclor 1254	mg/kg	.00149	<	nv	.00149		.0043		nv	.00171		.00197		nv	.00157	
Aroclor 1260	mg/kg	.00149	<	nv	.00149		.00171	<	nv	.00171		.00197		nv	.00157	
Aroclor 1268	mg/kg	.00149	<	nv	.00149		.00171	<	nv	.00171		.00157	<	nv	.00157	
Chlordane	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
Chlorpyrifos	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000358		nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
Heptachlor epoxide	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
Hexachlorobenzene	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00581		nv	.00149		.0107		nv	.00171		.00987		nv	.00157	
Toxaphene	mg/kg	.00149	<	nv	.00149		.00171	<	nv	.00171		.00157	<	nv	.00157	
alpha-BHC	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
alpha-Chlordane	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group		Location Code:	FWS-102					FWS-103					FWS-104				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR102					CLNWR103					CLNWR104				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
4,4'-DDD	mg/kg		.000551		nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
4,4'-DDE	mg/kg		.00194		nv	.000303		.00127		nv	.000333		.000857		nv	.000348	
4,4'-DDT	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
Aldrin	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
Aroclor 1242	mg/kg		.00774		nv	.00151		.00816		nv	.00166		.00576		nv	.00174	
Aroclor 1248	mg/kg		.00151	<	nv	.00151		.00166	<	nv	.00166		.00174	<	nv	.00174	
Aroclor 1254	mg/kg		.00516		nv	.00151		.00544		nv	.00166		.0031		nv	.00174	
Aroclor 1260	mg/kg		.00151	<	nv	.00151		.00166	<	nv	.00166		.00174	<	nv	.00174	
Aroclor 1268	mg/kg		.00151	<	nv	.00151		.00166	<	nv	.00166		.00174	<	nv	.00174	
Chlordane	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
Chlorpyrifos	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
Dicamba	mg/kg																
Dieldrin	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
Dinoseb	mg/kg																
Endosulfan I	mg/kg																
Endosulfan II	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
Endosulfan Sulfate	mg/kg																
Endrin	mg/kg		.000672		nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
Endrin aldehyde	mg/kg																
Heptachlor	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
Heptachlor epoxide	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
Hexachlorobenzene	mg/kg		.000332		nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
MCPA	mg/kg																
MCPP	mg/kg																
METHOXYCHLOR	mg/kg																
MIREX	mg/kg		.000303	<	nv	.000303		.000939		nv	.000333		.00241		nv	.000348	
Polychlorinated biphenyls, N.O.S.	mg/kg		.0129		nv	.00151		.0136		nv	.00166		.00882		nv	.00174	
Toxaphene	mg/kg		.00151	<	nv	.00151		.00166	<	nv	.00166		.00174	<	nv	.00174	
alpha-BHC	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
alpha-Chlordane	mg/kg		.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-105					FWS-106					FWS-107				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR105					CLNWR106					CLNWR107				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
4,4'-DDE	mg/kg	.000293	<	nv	.000293		.000931		nv	.000331		.00084		nv	.000286	
4,4'-DDT	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286		nv	.000286	
Aldrin	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
Aroclor 1242	mg/kg	.00454		nv	.00147		.00785		nv	.00166		.00517		nv	.00143	
Aroclor 1248	mg/kg	.00147	<	nv	.00147		.00166	<	nv	.00166		.00143	<	nv	.00143	
Aroclor 1254	mg/kg	.00244		nv	.00147		.00423		nv	.00166		.00344		nv	.00143	
Aroclor 1260	mg/kg	.00147	<	nv	.00147		.00166	<	nv	.00166		.00143	<	nv	.00143	
Aroclor 1268	mg/kg	.00147	<	nv	.00147		.00166	<	nv	.00166		.00143	<	nv	.00143	
Chlordane	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
Chlorpyrifos	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000357		nv	.000286	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
Heptachlor epoxide	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
Hexachlorobenzene	mg/kg	.00178		nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000464		nv	.000293		.000433		nv	.000331		.000286	<	nv	.000286	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00698		nv	.00147		.0121		nv	.00166		.00863		nv	.00143	
Toxaphene	mg/kg	.00147	<	nv	.00147		.00166	<	nv	.00166		.00143	<	nv	.00143	
alpha-BHC	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
alpha-Chlordane	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-109					FWS-110					FWS-111				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR109					CLNWR110					CLNWR111				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
4,4'-DDE	mg/kg	.00123		nv	.000333		.00204		nv	.000363		.000317		nv	.000278	
4,4'-DDT	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
Aldrin	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
Aroclor 1242	mg/kg	.0052		nv	.00167		.00182	<	nv	.00182		.00139	<	nv	.00139	
Aroclor 1248	mg/kg	.00167	<	nv	.00167		.00182	<	nv	.00182		.00139	<	nv	.00139	
Aroclor 1254	mg/kg	.013		nv	.00167		.00182	<	nv	.00182		.00139	<	nv	.00139	
Aroclor 1260	mg/kg	.0052		nv	.00167		.00182	<	nv	.00182		.00139	<	nv	.00139	
Aroclor 1268	mg/kg	.00167	<	nv	.00167		.00182	<	nv	.00182		.00139	<	nv	.00139	
Chlordane	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
Chlorpyrifos	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000333	<	nv	.000333		.000611		nv	.000363		.000278	<	nv	.000278	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
Heptachlor epoxide	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
Hexachlorobenzene	mg/kg	.000337		nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0259		nv	.00167		.00624		nv	.00182		.00326		nv	.00139	
Toxaphene	mg/kg	.00167	<	nv	.00167		.00182	<	nv	.00182		.00139	<	nv	.00139	
alpha-BHC	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
alpha-Chlordane	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-120					FWS-127					FWS-136				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR120					CLNWR127					CLNWR136				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
4,4'-DDE	mg/kg	.000682		nv	.000301		.000351		nv	.000293		.00264		nv	.00036	
4,4'-DDT	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.000738		nv	.00036	
Aldrin	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
Aroclor 1242	mg/kg	.0015	<	nv	.0015		.00147	<	nv	.00147		.0018	<	nv	.0018	
Aroclor 1248	mg/kg	.0015	<	nv	.0015		.00147	<	nv	.00147		.0018	<	nv	.0018	
Aroclor 1254	mg/kg	.0015	<	nv	.0015		.00147	<	nv	.00147		.0018	<	nv	.0018	
Aroclor 1260	mg/kg	.0015	<	nv	.0015		.00147	<	nv	.00147		.0018	<	nv	.0018	
Aroclor 1268	mg/kg	.0015	<	nv	.0015		.00147	<	nv	.00147		.0018	<	nv	.0018	
Chlordane	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
Chlorpyrifos	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
Heptachlor epoxide	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
Hexachlorobenzene	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00129		nv	.00036	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00208		nv	.0015		.00318		nv	.00147		.00625		nv	.0018	
Toxaphene	mg/kg	.0015	<	nv	.0015		.00147	<	nv	.00147		.0018	<	nv	.0018	
alpha-BHC	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
alpha-Chlordane	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	FWS-140					FWS-140					FWS-141				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	CL140DUP					CLNWR140					CLNWR141				
Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
4,4'-DDE	mg/kg	.00138		nv	.00037		.000781		nv	.000421		.00146		nv	.000326	
4,4'-DDT	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000565		nv	.000326	
Aldrin	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
Aroclor 1242	mg/kg	.00185	<	nv	.00185		.00211	<	nv	.00211		.00163	<	nv	.00163	
Aroclor 1248	mg/kg	.00185	<	nv	.00185		.00211	<	nv	.00211		.00163	<	nv	.00163	
Aroclor 1254	mg/kg	.00185	<	nv	.00185		.00211	<	nv	.00211		.00163	<	nv	.00163	
Aroclor 1260	mg/kg	.00185	<	nv	.00185		.00211	<	nv	.00211		.00163	<	nv	.00163	
Aroclor 1268	mg/kg	.00185	<	nv	.00185		.00211	<	nv	.00211		.00163	<	nv	.00163	
Chlordane	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
Chlorpyrifos	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
Dicamba	mg/kg															
Dieldrin	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.00109		nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
Heptachlor epoxide	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
Hexachlorobenzene	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.00187		nv	.000326	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00318		nv	.00185		.00531		nv	.00211		.00843		nv	.00163	
Toxaphene	mg/kg	.00185	<	nv	.00185		.00211	<	nv	.00211		.00163	<	nv	.00163	
alpha-BHC	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
alpha-Chlordane	mg/kg	.00037	<	nv	.00037		.000509		nv	.000421		.000326	<	nv	.000326	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-142					FWS-143					FWS-144				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR142					CLNWR143					CLNWR144				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
4,4'-DDE	mg/kg	.00153		nv	.000327		.00121		nv	.000332		.000674		nv	.000288	
4,4'-DDT	mg/kg	.000609		nv	.000327		.000332	<	nv	.000332		.000635		nv	.000288	
Aldrin	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
Aroclor 1242	mg/kg	.00226		nv	.00164		.00166	<	nv	.00166		.00144	<	nv	.00144	
Aroclor 1248	mg/kg	.00164	<	nv	.00164		.00166	<	nv	.00166		.00144	<	nv	.00144	
Aroclor 1254	mg/kg	.00164	<	nv	.00164		.00166	<	nv	.00166		.00144	<	nv	.00144	
Aroclor 1260	mg/kg	.00678		nv	.00164		.00166	<	nv	.00166		.00144	<	nv	.00144	
Aroclor 1268	mg/kg	.00164	<	nv	.00164		.00166	<	nv	.00166		.00144	<	nv	.00144	
Chlordane	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
Chlorpyrifos	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000327	<	nv	.000327		.00044		nv	.000332		.000288	<	nv	.000288	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000327	<	nv	.000327		.000428		nv	.000332		.000288	<	nv	.000288	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
Heptachlor epoxide	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
Hexachlorobenzene	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000653		nv	.000327		.000333		nv	.000332		.000288	<	nv	.000288	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00899		nv	.00164		.00602		nv	.00166		.00337		nv	.00144	
Toxaphene	mg/kg	.00164	<	nv	.00164		.00166	<	nv	.00166		.00144	<	nv	.00144	
alpha-BHC	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
alpha-Chlordane	mg/kg	.000486		nv	.000327		.000483		nv	.000332		.000288	<	nv	.000288	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-145					FWS-146					FWS-147				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR145					CLNWR146					CLNWR147				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
4,4'-DDE	mg/kg	.00168		nv	.00031		.000508		nv	.000302		.00127		nv	.000297	
4,4'-DDT	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000456		nv	.000297	
Aldrin	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
Aroclor 1242	mg/kg	.0017		nv	.00155		.00151	<	nv	.00151		.00148	<	nv	.00148	
Aroclor 1248	mg/kg	.00155	<	nv	.00155		.00151	<	nv	.00151		.00148	<	nv	.00148	
Aroclor 1254	mg/kg	.00155	<	nv	.00155		.00151	<	nv	.00151		.00148	<	nv	.00148	
Aroclor 1260	mg/kg	.00511		nv	.00155		.00151	<	nv	.00151		.00148	<	nv	.00148	
Aroclor 1268	mg/kg	.00155	<	nv	.00155		.00151	<	nv	.00151		.00148	<	nv	.00148	
Chlordane	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
Chlorpyrifos	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
Dicamba	mg/kg															
Dieldrin	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000596		nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
Heptachlor epoxide	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
Hexachlorobenzene	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.0017		nv	.00031		.000484		nv	.000302		.0011		nv	.000297	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0068		nv	.00155		.00485		nv	.00151		.005		nv	.00148	
Toxaphene	mg/kg	.00155	<	nv	.00155		.00151	<	nv	.00151		.00148	<	nv	.00148	
alpha-BHC	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
alpha-Chlordane	mg/kg	.000456		nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-148					FWS-150					FWS-151				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR148					CLNWR150					CLNWR151				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
4,4'-DDE	mg/kg	.000528		nv	.00028		.000937		nv	.000362		.000412	<	nv	.000412	
4,4'-DDT	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
Aldrin	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
Aroclor 1242	mg/kg	.0014	<	nv	.0014		.00181	<	nv	.00181		.00206	<	nv	.00206	
Aroclor 1248	mg/kg	.0014	<	nv	.0014		.00181	<	nv	.00181		.00206	<	nv	.00206	
Aroclor 1254	mg/kg	.0014	<	nv	.0014		.00181	<	nv	.00181		.00206	<	nv	.00206	
Aroclor 1260	mg/kg	.0014	<	nv	.0014		.00181	<	nv	.00181		.00206	<	nv	.00206	
Aroclor 1268	mg/kg	.0014	<	nv	.0014		.00181	<	nv	.00181		.00206	<	nv	.00206	
Chlordane	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
Chlorpyrifos	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
Dicamba	mg/kg															
Dieldrin	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
Heptachlor epoxide	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
Hexachlorobenzene	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.00028	<	nv	.00028		.000681		nv	.000362		.000412	<	nv	.000412	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00406		nv	.0014		.006		nv	.00181		.00347		nv	.00206	
Toxaphene	mg/kg	.0014	<	nv	.0014		.00181	<	nv	.00181		.00206	<	nv	.00206	
alpha-BHC	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
alpha-Chlordane	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-152					FWS-152					FWS-155				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CL152DUP					CLNWR152					CLNWR155				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
4,4'-DDE	mg/kg	.000998		nv	.000372		.00117		nv	.000371		.000837		nv	.000339	
4,4'-DDT	mg/kg	.000785		nv	.000372		.000987		nv	.000371		.000383		nv	.000339	
Aldrin	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
Aroclor 1242	mg/kg	.00186	<	nv	.00186		.00185	<	nv	.00185		.0017	<	nv	.0017	
Aroclor 1248	mg/kg	.00186	<	nv	.00186		.00185	<	nv	.00185		.0017	<	nv	.0017	
Aroclor 1254	mg/kg	.00867		nv	.00186		.00185	<	nv	.00185		.0017	<	nv	.0017	
Aroclor 1260	mg/kg	.00467		nv	.00186		.00185	<	nv	.00185		.0017	<	nv	.0017	
Aroclor 1268	mg/kg	.00186	<	nv	.00186		.00185	<	nv	.00185		.0017	<	nv	.0017	
Chlordane	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
Chlorpyrifos	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.00224		nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
Heptachlor epoxide	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
Hexachlorobenzene	mg/kg	.000424		nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0134		nv	.00186		.0078		nv	.00185		.00422		nv	.0017	
Toxaphene	mg/kg	.00186	<	nv	.00186		.00185	<	nv	.00185		.0017	<	nv	.0017	
alpha-BHC	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
alpha-Chlordane	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-156					FWS-158					FWS-159				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR156					CLNWR158					CLNWR159				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
4,4'-DDE	mg/kg	.00121		nv	.000326		.000543		nv	.000324		.000531		nv	.000356	
4,4'-DDT	mg/kg	.00109		nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
Aldrin	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
Aroclor 1242	mg/kg	.00163	<	nv	.00163		.00162	<	nv	.00162		.00178	<	nv	.00178	
Aroclor 1248	mg/kg	.00163	<	nv	.00163		.00162	<	nv	.00162		.00178	<	nv	.00178	
Aroclor 1254	mg/kg	.00163	<	nv	.00163		.00162	<	nv	.00162		.00178	<	nv	.00178	
Aroclor 1260	mg/kg	.00163	<	nv	.00163		.00162	<	nv	.00162		.00178	<	nv	.00178	
Aroclor 1268	mg/kg	.00163	<	nv	.00163		.00162	<	nv	.00162		.00178	<	nv	.00178	
Chlordane	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
Chlorpyrifos	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
Heptachlor epoxide	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
Hexachlorobenzene	mg/kg	.000326	<	nv	.000326		.000536		nv	.000324		.000356	<	nv	.000356	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000326	<	nv	.000326		.000436		nv	.000324		.000516		nv	.000356	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00599		nv	.00163		.00471		nv	.00162		.00459		nv	.00178	
Toxaphene	mg/kg	.00163	<	nv	.00163		.00162	<	nv	.00162		.00178	<	nv	.00178	
alpha-BHC	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
alpha-Chlordane	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-169					FWS-172					FWS-173				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR169					CLNWR172					CLNWR173				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
4,4'-DDE	mg/kg	.00152		nv	.000305		.000819		nv	.000311		.000643		nv	.000352	
4,4'-DDT	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
Aldrin	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
Aroclor 1242	mg/kg	.00153	<	nv	.00153		.00156	<	nv	.00156		.00176	<	nv	.00176	
Aroclor 1248	mg/kg	.00153	<	nv	.00153		.00156	<	nv	.00156		.00176	<	nv	.00176	
Aroclor 1254	mg/kg	.00153	<	nv	.00153		.00156	<	nv	.00156		.00176	<	nv	.00176	
Aroclor 1260	mg/kg	.00153	<	nv	.00153		.00156	<	nv	.00156		.00176	<	nv	.00176	
Aroclor 1268	mg/kg	.00153	<	nv	.00153		.00156	<	nv	.00156		.00176	<	nv	.00176	
Chlordane	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
Chlorpyrifos	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
Heptachlor epoxide	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
Hexachlorobenzene	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00398		nv	.00153		.00725		nv	.00156		.00755		nv	.00176	
Toxaphene	mg/kg	.00153	<	nv	.00153		.00156	<	nv	.00156		.00176	<	nv	.00176	
alpha-BHC	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
alpha-Chlordane	mg/kg	.000318		nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-174					FWS-175					FWS-179				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR174					CLNWR175					CLNWR179				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
4,4'-DDE	mg/kg	.00105		nv	.000341		.0262		nv	.000334		.00828		nv	.000304	
4,4'-DDT	mg/kg	.00035		nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
Aldrin	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
Aroclor 1242	mg/kg	.0017	<	nv	.0017		.00296		nv	.00167		.00543		nv	.00152	
Aroclor 1248	mg/kg	.0017	<	nv	.0017		.00167	<	nv	.00167		.00155		nv	.00152	
Aroclor 1254	mg/kg	.0017	<	nv	.0017		.00986		nv	.00167		.00699		nv	.00152	
Aroclor 1260	mg/kg	.0017	<	nv	.0017		.0069		nv	.00167		.00155		nv	.00152	
Aroclor 1268	mg/kg	.0017	<	nv	.0017		.00167	<	nv	.00167		.00152	<	nv	.00152	
Chlordane	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
Chlorpyrifos	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000353		nv	.000341		.00037		nv	.000334		.000304	<	nv	.000304	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
Heptachlor epoxide	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
Hexachlorobenzene	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000326		nv	.000304	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00692		nv	.0017		.0198		nv	.00167		.0155		nv	.00152	
Toxaphene	mg/kg	.0017	<	nv	.0017		.00167	<	nv	.00167		.00152	<	nv	.00152	
alpha-BHC	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
alpha-Chlordane	mg/kg	.000341	<	nv	.000341		.00231		nv	.000334		.00091		nv	.000304	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-181					FWS-183					FWS-184				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR181					CLNWR183					CLNWR184				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.00076		nv	.000347		.000341	<	nv	.000341		.000814		nv	.000311	
4,4'-DDE	mg/kg	.00444		nv	.000347		.000524		nv	.000341		.0094		nv	.000311	
4,4'-DDT	mg/kg	.00749		nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
Aldrin	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
Aroclor 1242	mg/kg	.00174	<	nv	.00174		.00171	<	nv	.00171		.00703		nv	.00155	
Aroclor 1248	mg/kg	.00174	<	nv	.00174		.00171	<	nv	.00171		.00703		nv	.00155	
Aroclor 1254	mg/kg	.0112		nv	.00174		.00171	<	nv	.00171		.00844		nv	.00155	
Aroclor 1260	mg/kg	.0192		nv	.00174		.00171	<	nv	.00171		.00562		nv	.00155	
Aroclor 1268	mg/kg	.00174	<	nv	.00174		.00171	<	nv	.00171		.00155	<	nv	.00155	
Chlordane	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
Chlorpyrifos	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.00123		nv	.000311	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
Heptachlor epoxide	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
Hexachlorobenzene	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
Polychlorinated biphenyls, N.O.S.	mg/kg	.032		nv	.00174		.00415		nv	.00171		.0281		nv	.00155	
Toxaphene	mg/kg	.00174	<	nv	.00174		.00171	<	nv	.00171		.00155	<	nv	.00155	
alpha-BHC	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
alpha-Chlordane	mg/kg	.00162		nv	.000347		.000341	<	nv	.000341		.00105		nv	.000311	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-185					FWS-186					FWS-186				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR185					CL186DUP					CLNWR186				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000645		nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
4,4'-DDE	mg/kg	.00155		nv	.000386		.0194		J	.000343		.0854		nv	.00035	
4,4'-DDT	mg/kg	.000451		nv	.000386		.000408		JL	.000343		.00108		nv	.00035	
Aldrin	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
Aroclor 1242	mg/kg	.00891		nv	.00193		.00999		nv	.00171		.00203		nv	.00175	
Aroclor 1248	mg/kg	.00193	<	nv	.00193		.00571		nv	.00171		.00609		nv	.00175	
Aroclor 1254	mg/kg	.0149		nv	.00193		.00286		nv	.00171		.0122		nv	.00175	
Aroclor 1260	mg/kg	.00594		nv	.00193		.00999		J	.00171		.0203		nv	.00175	
Aroclor 1268	mg/kg	.00193	<	nv	.00193		.00171	<	nv	.00171		.00175	<	nv	.00175	
Chlordane	mg/kg	.000436		nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
Chlorpyrifos	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000391		nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.00329		nv	.000386		.000343	<	UJL	.000343		.00035	<	nv	.00035	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.000692		nv	.00035	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
Heptachlor epoxide	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
Hexachlorobenzene	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00043		nv	.00035	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0298		nv	.00193		.0286		J	.00171		.0406		nv	.00175	
Toxaphene	mg/kg	.00193	<	nv	.00193		.00171	<	nv	.00171		.00175	<	nv	.00175	
alpha-BHC	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
alpha-Chlordane	mg/kg	.000386	<	nv	.000386		.00158		J	.000343		.00443		nv	.00035	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Location Code:		FWS-187					FWS-188					FWS-197				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR187					CLNWR188					CLNWR197				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
4,4'-DDE	mg/kg	.000603		nv	.000339		.000896		nv	.000332		.000888		nv	.00033	
4,4'-DDT	mg/kg	.000339	<	nv	.000339		.000493		nv	.000332		.000874		nv	.00033	
Aldrin	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
Aroclor 1242	mg/kg	.0017	<	nv	.0017		.00166	<	nv	.00166		.00165	<	nv	.00165	
Aroclor 1248	mg/kg	.0017	<	nv	.0017		.00166	<	nv	.00166		.00165	<	nv	.00165	
Aroclor 1254	mg/kg	.0017	<	nv	.0017		.00166	<	nv	.00166		.00165	<	nv	.00165	
Aroclor 1260	mg/kg	.00234		nv	.0017		.00166	<	nv	.00166		.00165	<	nv	.00165	
Aroclor 1268	mg/kg	.0017	<	nv	.0017		.00166	<	nv	.00166		.00165	<	nv	.00165	
Chlordane	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
Chlorpyrifos	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
Heptachlor epoxide	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
Hexachlorobenzene	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.000792		nv	.00033	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00467		nv	.0017		.00536		nv	.00166		.00765		nv	.00165	
Toxaphene	mg/kg	.0017	<	nv	.0017		.00166	<	nv	.00166		.00165	<	nv	.00165	
alpha-BHC	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
alpha-Chlordane	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-198					FWS-199					FWS-200				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR198					CLNWR199					CL200DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
4,4'-DDE	mg/kg	.00172		nv	.000322		.000502		nv	.000302		.00073		nv	.000396	
4,4'-DDT	mg/kg	.000589		nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
Aldrin	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
Aroclor 1242	mg/kg	.00422		nv	.00161		.00151	<	nv	.00151		.00198	<	nv	.00198	
Aroclor 1248	mg/kg	.00161	<	nv	.00161		.00151	<	nv	.00151		.00198	<	nv	.00198	
Aroclor 1254	mg/kg	.00161	<	nv	.00161		.00151	<	nv	.00151		.00198	<	nv	.00198	
Aroclor 1260	mg/kg	.00422		nv	.00161		.00151	<	nv	.00151		.00198	<	nv	.00198	
Aroclor 1268	mg/kg	.00161	<	nv	.00161		.00151	<	nv	.00151		.00198	<	nv	.00198	
Chlordane	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
Chlorpyrifos	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000497		nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
Heptachlor epoxide	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
Hexachlorobenzene	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
Polychlorinated biphenyls, N.O.S.	mg/kg	.012		nv	.00161		.00493		nv	.00151		.00321		nv	.00198	
Toxaphene	mg/kg	.00161	<	nv	.00161		.00151	<	nv	.00151		.00198	<	nv	.00198	
alpha-BHC	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
alpha-Chlordane	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-200					FWS-201					FWS-201				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR200					CL201DUP					CLNWR201				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.000346	<	nv	.000346		.00329		nv	.000391		.000372	<	nv	.000372	
4,4'-DDE	mg/kg	.000592		nv	.000346		.000603		nv	.000391		.000624		nv	.000372	
4,4'-DDT	mg/kg	.000346	<	nv	.000346		.000565		nv	.000391		.000372	<	nv	.000372	
Aldrin	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
Aroclor 1242	mg/kg	.00173	<	nv	.00173		.00215		nv	.00195		.00186	<	nv	.00186	
Aroclor 1248	mg/kg	.00173	<	nv	.00173		.00215		nv	.00195		.00186	<	nv	.00186	
Aroclor 1254	mg/kg	.00173	<	nv	.00173		.00215		nv	.00195		.00186	<	nv	.00186	
Aroclor 1260	mg/kg	.00173	<	nv	.00173		.00215		nv	.00195		.00186	<	nv	.00186	
Aroclor 1268	mg/kg	.00173	<	nv	.00173		.00215		nv	.00195		.00186	<	nv	.00186	
Chlordane	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
Chlorpyrifos	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
Heptachlor epoxide	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
Hexachlorobenzene	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00378		nv	.00173		.0107		nv	.00195		.0029		nv	.00186	
Toxaphene	mg/kg	.00173	<	nv	.00173		.00195	<	nv	.00195		.00186	<	nv	.00186	
alpha-BHC	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
alpha-Chlordane	mg/kg	.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-202					FWS-203					FWS-204				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR202					CLNWR203					CLNWR204				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
4,4'-DDE	mg/kg	.00152		nv	.000329		.00277		nv	.000304		.000389		nv	.000303	
4,4'-DDT	mg/kg	.000329	<	nv	.000329		.000501		nv	.000304		.000543		nv	.000303	
Aldrin	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
Aroclor 1242	mg/kg	.00164	<	nv	.00164		.00445		nv	.00152		.00151	<	nv	.00151	
Aroclor 1248	mg/kg	.00164	<	nv	.00164		.00152	<	nv	.00152		.00151	<	nv	.00151	
Aroclor 1254	mg/kg	.00164	<	nv	.00164		.00152	<	nv	.00152		.00151	<	nv	.00151	
Aroclor 1260	mg/kg	.00164	<	nv	.00164		.0089		nv	.00152		.00151	<	nv	.00151	
Aroclor 1268	mg/kg	.00164	<	nv	.00164		.00152	<	nv	.00152		.00151	<	nv	.00151	
Chlordane	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
Chlorpyrifos	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
Heptachlor epoxide	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
Hexachlorobenzene	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00532		nv	.00164		.0149		nv	.00152		.0068		nv	.00151	
Toxaphene	mg/kg	.00164	<	nv	.00164		.00152	<	nv	.00152		.00151	<	nv	.00151	
alpha-BHC	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
alpha-Chlordane	mg/kg	.000329	<	nv	.000329		.000566		nv	.000304		.000303	<	nv	.000303	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-205					FWS-206					FWS-207				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR205					CLNWR206					CLNWR207				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
4,4'-DDE	mg/kg	.000362		nv	.000301		.00639		nv	.000402		.00343		nv	.000306	
4,4'-DDT	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000859		nv	.000306	
Aldrin	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
Aroclor 1242	mg/kg	.0027		nv	.00151		.00635		nv	.00201		.00305		nv	.00153	
Aroclor 1248	mg/kg	.0018		nv	.00151		.00318		nv	.00201		.00203		nv	.00153	
Aroclor 1254	mg/kg	.0027		nv	.00151		.00318		nv	.00201		.00915		nv	.00153	
Aroclor 1260	mg/kg	.0018		nv	.00151		.00318		nv	.00201		.0061		nv	.00153	
Aroclor 1268	mg/kg	.00151	<	nv	.00151		.00201	<	nv	.00201		.00153	<	nv	.00153	
Chlordane	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
Chlorpyrifos	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
Heptachlor epoxide	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
Hexachlorobenzene	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00901		nv	.00151		.0159		nv	.00201		.0203		nv	.00153	
Toxaphene	mg/kg	.00151	<	nv	.00151		.00201	<	nv	.00201		.00153	<	nv	.00153	
alpha-BHC	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
alpha-Chlordane	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	FWS-208					FWS-209					FWS-209				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	CLNWR208					CL209DUP					CLNWR209				
Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000373	<	nv	.000373		.00168		JL	.000314		.000311	<	nv	.000311	
4,4'-DDE	mg/kg	.00282		nv	.000373		.00748		J	.000314		.00238		nv	.000311	
4,4'-DDT	mg/kg	.00137		nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
Aldrin	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
Aroclor 1242	mg/kg	.00186	<	nv	.00186		.00739		nv	.00157		.00625		nv	.00155	
Aroclor 1248	mg/kg	.00186	<	nv	.00186		.00157	<	nv	.00157		.00155	<	nv	.00155	
Aroclor 1254	mg/kg	.00428		nv	.00186		.0222		J	.00157		.0116		nv	.00155	
Aroclor 1260	mg/kg	.00186	<	nv	.00186		.00157	<	nv	.00157		.00155	<	nv	.00155	
Aroclor 1268	mg/kg	.00186	<	nv	.00186		.00157	<	nv	.00157		.00155	<	nv	.00155	
Chlordane	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
Chlorpyrifos	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000373	<	nv	.000373		.00285		nv	.000314		.000311	<	nv	.000311	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
Heptachlor epoxide	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
Hexachlorobenzene	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00927		nv	.00186		.0296		J	.00157		.0179		nv	.00155	
Toxaphene	mg/kg	.00186	<	nv	.00186		.00157	<	nv	.00157		.00155	<	nv	.00155	
alpha-BHC	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
alpha-Chlordane	mg/kg	.000373	<	nv	.000373		.000623		nv	.000314		.00036		nv	.000311	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-210					FWS-211					FWS-212				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR210					CLNWR211					CLNWR212				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
4,4'-DDE	mg/kg	.000545		nv	.000301		.00155		nv	.000334		.00133		nv	.000296	
4,4'-DDT	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
Aldrin	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
Aroclor 1242	mg/kg	.00151	<	nv	.00151		.00361		nv	.00167		.0043		nv	.00148	
Aroclor 1248	mg/kg	.00151	<	nv	.00151		.00167	<	nv	.00167		.00148	<	nv	.00148	
Aroclor 1254	mg/kg	.00151	<	nv	.00151		.0108		nv	.00167		.00799		nv	.00148	
Aroclor 1260	mg/kg	.00151	<	nv	.00151		.00167	<	nv	.00167		.00148	<	nv	.00148	
Aroclor 1268	mg/kg	.00151	<	nv	.00151		.00167	<	nv	.00167		.00148	<	nv	.00148	
Chlordane	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
Chlorpyrifos	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
Heptachlor epoxide	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
Hexachlorobenzene	mg/kg	.000301	<	nv	.000301		.000415		nv	.000334		.000338		nv	.000296	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00677		nv	.00151		.0145		nv	.00167		.0123		nv	.00148	
Toxaphene	mg/kg	.00151	<	nv	.00151		.00167	<	nv	.00167		.00148	<	nv	.00148	
alpha-BHC	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
alpha-Chlordane	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	FWS-213					FWS-214					FWS-214				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	CLNWR213					CL214DUP					CLNWR214				
Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
4,4'-DDE	mg/kg	.000733		nv	.0003		.00349		nv	.000338		.00114		nv	.000311	
4,4'-DDT	mg/kg	.0003	<	nv	.0003		.000735		nv	.000338		.000658		nv	.000311	
Aldrin	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
Aroclor 1242	mg/kg	.00359		nv	.0015		.0185		nv	.00169		.00155	<	nv	.00155	
Aroclor 1248	mg/kg	.0015	<	nv	.0015		.0185		nv	.00169		.00155	<	nv	.00155	
Aroclor 1254	mg/kg	.00666		nv	.0015		.00792		nv	.00169		.00155	<	nv	.00155	
Aroclor 1260	mg/kg	.0015	<	nv	.0015		.00792		nv	.00169		.00155	<	nv	.00155	
Aroclor 1268	mg/kg	.0015	<	nv	.0015		.00169	<	nv	.00169		.00155	<	nv	.00155	
Chlordane	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000326		nv	.000311	
Chlorpyrifos	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
Dicamba	mg/kg															
Dieldrin	mg/kg	.0003	<	nv	.0003		.000524		nv	.000338		.000311	<	nv	.000311	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000329		nv	.000311	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
Heptachlor epoxide	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
Hexachlorobenzene	mg/kg	.0003	<	nv	.0003		.000356		nv	.000338		.000311	<	nv	.000311	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.0003	<	nv	.0003		.000561		nv	.000338		.000311	<	nv	.000311	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0103		nv	.0015		.0528		nv	.00169		.0106		nv	.00155	
Toxaphene	mg/kg	.0015	<	nv	.0015		.00169	<	nv	.00169		.00155	<	nv	.00155	
alpha-BHC	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
alpha-Chlordane	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000927		nv	.000311	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-216					FWS-217					FWS-218				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR216					CLNWR217					CLNWR218				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
4,4'-DDE	mg/kg	.000483		nv	.000294		.00126		nv	.000398		.000918		nv	.000309	
4,4'-DDT	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
Aldrin	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
Aroclor 1242	mg/kg	.00147	<	nv	.00147		.00199	<	nv	.00199		.0033		nv	.00155	
Aroclor 1248	mg/kg	.00147	<	nv	.00147		.00199	<	nv	.00199		.0033		nv	.00155	
Aroclor 1254	mg/kg	.00147	<	nv	.00147		.00199	<	nv	.00199		.00155	<	nv	.00155	
Aroclor 1260	mg/kg	.00147	<	nv	.00147		.00199	<	nv	.00199		.00155	<	nv	.00155	
Aroclor 1268	mg/kg	.00147	<	nv	.00147		.00199	<	nv	.00199		.00155	<	nv	.00155	
Chlordane	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
Chlorpyrifos	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000294	<	nv	.000294		.000441		nv	.000398		.000309	<	nv	.000309	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
Heptachlor epoxide	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
Hexachlorobenzene	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00617		nv	.00147		.00671		nv	.00199		.00948		nv	.00155	
Toxaphene	mg/kg	.00147	<	nv	.00147		.00199	<	nv	.00199		.00155	<	nv	.00155	
alpha-BHC	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
alpha-Chlordane	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-219					FWS-223					FWS-226				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR219					CLNWR223					CLNWR226				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000466		nv	.000351	
4,4'-DDE	mg/kg	.000772		nv	.000287		.00337		nv	.000373		.00488		nv	.000351	
4,4'-DDT	mg/kg	.000386		nv	.000287		.000373	<	nv	.000373		.00187		nv	.000351	
Aldrin	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
Aroclor 1242	mg/kg	.00143	<	nv	.00143		.00298		nv	.00187		.00176	<	nv	.00176	
Aroclor 1248	mg/kg	.00143	<	nv	.00143		.00187	<	nv	.00187		.00176	<	nv	.00176	
Aroclor 1254	mg/kg	.00143	<	nv	.00143		.0067		nv	.00187		.00176	<	nv	.00176	
Aroclor 1260	mg/kg	.00143	<	nv	.00143		.00521		nv	.00187		.18		nv	.00176	
Aroclor 1268	mg/kg	.00143	<	nv	.00143		.00187	<	nv	.00187		.00176	<	nv	.00176	
Chlordane	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
Chlorpyrifos	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
Heptachlor epoxide	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
Hexachlorobenzene	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.00111		nv	.000351	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00339		nv	.00143		.0148		nv	.00187		.18		nv	.00176	
Toxaphene	mg/kg	.00143	<	nv	.00143		.00187	<	nv	.00187		.00176	<	nv	.00176	
alpha-BHC	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
alpha-Chlordane	mg/kg	.000287	<	nv	.000287		.000921		nv	.000373		.000351	<	nv	.000351	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-228					FWS-232					FWS-235				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR228					CLNWR232					CLNWR235				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDD	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
4,4'-DDE	mg/kg	.00389		nv	.000365		.00117		nv	.000339		.00272		nv	.000328	
4,4'-DDT	mg/kg	.00109		nv	.000365		.00107		nv	.000339		.000373		nv	.000328	
Aldrin	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
Aroclor 1242	mg/kg	.00182	<	nv	.00182		.0017	<	nv	.0017		.00164	<	nv	.00164	
Aroclor 1248	mg/kg	.00182	<	nv	.00182		.0017	<	nv	.0017		.00164	<	nv	.00164	
Aroclor 1254	mg/kg	.0045		nv	.00182		.0017	<	nv	.0017		.00164	<	nv	.00164	
Aroclor 1260	mg/kg	.0135		nv	.00182		.0017	<	nv	.0017		.00164	<	nv	.00164	
Aroclor 1268	mg/kg	.00182	<	nv	.00182		.0017	<	nv	.0017		.00164	<	nv	.00164	
Chlordane	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
Chlorpyrifos	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
Heptachlor epoxide	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
Hexachlorobenzene	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
Polychlorinated biphenyls, N.O.S.	mg/kg	.018		nv	.00182		.00812		nv	.0017		.00522		nv	.00164	
Toxaphene	mg/kg	.00182	<	nv	.00182		.0017	<	nv	.0017		.00164	<	nv	.00164	
alpha-BHC	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
alpha-Chlordane	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-236					FWS-237					FWS-238				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR236					CLNWR237					CL238DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000405		nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
4,4'-DDE	mg/kg	.00435		nv	.000342		.00211		nv	.000326		.00147		nv	.000345	
4,4'-DDT	mg/kg	.00437		nv	.000342		.000761		nv	.000326		.00202		nv	.000345	
Aldrin	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
Aroclor 1242	mg/kg	.00377		nv	.00171		.00347		nv	.00163		.00173	<	nv	.00173	
Aroclor 1248	mg/kg	.00171	<	nv	.00171		.00163	<	nv	.00163		.00173	<	nv	.00173	
Aroclor 1254	mg/kg	.00753		nv	.00171		.0208		nv	.00163		.00173	<	nv	.00173	
Aroclor 1260	mg/kg	.00753		nv	.00171		.0104		nv	.00163		.00459		nv	.00173	
Aroclor 1268	mg/kg	.00171	<	nv	.00171		.00163	<	nv	.00163		.00173	<	UJ	.00173	
Chlordane	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
Chlorpyrifos	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	UJL	.000345	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
Heptachlor epoxide	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
Hexachlorobenzene	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000768		nv	.000345	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0188		nv	.00171		.0348		nv	.00163		.0154		nv	.00173	
Toxaphene	mg/kg	.00171	<	nv	.00171		.00163	<	nv	.00163		.00173	<	nv	.00173	
alpha-BHC	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
alpha-Chlordane	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-238					FWS-239					FWS-240				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR238					CLNWR239					CLNWR240				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
4,4'-DDE	mg/kg	.00193		nv	.000351		.000856		nv	.000341		.00341		nv	.000356	
4,4'-DDT	mg/kg	.00101		nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
Aldrin	mg/kg	.000645		nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
Aroclor 1242	mg/kg	.00226		nv	.00175		.00171	<	nv	.00171		.00178	<	nv	.00178	
Aroclor 1248	mg/kg	.00175	<	nv	.00175		.00171	<	nv	.00171		.00178	<	nv	.00178	
Aroclor 1254	mg/kg	.00226		nv	.00175		.00171	<	nv	.00171		.00178	<	nv	.00178	
Aroclor 1260	mg/kg	.00452		nv	.00175		.00171	<	nv	.00171		.00178	<	nv	.00178	
Aroclor 1268	mg/kg	.00175	<	nv	.00175		.00171	<	nv	.00171		.00178	<	nv	.00178	
Chlordane	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
Chlorpyrifos	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000681		nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
Heptachlor epoxide	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
Hexachlorobenzene	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00905		nv	.00175		.00581		nv	.00171		.00679		nv	.00178	
Toxaphene	mg/kg	.00175	<	nv	.00175		.00171	<	nv	.00171		.00178	<	nv	.00178	
alpha-BHC	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
alpha-Chlordane	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000714		nv	.000356	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	FWS-241					FWS-242					FWS-243				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	CLNWR241					CLNWR242					CLNWR243				
Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
4,4'-DDE	mg/kg	.00146		nv	.000353		.000501		nv	.000344		.00132		nv	.000314	
4,4'-DDT	mg/kg	.000798		nv	.000353		.000344	<	nv	.000344		.000796		nv	.000314	
Aldrin	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
Aroclor 1242	mg/kg	.00182		nv	.00176		.00172	<	nv	.00172		.00157	<	nv	.00157	
Aroclor 1248	mg/kg	.00176	<	nv	.00176		.00172	<	nv	.00172		.00157	<	nv	.00157	
Aroclor 1254	mg/kg	.00593		nv	.00176		.00172	<	nv	.00172		.00157	<	nv	.00157	
Aroclor 1260	mg/kg	.00176	<	nv	.00176		.00172	<	nv	.00172		.00157	<	nv	.00157	
Aroclor 1268	mg/kg	.00176	<	nv	.00176		.00172	<	nv	.00172		.00157	<	nv	.00157	
Chlordane	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
Chlorpyrifos	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
Dicamba	mg/kg															
Dieldrin	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
Heptachlor epoxide	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
Hexachlorobenzene	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.00036		nv	.000314	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00916		nv	.00176		.00361		nv	.00172		.00394		nv	.00157	
Toxaphene	mg/kg	.00176	<	nv	.00176		.00172	<	nv	.00172		.00157	<	nv	.00157	
alpha-BHC	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
alpha-Chlordane	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-244					FWS-245					HOSB17				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR244					CLNWR245					HOSB17(0-0.5)				
	Sample Date:	09-SEP-03					09-SEP-03					06-DEC-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
4,4'-DDE	mg/kg	.000401		nv	.00037		.000331	<	nv	.000331						
4,4'-DDT	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
Aldrin	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
Aroclor 1242	mg/kg	.00185	<	nv	.00185		.00166	<	nv	.00166						
Aroclor 1248	mg/kg	.00185	<	nv	.00185		.00166	<	nv	.00166						
Aroclor 1254	mg/kg	.00185	<	nv	.00185		.00166	<	nv	.00166						
Aroclor 1260	mg/kg	.00185	<	nv	.00185		.00166	<	nv	.00166						
Aroclor 1268	mg/kg	.00185	<	nv	.00185		.00166	<	nv	.00166						
Chlordane	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
Chlorpyrifos	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
Dicamba	mg/kg															
Dieldrin	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
Heptachlor epoxide	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
Hexachlorobenzene	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
Polychlorinated biphenyls, N.O.S.	mg/kg	.00288		nv	.00185		.00166	<	nv	.00166						
Toxaphene	mg/kg	.00185	<	nv	.00185		.00166	<	nv	.00166						
alpha-BHC	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
alpha-Chlordane	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		HOSB18					LAP-31M1					LAP-31M2				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		HOSB18(0-0.5)					LAP-31M1					LAP-31M2				
Sample Date:		06-DEC-00					12-JUL-00					12-JUL-00				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		LAP-35M2					LAP-39M1					LAP-81103				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-35M2					LAP-39M1					LAP-81103				
Sample Date:		12-JUL-00					12-JUL-00					10-JUL-00				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81105					LAP-81109					LAP-81124				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81105					LAP-81109					LAP-81124				
	Sample Date:	10-JUL-00					11-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81127					LAP-81129					LAP-81130				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81127					LAP-81129					LAP-81130				
	Sample Date:	10-JUL-00					11-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81146					LAP-81147					LAP-81152				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81146					LAP-81147					LAP-81152-FD				
	Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	LAP-81152					LAP-81155					LAP-81156				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81152					LAP-81155					LAP-81156				
	Sample Date:	12-JUL-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81158					XXSB15					XXSB16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81158					LHXX-SB15(0-2)					LHXX-SB16(0-3)				
	Sample Date:	12-JUL-00					09-MAR-93					09-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB16					XXSB17					XXSB18				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB16-N00					LHXX-SB17(0-2)					LHXX-SB18 (0-2)				
	Sample Date:	22-AUG-94					09-MAR-93					10-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB18					XXSB19					XXSB19				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB18-N00					LHXX-SB19(0-2.5					C940822-XXSB19-N00				
	Sample Date:	22-AUG-94					09-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 2.5					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		XXSB20					XXSB20					XXSB21				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LHXX-SB20(0-2.5					C940823-XXSB20-N00					LHXX-SB21(0-2.5				
Sample Date:		10-MAR-93					23-AUG-94					10-MAR-93				
Sample Depth:		.0 - 2.5					.0 - 0					.0 - 2.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4’-DDD	mg/kg															
4,4’-DDE	mg/kg															
4,4’-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB21					XXSB21					XXSD16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB21(0-2.5QC					C940823-XXSB21-N00					LHXX-SD16				
	Sample Date:	10-MAR-93					23-AUG-94					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2.5					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dieldrin	mg/kg															
Dinoseb	mg/kg															
Endosulfan I	mg/kg															
Endosulfan II	mg/kg															
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg															
Endrin aldehyde	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		11SB03					11SB04					11SB04				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LH11-SB03 (0-2)					LH11-SB04 (0-2)					C940822-11SB04-N00				
Sample Date:		03-MAR-93					03-MAR-93					22-AUG-94				
Sample Depth:		.0 - 2					.0 - 2					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
1,2-Dichlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
1,4-Dichlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
2,4,6-Trichlorophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2,4-Dichlorophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2,4-Dimethylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2,4-Dinitrophenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
2,4-Dinitrotoluene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2-Chloronaphthalene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	11SB05					11SB05					11SB06				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH11-SB05 (0-2)					C940822-11SB05-N00					LH11-SB06 (0-2)				
	Sample Date:	04-MAR-93					22-AUG-94					04-MAR-93				
	Sample Depth:	.0 - 2					.0 - 0					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
1,2-Dichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
1,4-Dichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
2,4,6-Trichlorophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2,4-Dichlorophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2,4-Dimethylphenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2,4-Dinitrophenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
2,4-Dinitrotoluene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2-Chloronaphthalene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB06					11SD13					11WW01				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-11SB06-N00					LH11-SD13					11WW01 (0-2')				
	Sample Date:	22-AUG-94					31-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
1,2-Dichlorobenzene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
1,2-Diphenylhydrazine	mg/kg											.38	<	U	.38	-99
1,3-Dichlorobenzene	mg/kg						.33	<	U	.33	-99	1.838	<	U	1.838	-99
1,4-Dichlorobenzene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
1-Chloronaphthalene	mg/kg											.755	<	U	.755	-99
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg						1.65	<	U	1.65	-99	.38	<	U	.38	-99
2,4,6-Trichlorophenol	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
2,4-Dichlorophenol	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
2,4-Dimethylphenol	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
2,4-Dinitrophenol	mg/kg						1.65	<	U	1.65	-99	.95	<	U	.95	-99
2,4-Dinitrotoluene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
2-Chloronaphthalene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11WW02					11WW03					27SB03				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	11WW02 (0-2')					11WW03 (0-2')					27SB03 (0-0.5)				
	Sample Date:	20-AUG-94					21-AUG-94					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
1,2-Dichlorobenzene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
1,2-Diphenylhydrazine	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
1,3-Dichlorobenzene	mg/kg	1.831	<	U	1.831	-99	1.812	<	U	1.812	-99					
1,4-Dichlorobenzene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
1-Chloronaphthalene	mg/kg	.752	<	U	.752	-99	.745	<	U	.745	-99					
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
2,4,6-Trichlorophenol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
2,4-Dichlorophenol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
2,4-Dimethylphenol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
2,4-Dinitrophenol	mg/kg	.95	<	U	.95	-99	.94	<	U	.94	-99					
2,4-Dinitrotoluene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
2-Chloronaphthalene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB03					27SB03					27SB05				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB03 (0-0.5)QC					27SB03 (1-2)					27SB05 (0-0.5)				
		Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
beta-BHC	mg/kg																
cis-nonachlor	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
o,p'-DDD	mg/kg																
o,p'-DDE	mg/kg																
o,p'-DDT	mg/kg																
oxychlordane	mg/kg																
pentachloro-anisole	mg/kg																
trans-NONACHLOR	mg/kg																
SEMIVOLATILES																	
1,2,4,5-Tetrachloro-benzene	mg/kg																
1,2,4-Trichlorobenzene	mg/kg																
1,2-Dichlorobenzene	mg/kg																
1,2-Diphenylhydrazine	mg/kg																
1,3-Dichlorobenzene	mg/kg																
1,4-Dichlorobenzene	mg/kg																
1-Chloronaphthalene	mg/kg																
1-Naphthylamine	mg/kg																
2,3,4,6-Tetrachlorophenol	mg/kg																
2,4,5-Trichlorophenol	mg/kg																
2,4,6-Trichlorophenol	mg/kg																
2,4-Dichlorophenol	mg/kg																
2,4-Dimethylphenol	mg/kg																
2,4-Dinitrophenol	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dichlorophenol	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Chloronaphthalene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB05					27SB05					27SB11				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB05 (0-0.5)QC					27SB05 (1-2)					27SB11 (0-0.5)				
		Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
beta-BHC	mg/kg																
cis-nonachlor	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
o,p'-DDD	mg/kg																
o,p'-DDE	mg/kg																
o,p'-DDT	mg/kg																
oxychlordane	mg/kg																
pentachloro-anisole	mg/kg																
trans-NONACHLOR	mg/kg																
SEMIVOLATILES																	
1,2,4,5-Tetrachloro-benzene	mg/kg																
1,2,4-Trichlorobenzene	mg/kg																
1,2-Dichlorobenzene	mg/kg																
1,2-Diphenylhydrazine	mg/kg																
1,3-Dichlorobenzene	mg/kg																
1,4-Dichlorobenzene	mg/kg																
1-Chloronaphthalene	mg/kg																
1-Naphthylamine	mg/kg																
2,3,4,6-Tetrachlorophenol	mg/kg																
2,4,5-Trichlorophenol	mg/kg																
2,4,6-Trichlorophenol	mg/kg																
2,4-Dichlorophenol	mg/kg																
2,4-Dimethylphenol	mg/kg																
2,4-Dinitrophenol	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dichlorophenol	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Chloronaphthalene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		27SB11					27SB11					27SB34				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		27SB11 (0-0.5)QC					27SB11 (1-2)					LH27-SB34(0-3)				
Sample Date:		04-OCT-00					04-OCT-00					19-MAR-93				
Sample Depth:		.0 - 0.5					1.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg											.33	<	U	.33	-99
1,2-Dichlorobenzene	mg/kg											.33	<	U	.33	-99
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg											.33	<	U	.33	-99
1,4-Dichlorobenzene	mg/kg											.33	<	U	.33	-99
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg											1.65	<	U	1.65	-99
2,4,6-Trichlorophenol	mg/kg											.33	<	U	.33	-99
2,4-Dichlorophenol	mg/kg											.33	<	U	.33	-99
2,4-Dimethylphenol	mg/kg											.33	<	U	.33	-99
2,4-Dinitrophenol	mg/kg											1.65	<	U	1.65	-99
2,4-Dinitrotoluene	mg/kg											.33	<	U	.33	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg											.33	<	U	.33	-99
2-Chloronaphthalene	mg/kg											.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		Location Code:	27SB34					27SB38					27WW01				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LH27-SB34(0-3)QQC					LH27-SB38(0-2)					27WW01 (0-2')				
		Sample Date:	19-MAR-93					20-MAR-93					18-AUG-94				
		Sample Depth:	.0 - 3					.0 - 2					.0 - 2				
Parameter	Units		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
beta-BHC	mg/kg							.004	<	U	.004	-99					
cis-nonachlor	mg/kg																
delta-BHC	mg/kg							.006	<	U	.006	-99					
gamma-BHC (Lindane)	mg/kg							.0027	<	U	.0027	-99					
o,p'-DDD	mg/kg																
o,p'-DDE	mg/kg																
o,p'-DDT	mg/kg																
oxychlordane	mg/kg																
pentachloro-anisole	mg/kg																
trans-NONACHLOR	mg/kg																
SEMIVOLATILES																	
1,2,4,5-Tetrachloro-benzene	mg/kg																
1,2,4-Trichlorobenzene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99					
1,2-Dichlorobenzene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99					
1,2-Diphenylhydrazine	mg/kg																
1,3-Dichlorobenzene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99					
1,4-Dichlorobenzene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99					
1-Chloronaphthalene	mg/kg																
1-Naphthylamine	mg/kg																
2,3,4,6-Tetrachlorophenol	mg/kg																
2,4,5-Trichlorophenol	mg/kg		1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
2,4,6-Trichlorophenol	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99					
2,4-Dichlorophenol	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99					
2,4-Dimethylphenol	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99					
2,4-Dinitrophenol	mg/kg		1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
2,4-Dinitrotoluene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99					
2,6-Dichlorophenol	mg/kg																
2,6-Dinitrotoluene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99					
2-Chloronaphthalene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS01					400ASS01					400ASS02				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS01(0-0.5)					400ASS01(0-0.5)QC					400ASS02(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg															
2,4,6-Trichlorophenol	mg/kg															
2,4-Dichlorophenol	mg/kg															
2,4-Dimethylphenol	mg/kg															
2,4-Dinitrophenol	mg/kg															
2,4-Dinitrotoluene	mg/kg															
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg															
2-Chloronaphthalene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	400ASS03					400ASS04					400ASS05				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	400ASS03(0-0.5)					400ASS04(0-0.5)					400ASS05(0-0.5)				
		Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
beta-BHC	mg/kg																
cis-nonachlor	mg/kg																
delta-BHC	mg/kg																
gamma-BHC (Lindane)	mg/kg																
o,p'-DDD	mg/kg																
o,p'-DDE	mg/kg																
o,p'-DDT	mg/kg																
oxychlordane	mg/kg																
pentachloro-anisole	mg/kg																
trans-NONACHLOR	mg/kg																
SEMIVOLATILES																	
1,2,4,5-Tetrachloro-benzene	mg/kg																
1,2,4-Trichlorobenzene	mg/kg																
1,2-Dichlorobenzene	mg/kg																
1,2-Diphenylhydrazine	mg/kg																
1,3-Dichlorobenzene	mg/kg																
1,4-Dichlorobenzene	mg/kg																
1-Chloronaphthalene	mg/kg																
1-Naphthylamine	mg/kg																
2,3,4,6-Tetrachlorophenol	mg/kg																
2,4,5-Trichlorophenol	mg/kg																
2,4,6-Trichlorophenol	mg/kg																
2,4-Dichlorophenol	mg/kg																
2,4-Dimethylphenol	mg/kg																
2,4-Dinitrophenol	mg/kg																
2,4-Dinitrotoluene	mg/kg																
2,6-Dichlorophenol	mg/kg																
2,6-Dinitrotoluene	mg/kg																
2-Chloronaphthalene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS06					400ASS06					FWS-003				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS06(0-0.5)					C981204-400ASS06-N00					C-SS-003				
	Sample Date:	26-JUL-98					04-DEC-98					27-AUG-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg											.000162	<	nv	.000162	
cis-nonachlor	mg/kg											.000162	<	nv	.000162	
delta-BHC	mg/kg											.000162	<	nv	.000162	
gamma-BHC (Lindane)	mg/kg											.000162	<	nv	.000162	
o,p'-DDD	mg/kg											.000162	<	nv	.000162	
o,p'-DDE	mg/kg											.000162	<	nv	.000162	
o,p'-DDT	mg/kg											.000162	<	nv	.000162	
oxychlordane	mg/kg											.000162	<	nv	.000162	
pentachloro-anisole	mg/kg											.000162	<	nv	.000162	
trans-NONACHLOR	mg/kg											.000162	<	nv	.000162	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg											.216	<	nv	.216	
1,2,4-Trichlorobenzene	mg/kg											.216	<	nv	.216	
1,2-Dichlorobenzene	mg/kg											.216	<	nv	.216	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg											.216	<	nv	.216	
1,4-Dichlorobenzene	mg/kg											.216	<	nv	.216	
1-Chloronaphthalene	mg/kg											.216	<	nv	.216	
1-Naphthylamine	mg/kg											.216	<	nv	.216	
2,3,4,6-Tetrachlorophenol	mg/kg											.216	<	nv	.216	
2,4,5-Trichlorophenol	mg/kg											.216	<	nv	.216	
2,4,6-Trichlorophenol	mg/kg											.216	<	nv	.216	
2,4-Dichlorophenol	mg/kg											.216	<	nv	.216	
2,4-Dimethylphenol	mg/kg											.216	<	nv	.216	
2,4-Dinitrophenol	mg/kg											.216	<	nv	.216	
2,4-Dinitrotoluene	mg/kg											.216	<	nv	.216	
2,6-Dichlorophenol	mg/kg											.216	<	nv	.216	
2,6-Dinitrotoluene	mg/kg											.216	<	nv	.216	
2-Chloronaphthalene	mg/kg											.216	<	nv	.216	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-004					FWS-005					FWS-041				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-004					C-SS-005					C-SS-041				
	Sample Date:	27-AUG-02					27-AUG-02					25-SEP-02				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
cis-nonachlor	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
delta-BHC	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
gamma-BHC (Lindane)	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
o,p'-DDD	mg/kg	.000414		nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
o,p'-DDE	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
o,p'-DDT	mg/kg	.000228		nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
oxychlordane	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
pentachloro-anisole	mg/kg	.00015	<	nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
trans-NONACHLOR	mg/kg	.000152		nv	.00015		.000162	<	nv	.000162		.000295	<	nv	.000295	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
1,2,4-Trichlorobenzene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
1,2-Dichlorobenzene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
1,4-Dichlorobenzene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
1-Chloronaphthalene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
1-Naphthylamine	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2,3,4,6-Tetrachlorophenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2,4,5-Trichlorophenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2,4,6-Trichlorophenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2,4-Dichlorophenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2,4-Dimethylphenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2,4-Dinitrophenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2,4-Dinitrotoluene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2,6-Dichlorophenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2,6-Dinitrotoluene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2-Chloronaphthalene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-042					FWS-043					FWS-050				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		C-SS-042					C-SS-043					CLNWR050				
Sample Date:		25-SEP-02					25-SEP-02					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
cis-nonachlor	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
delta-BHC	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
gamma-BHC (Lindane)	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
o,p'-DDD	mg/kg	.00029	<	nv	.00029		.0186		nv	.000384		.000351	<	nv	.000351	
o,p'-DDE	mg/kg	.00029	<	nv	.00029		.00201		nv	.000384		.000351	<	nv	.000351	
o,p'-DDT	mg/kg	.00029	<	nv	.00029		.000718		nv	.000384		.000351	<	nv	.000351	
oxychlordane	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
pentachloro-anisole	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
trans-NONACHLOR	mg/kg	.00029	<	nv	.00029		.000384	<	nv	.000384		.000351	<	nv	.000351	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
1,2,4-Trichlorobenzene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
1,2-Dichlorobenzene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
1,4-Dichlorobenzene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
1-Chloronaphthalene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
1-Naphthylamine	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2,3,4,6-Tetrachlorophenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2,4,5-Trichlorophenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2,4,6-Trichlorophenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2,4-Dichlorophenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2,4-Dimethylphenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2,4-Dinitrophenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2,4-Dinitrotoluene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2,6-Dichlorophenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2,6-Dinitrotoluene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2-Chloronaphthalene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group / Parameter	Units	Location Code: FWS-051 / Associated Site: Low Impact Sub-Area / Sample No: CLNWR051 / Sample Date: 09-SEP-03 / Sample Depth: .0 - 0.5					Location Code: FWS-055 / Associated Site: Low Impact Sub-Area / Sample No: CLNWR055 / Sample Date: 09-SEP-03 / Sample Depth: .0 - 0.5					Location Code: FWS-056 / Associated Site: Low Impact Sub-Area / Sample No: CL056DUP / Sample Date: 09-SEP-03 / Sample Depth: .0 - 0.5				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
cis-nonachlor	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
delta-BHC	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
gamma-BHC (Lindane)	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
o,p'-DDD	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
o,p'-DDE	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
o,p'-DDT	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
oxychlordane	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
pentachloro-anisole	mg/kg	.000362	<	nv	.000362		.000429		nv	.000416		.00236		nv	.000312	
trans-NONACHLOR	mg/kg	.000362	<	nv	.000362		.000416	<	nv	.000416		.000312	<	nv	.000312	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
1,2,4-Trichlorobenzene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
1,2-Dichlorobenzene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
1,4-Dichlorobenzene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
1-Chloronaphthalene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
1-Naphthylamine	mg/kg	.102		nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2,3,4,6-Tetrachlorophenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2,4,5-Trichlorophenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2,4,6-Trichlorophenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2,4-Dichlorophenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2,4-Dimethylphenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2,4-Dinitrophenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2,4-Dinitrotoluene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2,6-Dichlorophenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2,6-Dinitrotoluene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2-Chloronaphthalene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-056					FWS-062					FWS-063				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR056					CLNWR062					CLNWR063				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
cis-nonachlor	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
delta-BHC	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
gamma-BHC (Lindane)	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
o,p'-DDD	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
o,p'-DDE	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
o,p'-DDT	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000615		nv	.000388	
oxychlordane	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
pentachloro-anisole	mg/kg	.000631		nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
trans-NONACHLOR	mg/kg	.000315	<	nv	.000315		.000274	<	nv	.000274		.000388	<	nv	.000388	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
1,2,4-Trichlorobenzene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
1,2-Dichlorobenzene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
1,4-Dichlorobenzene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
1-Chloronaphthalene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
1-Naphthylamine	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2,3,4,6-Tetrachlorophenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2,4,5-Trichlorophenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2,4,6-Trichlorophenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2,4-Dichlorophenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2,4-Dimethylphenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2,4-Dinitrophenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2,4-Dinitrotoluene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2,6-Dichlorophenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2,6-Dinitrotoluene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2-Chloronaphthalene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-073					FWS-074					FWS-075				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR073					CLNWR074					CL075DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
cis-nonachlor	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
delta-BHC	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
gamma-BHC (Lindane)	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
o,p'-DDD	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
o,p'-DDE	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
o,p'-DDT	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000407		nv	.000356	
oxychlordane	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
pentachloro-anisole	mg/kg	.0315		nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
trans-NONACHLOR	mg/kg	.000347	<	nv	.000347		.000302	<	nv	.000302		.000356	<	nv	.000356	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
1,2,4-Trichlorobenzene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
1,2-Dichlorobenzene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
1,4-Dichlorobenzene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
1-Chloronaphthalene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
1-Naphthylamine	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2,3,4,6-Tetrachlorophenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2,4,5-Trichlorophenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2,4,6-Trichlorophenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2,4-Dichlorophenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2,4-Dimethylphenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2,4-Dinitrophenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2,4-Dinitrotoluene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2,6-Dichlorophenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2,6-Dinitrotoluene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2-Chloronaphthalene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-075					FWS-076					FWS-077				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR075					CLNWR076					CLNWR077				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
cis-nonachlor	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
delta-BHC	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
gamma-BHC (Lindane)	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
o,p'-DDD	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
o,p'-DDE	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000403		nv	.000349	
o,p'-DDT	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
oxychlordane	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
pentachloro-anisole	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
trans-NONACHLOR	mg/kg	.000361	<	nv	.000361		.000477	<	nv	.000477		.000349	<	nv	.000349	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
1,2,4-Trichlorobenzene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
1,2-Dichlorobenzene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
1,4-Dichlorobenzene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
1-Chloronaphthalene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
1-Naphthylamine	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2,3,4,6-Tetrachlorophenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2,4,5-Trichlorophenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2,4,6-Trichlorophenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2,4-Dichlorophenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2,4-Dimethylphenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2,4-Dinitrophenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2,4-Dinitrotoluene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2,6-Dichlorophenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2,6-Dinitrotoluene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2-Chloronaphthalene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-078					FWS-079					FWS-080				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR078					CLNWR079					CLNWR080				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
cis-nonachlor	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
delta-BHC	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
gamma-BHC (Lindane)	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
o,p'-DDD	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
o,p'-DDE	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000491		nv	.000333	
o,p'-DDT	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
oxychlordane	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
pentachloro-anisole	mg/kg	.00047		nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
trans-NONACHLOR	mg/kg	.000342	<	nv	.000342		.000335	<	nv	.000335		.000333	<	nv	.000333	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
1,2,4-Trichlorobenzene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
1,2-Dichlorobenzene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
1,4-Dichlorobenzene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
1-Chloronaphthalene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
1-Naphthylamine	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2,3,4,6-Tetrachlorophenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2,4,5-Trichlorophenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2,4,6-Trichlorophenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2,4-Dichlorophenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2,4-Dimethylphenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2,4-Dinitrophenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2,4-Dinitrotoluene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2,6-Dichlorophenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2,6-Dinitrotoluene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2-Chloronaphthalene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-081					FWS-082					FWS-083				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR081					CLNWR082					CLNWR083				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
cis-nonachlor	mg/kg	.000343	<	nv	.000343		.00101		nv	.000367		.000353	<	nv	.000353	
delta-BHC	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
gamma-BHC (Lindane)	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
o,p'-DDD	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
o,p'-DDE	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
o,p'-DDT	mg/kg	.000343	<	nv	.000343		.000432		nv	.000367		.000353	<	nv	.000353	
oxychlordane	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
pentachloro-anisole	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000371		nv	.000353	
trans-NONACHLOR	mg/kg	.000343	<	nv	.000343		.000367	<	nv	.000367		.000353	<	nv	.000353	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
1,2,4-Trichlorobenzene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
1,2-Dichlorobenzene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
1,4-Dichlorobenzene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
1-Chloronaphthalene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
1-Naphthylamine	mg/kg	.04		nv	.0343		.0605		nv	.0367		.0353	<	nv	.0353	
2,3,4,6-Tetrachlorophenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2,4,5-Trichlorophenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2,4,6-Trichlorophenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2,4-Dichlorophenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2,4-Dimethylphenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2,4-Dinitrophenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2,4-Dinitrotoluene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2,6-Dichlorophenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2,6-Dinitrotoluene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2-Chloronaphthalene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-084					FWS-085					FWS-086				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR084					CLNWR085					CLNWR086				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
cis-nonachlor	mg/kg	.000331	<	nv	.000331		.000375		nv	.000336		.000317	<	nv	.000317	
delta-BHC	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
gamma-BHC (Lindane)	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
o,p'-DDD	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
o,p'-DDE	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
o,p'-DDT	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
oxychlordane	mg/kg	.000331	<	nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
pentachloro-anisole	mg/kg	.00039		nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
trans-NONACHLOR	mg/kg	.000719		nv	.000331		.000336	<	nv	.000336		.000317	<	nv	.000317	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
1,2,4-Trichlorobenzene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
1,2-Dichlorobenzene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
1,4-Dichlorobenzene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
1-Chloronaphthalene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
1-Naphthylamine	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2,3,4,6-Tetrachlorophenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2,4,5-Trichlorophenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2,4,6-Trichlorophenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2,4-Dichlorophenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2,4-Dimethylphenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2,4-Dinitrophenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2,4-Dinitrotoluene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2,6-Dichlorophenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2,6-Dinitrotoluene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2-Chloronaphthalene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-087					FWS-095					FWS-098				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR087					CLNWR095					CLNWR098				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
cis-nonachlor	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
delta-BHC	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
gamma-BHC (Lindane)	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
o,p'-DDD	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
o,p'-DDE	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
o,p'-DDT	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
oxychlordane	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
pentachloro-anisole	mg/kg	.000299	<	nv	.000299		.000477		nv	.000343		.000314	<	nv	.000314	
trans-NONACHLOR	mg/kg	.000299	<	nv	.000299		.000343	<	nv	.000343		.000314	<	nv	.000314	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
1,2,4-Trichlorobenzene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
1,2-Dichlorobenzene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
1,4-Dichlorobenzene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
1-Chloronaphthalene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
1-Naphthylamine	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2,3,4,6-Tetrachlorophenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2,4,5-Trichlorophenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2,4,6-Trichlorophenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2,4-Dichlorophenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2,4-Dimethylphenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2,4-Dinitrophenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2,4-Dinitrotoluene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2,6-Dichlorophenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2,6-Dinitrotoluene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2-Chloronaphthalene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-102					FWS-103					FWS-104				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR102					CLNWR103					CLNWR104				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
cis-nonachlor	mg/kg	.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
delta-BHC	mg/kg	.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
gamma-BHC (Lindane)	mg/kg	.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
o,p'-DDD	mg/kg	.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
o,p'-DDE	mg/kg	.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
o,p'-DDT	mg/kg	.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
oxychlordane	mg/kg	.000303	<	nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
pentachloro-anisole	mg/kg	.000303	<	nv	.000303		.0009		nv	.000333		.000348	<	nv	.000348	
trans-NONACHLOR	mg/kg	.000313		nv	.000303		.000333	<	nv	.000333		.000348	<	nv	.000348	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
1,2,4-Trichlorobenzene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
1,2-Dichlorobenzene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
1,4-Dichlorobenzene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
1-Chloronaphthalene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
1-Naphthylamine	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
2,3,4,6-Tetrachlorophenol	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
2,4,5-Trichlorophenol	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
2,4,6-Trichlorophenol	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
2,4-Dichlorophenol	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
2,4-Dimethylphenol	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
2,4-Dinitrophenol	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
2,4-Dinitrotoluene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
2,6-Dichlorophenol	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
2,6-Dinitrotoluene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
2-Chloronaphthalene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-105					FWS-106					FWS-107				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR105					CLNWR106					CLNWR107				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
cis-nonachlor	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
delta-BHC	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
gamma-BHC (Lindane)	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
o,p'-DDD	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
o,p'-DDE	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
o,p'-DDT	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
oxychlordane	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
pentachloro-anisole	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000372		nv	.000286	
trans-NONACHLOR	mg/kg	.000293	<	nv	.000293		.000331	<	nv	.000331		.000286	<	nv	.000286	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
1,2,4-Trichlorobenzene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
1,2-Dichlorobenzene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
1,4-Dichlorobenzene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
1-Chloronaphthalene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
1-Naphthylamine	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2,3,4,6-Tetrachlorophenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2,4,5-Trichlorophenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2,4,6-Trichlorophenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2,4-Dichlorophenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2,4-Dimethylphenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2,4-Dinitrophenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2,4-Dinitrotoluene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2,6-Dichlorophenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2,6-Dinitrotoluene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2-Chloronaphthalene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-109					FWS-110					FWS-111				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR109					CLNWR110					CLNWR111				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
cis-nonachlor	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
delta-BHC	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
gamma-BHC (Lindane)	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
o,p'-DDD	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
o,p'-DDE	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
o,p'-DDT	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
oxychlordane	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
pentachloro-anisole	mg/kg	.000333	<	nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
trans-NONACHLOR	mg/kg	.000392		nv	.000333		.000363	<	nv	.000363		.000278	<	nv	.000278	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
1,2,4-Trichlorobenzene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
1,2-Dichlorobenzene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
1,4-Dichlorobenzene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
1-Chloronaphthalene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
1-Naphthylamine	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2,3,4,6-Tetrachlorophenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2,4,5-Trichlorophenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2,4,6-Trichlorophenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2,4-Dichlorophenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2,4-Dimethylphenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2,4-Dinitrophenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2,4-Dinitrotoluene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2,6-Dichlorophenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2,6-Dinitrotoluene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2-Chloronaphthalene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-120					FWS-127					FWS-136				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR120					CLNWR127					CLNWR136				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
cis-nonachlor	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
delta-BHC	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
gamma-BHC (Lindane)	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
o,p'-DDD	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
o,p'-DDE	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
o,p'-DDT	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
oxychlordane	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
pentachloro-anisole	mg/kg	.000662		nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
trans-NONACHLOR	mg/kg	.000301	<	nv	.000301		.000293	<	nv	.000293		.00036	<	nv	.00036	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
1,2,4-Trichlorobenzene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
1,2-Dichlorobenzene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0306	<	nv	.0306		.103		nv	.0291		.062		nv	.0357	
1,4-Dichlorobenzene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
1-Chloronaphthalene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
1-Naphthylamine	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2,3,4,6-Tetrachlorophenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2,4,5-Trichlorophenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2,4,6-Trichlorophenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2,4-Dichlorophenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2,4-Dimethylphenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2,4-Dinitrophenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2,4-Dinitrotoluene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2,6-Dichlorophenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2,6-Dinitrotoluene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2-Chloronaphthalene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-140					FWS-140					FWS-141				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CL140DUP					CLNWR140					CLNWR141				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
cis-nonachlor	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
delta-BHC	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
gamma-BHC (Lindane)	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
o,p'-DDD	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
o,p'-DDE	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
o,p'-DDT	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
oxychlordane	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
pentachloro-anisole	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
trans-NONACHLOR	mg/kg	.00037	<	nv	.00037		.000421	<	nv	.000421		.000326	<	nv	.000326	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
1,2,4-Trichlorobenzene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
1,2-Dichlorobenzene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
1,4-Dichlorobenzene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
1-Chloronaphthalene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
1-Naphthylamine	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2,3,4,6-Tetrachlorophenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2,4,5-Trichlorophenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2,4,6-Trichlorophenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2,4-Dichlorophenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2,4-Dimethylphenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2,4-Dinitrophenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2,4-Dinitrotoluene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2,6-Dichlorophenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2,6-Dinitrotoluene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2-Chloronaphthalene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-142					FWS-143					FWS-144				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR142					CLNWR143					CLNWR144				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
cis-nonachlor	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
delta-BHC	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
gamma-BHC (Lindane)	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
o,p'-DDD	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
o,p'-DDE	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
o,p'-DDT	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
oxychlordane	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
pentachloro-anisole	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
trans-NONACHLOR	mg/kg	.000327	<	nv	.000327		.000332	<	nv	.000332		.000288	<	nv	.000288	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
1,2,4-Trichlorobenzene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
1,2-Dichlorobenzene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
1,4-Dichlorobenzene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
1-Chloronaphthalene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
1-Naphthylamine	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2,3,4,6-Tetrachlorophenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2,4,5-Trichlorophenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2,4,6-Trichlorophenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2,4-Dichlorophenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2,4-Dimethylphenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2,4-Dinitrophenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2,4-Dinitrotoluene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2,6-Dichlorophenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2,6-Dinitrotoluene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2-Chloronaphthalene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-145					FWS-146					FWS-147				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR145					CLNWR146					CLNWR147				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
cis-nonachlor	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
delta-BHC	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
gamma-BHC (Lindane)	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
o,p'-DDD	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
o,p'-DDE	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
o,p'-DDT	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
oxychlordane	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
pentachloro-anisole	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000536		nv	.000297	
trans-NONACHLOR	mg/kg	.00031	<	nv	.00031		.000302	<	nv	.000302		.000297	<	nv	.000297	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
1,2,4-Trichlorobenzene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
1,2-Dichlorobenzene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
1,4-Dichlorobenzene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
1-Chloronaphthalene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
1-Naphthylamine	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2,3,4,6-Tetrachlorophenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2,4,5-Trichlorophenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2,4,6-Trichlorophenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2,4-Dichlorophenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2,4-Dimethylphenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2,4-Dinitrophenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2,4-Dinitrotoluene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2,6-Dichlorophenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2,6-Dinitrotoluene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2-Chloronaphthalene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-148					FWS-150					FWS-151				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR148					CLNWR150					CLNWR151				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
cis-nonachlor	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
delta-BHC	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
gamma-BHC (Lindane)	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
o,p'-DDD	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
o,p'-DDE	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
o,p'-DDT	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
oxychlordane	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
pentachloro-anisole	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
trans-NONACHLOR	mg/kg	.00028	<	nv	.00028		.000362	<	nv	.000362		.000412	<	nv	.000412	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
1,2,4-Trichlorobenzene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
1,2-Dichlorobenzene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
1,4-Dichlorobenzene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
1-Chloronaphthalene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
1-Naphthylamine	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2,3,4,6-Tetrachlorophenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2,4,5-Trichlorophenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2,4,6-Trichlorophenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2,4-Dichlorophenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2,4-Dimethylphenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2,4-Dinitrophenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2,4-Dinitrotoluene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2,6-Dichlorophenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2,6-Dinitrotoluene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2-Chloronaphthalene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-152					FWS-152					FWS-155				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CL152DUP					CLNWR152					CLNWR155				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
cis-nonachlor	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
delta-BHC	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
gamma-BHC (Lindane)	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
o,p'-DDD	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
o,p'-DDE	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
o,p'-DDT	mg/kg	.00176		nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
oxychlordane	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
pentachloro-anisole	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000726		nv	.000339	
trans-NONACHLOR	mg/kg	.000372	<	nv	.000372		.000371	<	nv	.000371		.000339	<	nv	.000339	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
1,2,4-Trichlorobenzene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
1,2-Dichlorobenzene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
1,4-Dichlorobenzene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
1-Chloronaphthalene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
1-Naphthylamine	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2,3,4,6-Tetrachlorophenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2,4,5-Trichlorophenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2,4,6-Trichlorophenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2,4-Dichlorophenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2,4-Dimethylphenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2,4-Dinitrophenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2,4-Dinitrotoluene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2,6-Dichlorophenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2,6-Dinitrotoluene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2-Chloronaphthalene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-156					FWS-158					FWS-159				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR156					CLNWR158					CLNWR159				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
cis-nonachlor	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
delta-BHC	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
gamma-BHC (Lindane)	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
o,p'-DDD	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
o,p'-DDE	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
o,p'-DDT	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
oxychlordane	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
pentachloro-anisole	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
trans-NONACHLOR	mg/kg	.000326	<	nv	.000326		.000324	<	nv	.000324		.000356	<	nv	.000356	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
1,2,4-Trichlorobenzene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
1,2-Dichlorobenzene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0321	<	nv	.0321		.0832		nv	.0326		.0983		nv	.0358	
1,4-Dichlorobenzene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
1-Chloronaphthalene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
1-Naphthylamine	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2,3,4,6-Tetrachlorophenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2,4,5-Trichlorophenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2,4,6-Trichlorophenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2,4-Dichlorophenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2,4-Dimethylphenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2,4-Dinitrophenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2,4-Dinitrotoluene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2,6-Dichlorophenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2,6-Dinitrotoluene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2-Chloronaphthalene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-169					FWS-172					FWS-173				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR169					CLNWR172					CLNWR173				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
cis-nonachlor	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
delta-BHC	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
gamma-BHC (Lindane)	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
o,p'-DDD	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
o,p'-DDE	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
o,p'-DDT	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
oxychlordane	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
pentachloro-anisole	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
trans-NONACHLOR	mg/kg	.000305	<	nv	.000305		.000311	<	nv	.000311		.000352	<	nv	.000352	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
1,2,4-Trichlorobenzene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
1,2-Dichlorobenzene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0357		nv	.0307		.0337		nv	.0312		.0349	<	nv	.0349	
1,4-Dichlorobenzene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
1-Chloronaphthalene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
1-Naphthylamine	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2,3,4,6-Tetrachlorophenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2,4,5-Trichlorophenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2,4,6-Trichlorophenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2,4-Dichlorophenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2,4-Dimethylphenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2,4-Dinitrophenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2,4-Dinitrotoluene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2,6-Dichlorophenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2,6-Dinitrotoluene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2-Chloronaphthalene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-174					FWS-175					FWS-179				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR174					CLNWR175					CLNWR179				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
cis-nonachlor	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
delta-BHC	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
gamma-BHC (Lindane)	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
o,p'-DDD	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
o,p'-DDE	mg/kg	.000341	<	nv	.000341		.000409		nv	.000334		.000304	<	nv	.000304	
o,p'-DDT	mg/kg	.000341	<	nv	.000341		.000515		nv	.000334		.000304	<	nv	.000304	
oxychlordane	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
pentachloro-anisole	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
trans-NONACHLOR	mg/kg	.000341	<	nv	.000341		.000334	<	nv	.000334		.000304	<	nv	.000304	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
1,2,4-Trichlorobenzene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
1,2-Dichlorobenzene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0341	<	nv	.0341		.038		nv	.033		.0368		nv	.0303	
1,4-Dichlorobenzene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
1-Chloronaphthalene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
1-Naphthylamine	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2,3,4,6-Tetrachlorophenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2,4,5-Trichlorophenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2,4,6-Trichlorophenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2,4-Dichlorophenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2,4-Dimethylphenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2,4-Dinitrophenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2,4-Dinitrotoluene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2,6-Dichlorophenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2,6-Dinitrotoluene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2-Chloronaphthalene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-181					FWS-183					FWS-184				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR181					CLNWR183					CLNWR184				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
cis-nonachlor	mg/kg	.00192		nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
delta-BHC	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
gamma-BHC (Lindane)	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
o,p'-DDD	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
o,p'-DDE	mg/kg	.000347	<	nv	.000347		.000341	<	nv	.000341		.000401		nv	.000311	
o,p'-DDT	mg/kg	.00112		nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
oxychlordane	mg/kg	.000554		nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
pentachloro-anisole	mg/kg	.000749		nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
trans-NONACHLOR	mg/kg	.00139		nv	.000347		.000341	<	nv	.000341		.000311	<	nv	.000311	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
1,2,4-Trichlorobenzene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
1,2-Dichlorobenzene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0343	<	nv	.0343		.0508		nv	.0344		.0311	<	nv	.0311	
1,4-Dichlorobenzene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
1-Chloronaphthalene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
1-Naphthylamine	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,3,4,6-Tetrachlorophenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4,5-Trichlorophenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4,6-Trichlorophenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4-Dichlorophenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4-Dimethylphenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4-Dinitrophenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4-Dinitrotoluene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,6-Dichlorophenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,6-Dinitrotoluene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Chloronaphthalene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-185					FWS-186					FWS-186				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR185					CL186DUP					CLNWR186				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
cis-nonachlor	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
delta-BHC	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
gamma-BHC (Lindane)	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
o,p'-DDD	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.000632		nv	.00035	
o,p'-DDE	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
o,p'-DDT	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
oxychlordane	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.00035	<	nv	.00035	
pentachloro-anisole	mg/kg	.000386	<	nv	.000386		.000343	<	nv	.000343		.000413		nv	.00035	
trans-NONACHLOR	mg/kg	.000492		nv	.000386		.000343	<	nv	.000343		.000527		nv	.00035	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
1,2,4-Trichlorobenzene	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
1,2-Dichlorobenzene	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0386	<	nv	.0386		.0385		nv	.0349		.0424		nv	.0348	
1,4-Dichlorobenzene	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
1-Chloronaphthalene	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
1-Naphthylamine	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
2,3,4,6-Tetrachlorophenol	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
2,4,5-Trichlorophenol	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
2,4,6-Trichlorophenol	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
2,4-Dichlorophenol	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
2,4-Dimethylphenol	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
2,4-Dinitrophenol	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
2,4-Dinitrotoluene	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
2,6-Dichlorophenol	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
2,6-Dinitrotoluene	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
2-Chloronaphthalene	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-187					FWS-188					FWS-197				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR187					CLNWR188					CLNWR197				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
cis-nonachlor	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
delta-BHC	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
gamma-BHC (Lindane)	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
o,p'-DDD	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
o,p'-DDE	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
o,p'-DDT	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
oxychlordane	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
pentachloro-anisole	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.000424		nv	.00033	
trans-NONACHLOR	mg/kg	.000339	<	nv	.000339		.000332	<	nv	.000332		.00033	<	nv	.00033	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
1,2,4-Trichlorobenzene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
1,2-Dichlorobenzene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0333	<	nv	.0333		.0527		nv	.0332		.0326	<	nv	.0326	
1,4-Dichlorobenzene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
1-Chloronaphthalene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
1-Naphthylamine	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2,3,4,6-Tetrachlorophenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2,4,5-Trichlorophenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2,4,6-Trichlorophenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2,4-Dichlorophenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2,4-Dimethylphenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2,4-Dinitrophenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2,4-Dinitrotoluene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2,6-Dichlorophenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2,6-Dinitrotoluene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2-Chloronaphthalene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-198					FWS-199					FWS-200				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR198					CLNWR199					CL200DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
cis-nonachlor	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
delta-BHC	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
gamma-BHC (Lindane)	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
o,p'-DDD	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
o,p'-DDE	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
o,p'-DDT	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
oxychlordane	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
pentachloro-anisole	mg/kg	.0004		nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
trans-NONACHLOR	mg/kg	.000322	<	nv	.000322		.000302	<	nv	.000302		.000396	<	nv	.000396	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
1,2,4-Trichlorobenzene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
1,2-Dichlorobenzene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0569		nv	.0319		.0642		nv	.0302		.0361	<	nv	.0361	
1,4-Dichlorobenzene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
1-Chloronaphthalene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
1-Naphthylamine	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2,3,4,6-Tetrachlorophenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2,4,5-Trichlorophenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2,4,6-Trichlorophenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2,4-Dichlorophenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2,4-Dimethylphenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2,4-Dinitrophenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2,4-Dinitrotoluene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2,6-Dichlorophenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2,6-Dinitrotoluene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2-Chloronaphthalene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-200					FWS-201					FWS-201				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR200					CL201DUP					CLNWR201				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
beta-BHC	mg/kg		.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
cis-nonachlor	mg/kg		.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
delta-BHC	mg/kg		.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
gamma-BHC (Lindane)	mg/kg		.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
o,p'-DDD	mg/kg		.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
o,p'-DDE	mg/kg		.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
o,p'-DDT	mg/kg		.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
oxychlordane	mg/kg		.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
pentachloro-anisole	mg/kg		.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
trans-NONACHLOR	mg/kg		.000346	<	nv	.000346		.000391	<	nv	.000391		.000372	<	nv	.000372	
SEMIVOLATILES																	
1,2,4,5-Tetrachloro-benzene	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
1,2,4-Trichlorobenzene	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
1,2-Dichlorobenzene	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
1,2-Diphenylhydrazine	mg/kg																
1,3-Dichlorobenzene	mg/kg		.0601		nv	.0345		.0394	<	nv	.0394		.0566		nv	.0379	
1,4-Dichlorobenzene	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
1-Chloronaphthalene	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
1-Naphthylamine	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2,3,4,6-Tetrachlorophenol	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2,4,5-Trichlorophenol	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2,4,6-Trichlorophenol	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2,4-Dichlorophenol	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2,4-Dimethylphenol	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2,4-Dinitrophenol	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2,4-Dinitrotoluene	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2,6-Dichlorophenol	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2,6-Dinitrotoluene	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2-Chloronaphthalene	mg/kg		.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-202					FWS-203					FWS-204				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR202					CLNWR203					CLNWR204				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
cis-nonachlor	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
delta-BHC	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
gamma-BHC (Lindane)	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
o,p'-DDD	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
o,p'-DDE	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
o,p'-DDT	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
oxychlordane	mg/kg	.000329	<	nv	.000329		.000304	<	nv	.000304		.000303	<	nv	.000303	
pentachloro-anisole	mg/kg	.000329	<	nv	.000329		.000406		nv	.000304		.000303	<	nv	.000303	
trans-NONACHLOR	mg/kg	.000329	<	nv	.000329		.000459		nv	.000304		.000303	<	nv	.000303	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
1,2,4-Trichlorobenzene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
1,2-Dichlorobenzene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0326	<	nv	.0326		.0322		nv	.0304		.0299	<	nv	.0299	
1,4-Dichlorobenzene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
1-Chloronaphthalene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
1-Naphthylamine	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2,3,4,6-Tetrachlorophenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2,4,5-Trichlorophenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2,4,6-Trichlorophenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2,4-Dichlorophenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2,4-Dimethylphenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2,4-Dinitrophenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2,4-Dinitrotoluene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2,6-Dichlorophenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2,6-Dinitrotoluene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2-Chloronaphthalene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-205					FWS-206					FWS-207				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR205					CLNWR206					CLNWR207				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
cis-nonachlor	mg/kg	.000301	<	nv	.000301		.000644		nv	.000402		.000787		nv	.000306	
delta-BHC	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
gamma-BHC (Lindane)	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
o,p'-DDD	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
o,p'-DDE	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
o,p'-DDT	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
oxychlordane	mg/kg	.000301	<	nv	.000301		.000402	<	nv	.000402		.000306	<	nv	.000306	
pentachloro-anisole	mg/kg	.00114		nv	.000301		.000402	<	nv	.000402		.000365		nv	.000306	
trans-NONACHLOR	mg/kg	.000301	<	nv	.000301		.000703		nv	.000402		.000518		nv	.000306	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
1,2,4-Trichlorobenzene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
1,2-Dichlorobenzene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
1,4-Dichlorobenzene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
1-Chloronaphthalene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
1-Naphthylamine	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2,3,4,6-Tetrachlorophenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2,4,5-Trichlorophenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2,4,6-Trichlorophenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2,4-Dichlorophenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2,4-Dimethylphenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2,4-Dinitrophenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2,4-Dinitrotoluene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2,6-Dichlorophenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2,6-Dinitrotoluene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2-Chloronaphthalene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	FWS-208					FWS-209					FWS-209				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	CLNWR208					CL209DUP					CLNWR209				
Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
cis-nonachlor	mg/kg	.000457		nv	.000373		.000488		nv	.000314		.000311	<	nv	.000311	
delta-BHC	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
gamma-BHC (Lindane)	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
o,p'-DDD	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
o,p'-DDE	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
o,p'-DDT	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
oxychlordane	mg/kg	.000373	<	nv	.000373		.000314	<	nv	.000314		.000311	<	nv	.000311	
pentachloro-anisole	mg/kg	.000373	<	nv	.000373		.000354		nv	.000314		.000311	<	nv	.000311	
trans-NONACHLOR	mg/kg	.00111		nv	.000373		.000343		nv	.000314		.000311	<	nv	.000311	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
1,2,4-Trichlorobenzene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
1,2-Dichlorobenzene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
1,4-Dichlorobenzene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
1-Chloronaphthalene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
1-Naphthylamine	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2,3,4,6-Tetrachlorophenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2,4,5-Trichlorophenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2,4,6-Trichlorophenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2,4-Dichlorophenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2,4-Dimethylphenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2,4-Dinitrophenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2,4-Dinitrotoluene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2,6-Dichlorophenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2,6-Dinitrotoluene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2-Chloronaphthalene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-210					FWS-211					FWS-212				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR210					CLNWR211					CLNWR212				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
cis-nonachlor	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
delta-BHC	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
gamma-BHC (Lindane)	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
o,p'-DDD	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
o,p'-DDE	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
o,p'-DDT	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
oxychlordane	mg/kg	.000301	<	nv	.000301		.000334	<	nv	.000334		.000296	<	nv	.000296	
pentachloro-anisole	mg/kg	.000301	<	nv	.000301		.000478		nv	.000334		.000296	<	nv	.000296	
trans-NONACHLOR	mg/kg	.000301	<	nv	.000301		.000737		nv	.000334		.000376		nv	.000296	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
1,2,4-Trichlorobenzene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
1,2-Dichlorobenzene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
1,4-Dichlorobenzene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
1-Chloronaphthalene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
1-Naphthylamine	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
2,3,4,6-Tetrachlorophenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
2,4,5-Trichlorophenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
2,4,6-Trichlorophenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
2,4-Dichlorophenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
2,4-Dimethylphenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
2,4-Dinitrophenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
2,4-Dinitrotoluene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
2,6-Dichlorophenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
2,6-Dinitrotoluene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
2-Chloronaphthalene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-213					FWS-214					FWS-214				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR213					CL214DUP					CLNWR214				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
cis-nonachlor	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
delta-BHC	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
gamma-BHC (Lindane)	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
o,p'-DDD	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
o,p'-DDE	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
o,p'-DDT	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
oxychlordane	mg/kg	.0003	<	nv	.0003		.000338	<	nv	.000338		.000311	<	nv	.000311	
pentachloro-anisole	mg/kg	.0003	<	nv	.0003		.00119		nv	.000338		.000311	<	nv	.000311	
trans-NONACHLOR	mg/kg	.0003	<	nv	.0003		.00099		nv	.000338		.000357		nv	.000311	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
1,2,4-Trichlorobenzene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
1,2-Dichlorobenzene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
1,4-Dichlorobenzene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
1-Chloronaphthalene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
1-Naphthylamine	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2,3,4,6-Tetrachlorophenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2,4,5-Trichlorophenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2,4,6-Trichlorophenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2,4-Dichlorophenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2,4-Dimethylphenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2,4-Dinitrophenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2,4-Dinitrotoluene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2,6-Dichlorophenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2,6-Dinitrotoluene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2-Chloronaphthalene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	FWS-216 Result	Qual	VQ	RL	MDL	FWS-217 Result	Qual	VQ	RL	MDL	FWS-218 Result	Qual	VQ	RL	MDL
Location Code:		FWS-216					FWS-217					FWS-218				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR216					CLNWR217					CLNWR218				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
PESTICIDES																
beta-BHC	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
cis-nonachlor	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
delta-BHC	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
gamma-BHC (Lindane)	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
o,p'-DDD	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
o,p'-DDE	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
o,p'-DDT	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
oxychlordane	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
pentachloro-anisole	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
trans-NONACHLOR	mg/kg	.000294	<	nv	.000294		.000398	<	nv	.000398		.000309	<	nv	.000309	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
1,2,4-Trichlorobenzene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
1,2-Dichlorobenzene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
1,4-Dichlorobenzene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
1-Chloronaphthalene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
1-Naphthylamine	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2,3,4,6-Tetrachlorophenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2,4,5-Trichlorophenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2,4,6-Trichlorophenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2,4-Dichlorophenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2,4-Dimethylphenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2,4-Dinitrophenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2,4-Dinitrotoluene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2,6-Dichlorophenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2,6-Dinitrotoluene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2-Chloronaphthalene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-219					FWS-223					FWS-226				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR219					CLNWR223					CLNWR226				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
cis-nonachlor	mg/kg	.000287	<	nv	.000287		.000617		nv	.000373		.000496		nv	.000351	
delta-BHC	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
gamma-BHC (Lindane)	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
o,p'-DDD	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
o,p'-DDE	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
o,p'-DDT	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.00102		nv	.000351	
oxychlordane	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
pentachloro-anisole	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000351	<	nv	.000351	
trans-NONACHLOR	mg/kg	.000287	<	nv	.000287		.000373	<	nv	.000373		.000836		nv	.000351	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
1,2,4-Trichlorobenzene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
1,2-Dichlorobenzene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0287	<	nv	.0287		.0408		nv	.0374		.0351	<	nv	.0351	
1,4-Dichlorobenzene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
1-Chloronaphthalene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
1-Naphthylamine	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2,3,4,6-Tetrachlorophenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2,4,5-Trichlorophenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2,4,6-Trichlorophenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2,4-Dichlorophenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2,4-Dimethylphenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2,4-Dinitrophenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2,4-Dinitrotoluene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2,6-Dichlorophenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2,6-Dinitrotoluene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2-Chloronaphthalene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-228					FWS-232					FWS-235				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR228					CLNWR232					CLNWR235				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
cis-nonachlor	mg/kg	.000475		nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
delta-BHC	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
gamma-BHC (Lindane)	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
o,p'-DDD	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
o,p'-DDE	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
o,p'-DDT	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
oxychlordane	mg/kg	.000419		nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
pentachloro-anisole	mg/kg	.000365	<	nv	.000365		.000339	<	nv	.000339		.000609		nv	.000328	
trans-NONACHLOR	mg/kg	.0016		nv	.000365		.000339	<	nv	.000339		.000328	<	nv	.000328	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
1,2,4-Trichlorobenzene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
1,2-Dichlorobenzene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
1,4-Dichlorobenzene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
1-Chloronaphthalene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
1-Naphthylamine	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2,3,4,6-Tetrachlorophenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2,4,5-Trichlorophenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2,4,6-Trichlorophenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2,4-Dichlorophenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2,4-Dimethylphenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2,4-Dinitrophenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2,4-Dinitrotoluene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2,6-Dichlorophenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2,6-Dinitrotoluene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2-Chloronaphthalene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-236					FWS-237					FWS-238				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR236					CLNWR237					CL238DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
cis-nonachlor	mg/kg	.000342	<	nv	.000342		.000673		nv	.000326		.000345	<	nv	.000345	
delta-BHC	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
gamma-BHC (Lindane)	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
o,p'-DDD	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
o,p'-DDE	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
o,p'-DDT	mg/kg	.00047		nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
oxychlordane	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
pentachloro-anisole	mg/kg	.000342	<	nv	.000342		.000326	<	nv	.000326		.000345	<	nv	.000345	
trans-NONACHLOR	mg/kg	.000342	<	nv	.000342		.00198		nv	.000326		.000345	<	nv	.000345	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
1,2,4-Trichlorobenzene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
1,2-Dichlorobenzene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0342	<	nv	.0342		.0415		nv	.0326		.0576		nv	.0341	
1,4-Dichlorobenzene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
1-Chloronaphthalene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
1-Naphthylamine	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2,3,4,6-Tetrachlorophenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2,4,5-Trichlorophenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2,4,6-Trichlorophenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
2,4-Dichlorophenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2,4-Dimethylphenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2,4-Dinitrophenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2,4-Dinitrotoluene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2,6-Dichlorophenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
2,6-Dinitrotoluene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2-Chloronaphthalene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-238					FWS-239					FWS-240				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR238					CLNWR239					CLNWR240				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
cis-nonachlor	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
delta-BHC	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
gamma-BHC (Lindane)	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
o,p'-DDD	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
o,p'-DDE	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
o,p'-DDT	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
oxychlordane	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
pentachloro-anisole	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
trans-NONACHLOR	mg/kg	.000351	<	nv	.000351		.000341	<	nv	.000341		.000356	<	nv	.000356	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
1,2,4-Trichlorobenzene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
1,2-Dichlorobenzene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
1,4-Dichlorobenzene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
1-Chloronaphthalene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
1-Naphthylamine	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2,3,4,6-Tetrachlorophenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2,4,5-Trichlorophenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2,4,6-Trichlorophenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2,4-Dichlorophenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2,4-Dimethylphenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2,4-Dinitrophenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2,4-Dinitrotoluene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2,6-Dichlorophenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2,6-Dinitrotoluene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2-Chloronaphthalene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-241					FWS-242					FWS-243				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR241					CLNWR242					CLNWR243				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
cis-nonachlor	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
delta-BHC	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
gamma-BHC (Lindane)	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
o,p'-DDD	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
o,p'-DDE	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
o,p'-DDT	mg/kg	.000845		nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
oxychlordane	mg/kg	.000353	<	nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
pentachloro-anisole	mg/kg	.000353	<	nv	.000353		.000413		nv	.000344		.000314	<	nv	.000314	
trans-NONACHLOR	mg/kg	.000631		nv	.000353		.000344	<	nv	.000344		.000314	<	nv	.000314	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
1,2,4-Trichlorobenzene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
1,2-Dichlorobenzene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
1,4-Dichlorobenzene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
1-Chloronaphthalene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
1-Naphthylamine	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,3,4,6-Tetrachlorophenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4,5-Trichlorophenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4,6-Trichlorophenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4-Dichlorophenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4-Dimethylphenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4-Dinitrophenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,4-Dinitrotoluene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,6-Dichlorophenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2,6-Dinitrotoluene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Chloronaphthalene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-244					FWS-245					HOSB17				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR244					CLNWR245					HOSB17(0-0.5)				
	Sample Date:	09-SEP-03					09-SEP-03					06-DEC-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
cis-nonachlor	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
delta-BHC	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
gamma-BHC (Lindane)	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
o,p'-DDD	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
o,p'-DDE	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
o,p'-DDT	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
oxychlordane	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
pentachloro-anisole	mg/kg	.00156		nv	.00037		.000331	<	nv	.000331						
trans-NONACHLOR	mg/kg	.00037	<	nv	.00037		.000331	<	nv	.000331						
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
1,2,4-Trichlorobenzene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
1,2-Dichlorobenzene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
1,4-Dichlorobenzene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
1-Chloronaphthalene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
1-Naphthylamine	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2,3,4,6-Tetrachlorophenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2,4,5-Trichlorophenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2,4,6-Trichlorophenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2,4-Dichlorophenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2,4-Dimethylphenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2,4-Dinitrophenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2,4-Dinitrotoluene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2,6-Dichlorophenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2,6-Dinitrotoluene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2-Chloronaphthalene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	HOSB18					LAP-31M1					LAP-31M2				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	HOSB18(0-0.5)					LAP-31M1					LAP-31M2				
	Sample Date:	06-DEC-00					12-JUL-00					12-JUL-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg						.36	U		.36		.34	U		.34	
1,2-Dichlorobenzene	mg/kg						.36	U		.36		.34	U		.34	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg						.36	U		.36		.34	U		.34	
1,4-Dichlorobenzene	mg/kg						.36	U		.36		.34	U		.34	
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg						.36	U		.36		.34	U		.34	
2,4,6-Trichlorophenol	mg/kg						.36	U		.36		.34	U		.34	
2,4-Dichlorophenol	mg/kg						.36	U		.36		.34	U		.34	
2,4-Dimethylphenol	mg/kg						.36	U		.36		.34	U		.34	
2,4-Dinitrophenol	mg/kg						2.2	U	UJL	2.2		2.1	U	UJL	2.1	
2,4-Dinitrotoluene	mg/kg						.36	U		.36		.34	U		.34	
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						.36	U		.36		.34	U		.34	
2-Chloronaphthalene	mg/kg						.36	U		.36		.34	U		.34	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LAP-35M2					LAP-39M1					LAP-81103				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-35M2					LAP-39M1					LAP-81103				
Sample Date:		12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
1,2-Dichlorobenzene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
1,4-Dichlorobenzene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2,4,6-Trichlorophenol	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2,4-Dichlorophenol	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2,4-Dimethylphenol	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2,4-Dinitrophenol	mg/kg	10	U	UJL	10		2.1	U	UJL	2.1		2.3	U		2.3	
2,4-Dinitrotoluene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2-Chloronaphthalene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LAP-81105					LAP-81109					LAP-81124				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-81105					LAP-81109					LAP-81124				
Sample Date:		10-JUL-00					11-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
1,2-Dichlorobenzene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
1,4-Dichlorobenzene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2,4,6-Trichlorophenol	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2,4-Dichlorophenol	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2,4-Dimethylphenol	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2,4-Dinitrophenol	mg/kg	2.4	U		2.4		22	U	UJL	22		2.2	U		2.2	
2,4-Dinitrotoluene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2-Chloronaphthalene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LAP-81127					LAP-81129					LAP-81130				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-81127					LAP-81129					LAP-81130				
Sample Date:		10-JUL-00					11-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
1,2-Dichlorobenzene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
1,4-Dichlorobenzene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2,4,6-Trichlorophenol	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2,4-Dichlorophenol	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2,4-Dimethylphenol	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2,4-Dinitrophenol	mg/kg	2.1	U		2.1		2.1	U	UJL	2.1		11	U	UJL	11	
2,4-Dinitrotoluene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2-Chloronaphthalene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81146					LAP-81147					LAP-81152				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81146					LAP-81147					LAP-81152-FD				
	Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	.34	U		.34		.35	U		.35						
1,2-Dichlorobenzene	mg/kg	.34	U		.34		.35	U		.35						
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.34	U		.34		.35	U		.35						
1,4-Dichlorobenzene	mg/kg	.34	U		.34		.35	U		.35						
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	.34	U		.34		.35	U		.35						
2,4,6-Trichlorophenol	mg/kg	.34	U		.34		.35	U		.35						
2,4-Dichlorophenol	mg/kg	.34	U		.34		.35	U		.35						
2,4-Dimethylphenol	mg/kg	.34	U		.34		.35	U		.35						
2,4-Dinitrophenol	mg/kg	2.1	U	UJL	2.1		2.2	U	UJL	2.2						
2,4-Dinitrotoluene	mg/kg	.34	U		.34		.35	U		.35						
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.34	U		.34		.35	U		.35						
2-Chloronaphthalene	mg/kg	.34	U		.34		.35	U		.35						

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LAP-81152					LAP-81155					LAP-81156				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81152					LAP-81155					LAP-81156				
	Sample Date:	12-JUL-00					12-JUL-00					12-JUL-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
1,2-Dichlorobenzene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
1,4-Dichlorobenzene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
2,4,6-Trichlorophenol	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
2,4-Dichlorophenol	mg/kg	.35	U	UJL	.35		.36	U		.36		.35	U		.35	
2,4-Dimethylphenol	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
2,4-Dinitrophenol	mg/kg	2.1	U		2.1		2.2	U	UJL	2.2		2.2	U	UJL	2.2	
2,4-Dinitrotoluene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
2-Chloronaphthalene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81158					XXSB15					XXSB16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81158					LHXX-SB15(0-2)					LHXX-SB16(0-3)				
	Sample Date:	12-JUL-00					09-MAR-93					09-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
1,2-Dichlorobenzene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
1,4-Dichlorobenzene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	.37	U		.37		1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
2,4,6-Trichlorophenol	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
2,4-Dichlorophenol	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
2,4-Dimethylphenol	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
2,4-Dinitrophenol	mg/kg	2.2	U	UJL	2.2		1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
2,4-Dinitrotoluene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
2-Chloronaphthalene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB16					XXSB17					XXSB18				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB16-N00					LHXX-SB17(0-2)					LHXX-SB18 (0-2)				
	Sample Date:	22-AUG-94					09-MAR-93					10-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
1,2-Dichlorobenzene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
1,4-Dichlorobenzene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg						1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
2,4,6-Trichlorophenol	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
2,4-Dichlorophenol	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
2,4-Dimethylphenol	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
2,4-Dinitrophenol	mg/kg						1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
2,4-Dinitrotoluene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
2-Chloronaphthalene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	XXSB18					XXSB19					XXSB19				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB18-N00					LHXX-SB19(0-2.5					C940822-XXSB19-N00				
	Sample Date:	22-AUG-94					09-MAR-93					22-AUG-94				
	Sample Depth:	.0 - 0					.0 - 2.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg						.33	<	U	.33	-99					
1,2-Dichlorobenzene	mg/kg						.33	<	U	.33	-99					
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg						.33	<	U	.33	-99					
1,4-Dichlorobenzene	mg/kg						.33	<	U	.33	-99					
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg						1.65	<	U	1.65	-99					
2,4,6-Trichlorophenol	mg/kg						.33	<	U	.33	-99					
2,4-Dichlorophenol	mg/kg						.33	<	U	.33	-99					
2,4-Dimethylphenol	mg/kg						.33	<	U	.33	-99					
2,4-Dinitrophenol	mg/kg						1.65	<	U	1.65	-99					
2,4-Dinitrotoluene	mg/kg						.33	<	U	.33	-99					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						.33	<	U	.33	-99					
2-Chloronaphthalene	mg/kg						.33	<	U	.33	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	XXSB20					XXSB20					XXSB21				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB20(0-2.5					C940823-XXSB20-N00					LHXX-SB21(0-2.5				
	Sample Date:	10-MAR-93					23-AUG-94					10-MAR-93				
	Sample Depth:	.0 - 2.5					.0 - 0					.0 - 2.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
1,2-Dichlorobenzene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
1,2-Diphenylhydrazine	mg/kg						.48	<	U	.48						
1,3-Dichlorobenzene	mg/kg	.33	<	U	.33	-99	2.335	<	U	2.335		.33	<	U	.33	-99
1,4-Dichlorobenzene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
1-Chloronaphthalene	mg/kg						.954	<	U	.954						
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.65	<	U	1.65	-99	.48	<	U	.48		1.65	<	U	1.65	-99
2,4,6-Trichlorophenol	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
2,4-Dichlorophenol	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
2,4-Dimethylphenol	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
2,4-Dinitrophenol	mg/kg	1.65	<	U	1.65	-99	1.2	<	U	1.2		1.65	<	U	1.65	-99
2,4-Dinitrotoluene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
2-Chloronaphthalene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB21					XXSB21					XXSD16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB21(0-2.5QC					C940823-XXSB21-N00					LHXX-SD16				
	Sample Date:	10-MAR-93					23-AUG-94					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2.5					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
beta-BHC	mg/kg															
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
o,p'-DDD	mg/kg															
o,p'-DDE	mg/kg															
o,p'-DDT	mg/kg															
oxychlordane	mg/kg															
pentachloro-anisole	mg/kg															
trans-NONACHLOR	mg/kg															
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg															
1,2,4-Trichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
1,2-Dichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
1,4-Dichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
2,4,6-Trichlorophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2,4-Dichlorophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2,4-Dimethylphenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2,4-Dinitrophenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
2,4-Dinitrotoluene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2-Chloronaphthalene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:			11SB03					11SB04					11SB04				
Associated Site:			Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:			LH11-SB03 (0-2)					LH11-SB04 (0-2)					C940822-11SB04-N00				
Sample Date:			03-MAR-93					03-MAR-93					22-AUG-94				
Sample Depth:			.0 - 2					.0 - 2					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2-Methylnaphthalene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2-Methylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
2-Nitrophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.65	<	U	.65	-99	.65	<	U	.65	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
4,6-Dinitro-2-methylphenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
4-Chloro-3-methylphenol	mg/kg	.65	<	U	.65	-99	.65	<	U	.65	-99					
4-Chloroaniline	mg/kg	.65	<	U	.65	-99	.65	<	U	.65	-99					
4-Chlorophenyl phenyl ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
4-Methylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
4-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
4-Nitrophenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Acenaphthylene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Benzo(a)pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Benzo(b)fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Benzo(ghi)perylene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB05					11SB05					11SB06				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH11-SB05 (0-2)					C940822-11SB05-N00					LH11-SB06 (0-2)				
	Sample Date:	04-MAR-93					22-AUG-94					04-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2-Methylnaphthalene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2-Methylphenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
2-Nitrophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.65	<	U	.65	-99						.65	<	U	.65	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
4,6-Dinitro-2-methylphenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
4-Chloro-3-methylphenol	mg/kg	.65	<	U	.65	-99						.65	<	U	.65	-99
4-Chloroaniline	mg/kg	.65	<	U	.65	-99						.65	<	U	.65	-99
4-Chlorophenyl phenyl ether	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
4-Methylphenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
4-Nitroaniline	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
4-Nitrophenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Acenaphthylene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Benzo(a)pyrene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Benzo(b)fluoranthene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Benzo(ghi)perylene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																					
Location Code:		11SB06					11SD13					11WW01				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		C940822-11SB06-N00					LH11-SD13					11WW01 (0-2')				
Sample Date:		22-AUG-94					31-MAR-93					22-AUG-94				
Sample Depth:		.0 - 0					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
2-Methylnaphthalene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
2-Methylphenol	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						1.65	<	U	1.65	-99	.95	<	U	.95	-99
2-Nitrophenol	mg/kg						.33	<	U	.33	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.65	<	U	.65	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						1.65	<	U	1.65	-99	.95	<	U	.95	-99
4,6-Dinitro-2-methylphenol	mg/kg						1.65	<	U	1.65	-99	.95	<	U	.95	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.33	<	U	.33	-99					
4-Chloro-3-methylphenol	mg/kg						.65	<	U	.65	-99	.38	<	U	.38	-99
4-Chloroaniline	mg/kg						.65	<	U	.65	-99	.38	<	U	.38	-99
4-Chlorophenyl phenyl ether	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
4-Methylphenol	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
4-Nitroaniline	mg/kg						1.65	<	U	1.65	-99	.95	<	U	.95	-99
4-Nitrophenol	mg/kg						1.65	<	U	1.65	-99	.95	<	U	.95	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Acenaphthylene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Benzo(a)pyrene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Benzo(b)fluoranthene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Benzo(ghi)perylene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		11WW02					11WW03					27SB03				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		11WW02 (0-2')					11WW03 (0-2')					27SB03 (0-0.5)				
Sample Date:		20-AUG-94					21-AUG-94					04-OCT-00				
Sample Depth:		.0 - 2					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
2-Methylnaphthalene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
2-Methylphenol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.95	<	U	.95	-99	.94	<	U	.94	-99					
2-Nitrophenol	mg/kg															
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.95	<	U	.95	-99	.94	<	U	.94	-99					
4,6-Dinitro-2-methylphenol	mg/kg	.95	<	U	.95	-99	.94	<	U	.94	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg															
4-Chloro-3-methylphenol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
4-Chloroaniline	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
4-Chlorophenyl phenyl ether	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
4-Methylphenol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
4-Nitroaniline	mg/kg	.95	<	U	.95	-99	.94	<	U	.94	-99					
4-Nitrophenol	mg/kg	.95	<	U	.95	-99	.94	<	U	.94	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Acenaphthylene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Benzo(a)pyrene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Benzo(b)fluoranthene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Benzo(ghi)perylene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB03					27SB03					27SB05				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB03 (0-0.5)QC					27SB03 (1-2)					27SB05 (0-0.5)				
		Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
2-Chlorophenol	mg/kg																
2-Methylnaphthalene	mg/kg																
2-Methylphenol	mg/kg																
2-Naphthylamine	mg/kg																
2-Nitroaniline	mg/kg																
2-Nitrophenol	mg/kg																
2-Picoline	mg/kg																
3,3'-Dichlorobenzidine	mg/kg																
3-Methylcholanthrene	mg/kg																
3-Nitroaniline	mg/kg																
4,6-Dinitro-2-methylphenol	mg/kg																
4-Aminobiphenyl	mg/kg																
4-Bromophenyl phenyl ether	mg/kg																
4-Chloro-3-methylphenol	mg/kg																
4-Chloroaniline	mg/kg																
4-Chlorophenyl phenyl ether	mg/kg																
4-Methylphenol	mg/kg																
4-Nitroaniline	mg/kg																
4-Nitrophenol	mg/kg																
7,12-Dimethylbenz(a)-anthracene	mg/kg																
Acenaphthene	mg/kg																
Acenaphthylene	mg/kg																
Acentophenone	mg/kg																
Aniline	mg/kg																
Anthracene	mg/kg																
Benzidine	mg/kg																
Benzo(a)anthracene	mg/kg																
Benzo(a)pyrene	mg/kg																
Benzo(b)fluoranthene	mg/kg																
Benzo(ghi)perylene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB05					27SB05					27SB11				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB05 (0-0.5)QC					27SB05 (1-2)					27SB11 (0-0.5)				
	Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg															
2-Methylnaphthalene	mg/kg															
2-Methylphenol	mg/kg															
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg															
2-Nitrophenol	mg/kg															
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg															
4,6-Dinitro-2-methylphenol	mg/kg															
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg															
4-Chloro-3-methylphenol	mg/kg															
4-Chloroaniline	mg/kg															
4-Chlorophenyl phenyl ether	mg/kg															
4-Methylphenol	mg/kg															
4-Nitroaniline	mg/kg															
4-Nitrophenol	mg/kg															
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg															
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg															
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg															
Benzo(a)pyrene	mg/kg															
Benzo(b)fluoranthene	mg/kg															
Benzo(ghi)perylene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:		27SB11					27SB11					27SB34				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		27SB11 (0-0.5)QC					27SB11 (1-2)					LH27-SB34(0-3)				
Sample Date:		04-OCT-00					04-OCT-00					19-MAR-93				
Sample Depth:		.0 - 0.5					1.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg											.33	<	U	.33	-99
2-Methylnaphthalene	mg/kg											.33	<	U	.33	-99
2-Methylphenol	mg/kg											.33	<	U	.33	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg											1.65	<	U	1.65	-99
2-Nitrophenol	mg/kg											.33	<	U	.33	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg											.65	<	U	.65	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg											1.65	<	U	1.65	-99
4,6-Dinitro-2-methylphenol	mg/kg											1.65	<	U	1.65	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg											.33	<	U	.33	-99
4-Chloro-3-methylphenol	mg/kg											.65	<	U	.65	-99
4-Chloroaniline	mg/kg											.65	<	U	.65	-99
4-Chlorophenyl phenyl ether	mg/kg											.33	<	U	.33	-99
4-Methylphenol	mg/kg											.33	<	U	.33	-99
4-Nitroaniline	mg/kg											1.65	<	U	1.65	-99
4-Nitrophenol	mg/kg											1.65	<	U	1.65	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg											.33	<	U	.33	-99
Acenaphthylene	mg/kg											.33	<	U	.33	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg											.33	<	U	.33	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg											.33	<	U	.33	-99
Benzo(a)pyrene	mg/kg											.33	<	U	.33	-99
Benzo(b)fluoranthene	mg/kg											.33	<	U	.33	-99
Benzo(ghi)perylene	mg/kg											.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		27SB34					27SB38					27WW01				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LH27-SB34(0-3)QQC					LH27-SB38(0-2)					27WW01 (0-2')				
Sample Date:		19-MAR-93					20-MAR-93					18-AUG-94				
Sample Depth:		.0 - 3					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2-Methylnaphthalene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2-Methylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
2-Nitrophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.65	<	U	.65	-99	.65	<	U	.65	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
4,6-Dinitro-2-methylphenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
4-Chloro-3-methylphenol	mg/kg	.65	<	U	.65	-99	.65	<	U	.65	-99					
4-Chloroaniline	mg/kg	.65	<	U	.65	-99	.65	<	U	.65	-99					
4-Chlorophenyl phenyl ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
4-Methylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
4-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
4-Nitrophenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Acenaphthylene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Benzo(a)pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Benzo(b)fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Benzo(ghi)perylene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS01					400ASS01					400ASS02				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS01(0-0.5)					400ASS01(0-0.5)QC					400ASS02(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg															
2-Methylnaphthalene	mg/kg															
2-Methylphenol	mg/kg															
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg															
2-Nitrophenol	mg/kg															
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg															
4,6-Dinitro-2-methylphenol	mg/kg															
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg															
4-Chloro-3-methylphenol	mg/kg															
4-Chloroaniline	mg/kg															
4-Chlorophenyl phenyl ether	mg/kg															
4-Methylphenol	mg/kg															
4-Nitroaniline	mg/kg															
4-Nitrophenol	mg/kg															
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Acenaphthylene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Benzo(a)pyrene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Benzo(b)fluoranthene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Benzo(ghi)perylene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS03					400ASS04					400ASS05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS03(0-0.5)					400ASS04(0-0.5)					400ASS05(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg															
2-Methylnaphthalene	mg/kg															
2-Methylphenol	mg/kg															
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg															
2-Nitrophenol	mg/kg															
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg															
4,6-Dinitro-2-methylphenol	mg/kg															
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg															
4-Chloro-3-methylphenol	mg/kg															
4-Chloroaniline	mg/kg															
4-Chlorophenyl phenyl ether	mg/kg															
4-Methylphenol	mg/kg															
4-Nitroaniline	mg/kg															
4-Nitrophenol	mg/kg															
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Acenaphthylene	mg/kg	.038	<	U	.038	.038	.23			.036	.036	.038	<	U	.038	.038
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Benzo(a)pyrene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Benzo(b)fluoranthene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Benzo(ghi)perylene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS06					400ASS06					FWS-003				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS06(0-0.5)					C981204-400ASS06-N00					C-SS-003				
	Sample Date:	26-JUL-98					04-DEC-98					27-AUG-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg											.216	<	nv	.216	
2-Methylnaphthalene	mg/kg											.216	<	nv	.216	
2-Methylphenol	mg/kg											.216	<	nv	.216	
2-Naphthylamine	mg/kg											.216	<	nv	.216	
2-Nitroaniline	mg/kg											.216	<	nv	.216	
2-Nitrophenol	mg/kg											.216	<	nv	.216	
2-Picoline	mg/kg											.216	<	nv	.216	
3,3'-Dichlorobenzidine	mg/kg											.216	<	nv	.216	
3-Methylcholanthrene	mg/kg											.216	<	nv	.216	
3-Nitroaniline	mg/kg											.216	<	nv	.216	
4,6-Dinitro-2-methylphenol	mg/kg											.216	<	nv	.216	
4-Aminobiphenyl	mg/kg											.216	<	nv	.216	
4-Bromophenyl phenyl ether	mg/kg											.216	<	nv	.216	
4-Chloro-3-methylphenol	mg/kg											.216	<	nv	.216	
4-Chloroaniline	mg/kg											.216	<	nv	.216	
4-Chlorophenyl phenyl ether	mg/kg											.216	<	nv	.216	
4-Methylphenol	mg/kg											.216	<	nv	.216	
4-Nitroaniline	mg/kg											.216	<	nv	.216	
4-Nitrophenol	mg/kg											.216	<	nv	.216	
7,12-Dimethylbenz(a)-anthracene	mg/kg											.216	<	nv	.216	
Acenaphthene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Acenaphthylene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Acentophenone	mg/kg											.216	<	nv	.216	
Aniline	mg/kg											.216	<	nv	.216	
Anthracene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Benzidine	mg/kg											.216	<	nv	.216	
Benzo(a)anthracene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Benzo(a)pyrene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Benzo(b)fluoranthene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Benzo(ghi)perylene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-004					FWS-005					FWS-041				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-004					C-SS-005					C-SS-041				
	Sample Date:	27-AUG-02					27-AUG-02					25-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2-Methylnaphthalene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2-Methylphenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2-Naphthylamine	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2-Nitroaniline	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2-Nitrophenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
2-Picoline	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
3,3'-Dichlorobenzidine	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
3-Methylcholanthrene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
3-Nitroaniline	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
4,6-Dinitro-2-methylphenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
4-Aminobiphenyl	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
4-Bromophenyl phenyl ether	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
4-Chloro-3-methylphenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
4-Chloroaniline	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
4-Chlorophenyl phenyl ether	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
4-Methylphenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
4-Nitroaniline	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
4-Nitrophenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Acenaphthene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Acenaphthylene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Acentophenone	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Aniline	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Anthracene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Benzidine	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Benzo(a)anthracene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Benzo(a)pyrene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Benzo(b)fluoranthene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Benzo(ghi)perylene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-042					FWS-043					FWS-050				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-042					C-SS-043					CLNWR050				
	Sample Date:	25-SEP-02					25-SEP-02					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2-Methylnaphthalene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2-Methylphenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2-Naphthylamine	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2-Nitroaniline	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2-Nitrophenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
2-Picoline	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0727		nv	.0351	
3,3'-Dichlorobenzidine	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
3-Methylcholanthrene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
3-Nitroaniline	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
4,6-Dinitro-2-methylphenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
4-Aminobiphenyl	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
4-Bromophenyl phenyl ether	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
4-Chloro-3-methylphenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0458		nv	.0351	
4-Chloroaniline	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
4-Chlorophenyl phenyl ether	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
4-Methylphenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
4-Nitroaniline	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
4-Nitrophenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Acenaphthene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Acenaphthylene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Acentophenone	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Aniline	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Anthracene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Benzidine	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Benzo(a)anthracene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Benzo(a)pyrene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Benzo(b)fluoranthene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Benzo(ghi)perylene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-051					FWS-055					FWS-056				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR051					CLNWR055					CL056DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2-Methylnaphthalene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0829		nv	.0313	
2-Methylphenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2-Naphthylamine	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2-Nitroaniline	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2-Nitrophenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
2-Picoline	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
3,3'-Dichlorobenzidine	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
3-Methylcholanthrene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
3-Nitroaniline	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
4,6-Dinitro-2-methylphenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
4-Aminobiphenyl	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
4-Bromophenyl phenyl ether	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
4-Chloro-3-methylphenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
4-Chloroaniline	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
4-Chlorophenyl phenyl ether	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
4-Methylphenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
4-Nitroaniline	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
4-Nitrophenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Acenaphthene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Acenaphthylene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Acentophenone	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Aniline	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Anthracene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Benzidine	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Benzo(a)anthracene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Benzo(a)pyrene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Benzo(b)fluoranthene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Benzo(ghi)perylene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-056					FWS-062					FWS-063				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR056					CLNWR062					CLNWR063				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2-Methylnaphthalene	mg/kg	.0678		nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2-Methylphenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2-Naphthylamine	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2-Nitroaniline	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2-Nitrophenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
2-Picoline	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
3,3'-Dichlorobenzidine	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
3-Methylcholanthrene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
3-Nitroaniline	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
4,6-Dinitro-2-methylphenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
4-Aminobiphenyl	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
4-Bromophenyl phenyl ether	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
4-Chloro-3-methylphenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
4-Chloroaniline	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
4-Chlorophenyl phenyl ether	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
4-Methylphenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
4-Nitroaniline	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
4-Nitrophenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Acenaphthene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Acenaphthylene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Acentophenone	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Aniline	mg/kg	.0521		nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Anthracene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Benzidine	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Benzo(a)anthracene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Benzo(a)pyrene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Benzo(b)fluoranthene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Benzo(ghi)perylene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-073					FWS-074					FWS-075				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR073					CLNWR074					CL075DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2-Methylnaphthalene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2-Methylphenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2-Naphthylamine	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2-Nitroaniline	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2-Nitrophenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
2-Picoline	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
3,3'-Dichlorobenzidine	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
3-Methylcholanthrene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
3-Nitroaniline	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
4,6-Dinitro-2-methylphenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
4-Aminobiphenyl	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
4-Bromophenyl phenyl ether	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
4-Chloro-3-methylphenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
4-Chloroaniline	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
4-Chlorophenyl phenyl ether	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
4-Methylphenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
4-Nitroaniline	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
4-Nitrophenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Acenaphthene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Acenaphthylene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Acentophenone	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Aniline	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Anthracene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Benzidine	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Benzo(a)anthracene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Benzo(a)pyrene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Benzo(b)fluoranthene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Benzo(ghi)perylene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-075					FWS-076					FWS-077				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR075					CLNWR076					CLNWR077				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2-Methylnaphthalene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2-Methylphenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2-Naphthylamine	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2-Nitroaniline	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2-Nitrophenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
2-Picoline	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
3,3'-Dichlorobenzidine	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
3-Methylcholanthrene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
3-Nitroaniline	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
4,6-Dinitro-2-methylphenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
4-Aminobiphenyl	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
4-Bromophenyl phenyl ether	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
4-Chloro-3-methylphenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
4-Chloroaniline	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
4-Chlorophenyl phenyl ether	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
4-Methylphenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
4-Nitroaniline	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
4-Nitrophenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Acenaphthene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Acenaphthylene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Acentophenone	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Aniline	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Anthracene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Benzidine	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Benzo(a)anthracene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Benzo(a)pyrene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Benzo(b)fluoranthene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Benzo(ghi)perylene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-078					FWS-079					FWS-080				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR078					CLNWR079					CLNWR080				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2-Methylnaphthalene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2-Methylphenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2-Naphthylamine	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2-Nitroaniline	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2-Nitrophenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
2-Picoline	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
3,3'-Dichlorobenzidine	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
3-Methylcholanthrene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
3-Nitroaniline	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
4,6-Dinitro-2-methylphenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
4-Aminobiphenyl	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
4-Bromophenyl phenyl ether	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
4-Chloro-3-methylphenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
4-Chloroaniline	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
4-Chlorophenyl phenyl ether	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
4-Methylphenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
4-Nitroaniline	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
4-Nitrophenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Acenaphthene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Acenaphthylene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Acentophenone	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Aniline	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Anthracene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Benzidine	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Benzo(a)anthracene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Benzo(a)pyrene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Benzo(b)fluoranthene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Benzo(ghi)perylene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-081					FWS-082					FWS-083				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR081					CLNWR082					CLNWR083				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2-Methylnaphthalene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2-Methylphenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2-Naphthylamine	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2-Nitroaniline	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2-Nitrophenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
2-Picoline	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
3,3'-Dichlorobenzidine	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
3-Methylcholanthrene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
3-Nitroaniline	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
4,6-Dinitro-2-methylphenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
4-Aminobiphenyl	mg/kg	.0383		nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
4-Bromophenyl phenyl ether	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
4-Chloro-3-methylphenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
4-Chloroaniline	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
4-Chlorophenyl phenyl ether	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
4-Methylphenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
4-Nitroaniline	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
4-Nitrophenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Acenaphthene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Acenaphthylene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Acentophenone	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Aniline	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Anthracene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Benzidine	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Benzo(a)anthracene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Benzo(a)pyrene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Benzo(b)fluoranthene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Benzo(ghi)perylene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-084					FWS-085					FWS-086				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR084					CLNWR085					CLNWR086				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2-Methylnaphthalene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2-Methylphenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2-Naphthylamine	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2-Nitroaniline	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2-Nitrophenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
2-Picoline	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
3,3'-Dichlorobenzidine	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
3-Methylcholanthrene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
3-Nitroaniline	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
4,6-Dinitro-2-methylphenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
4-Aminobiphenyl	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
4-Bromophenyl phenyl ether	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
4-Chloro-3-methylphenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
4-Chloroaniline	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
4-Chlorophenyl phenyl ether	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
4-Methylphenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
4-Nitroaniline	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
4-Nitrophenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Acenaphthene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Acenaphthylene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Acentophenone	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Aniline	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Anthracene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Benzidine	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Benzo(a)anthracene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Benzo(a)pyrene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Benzo(b)fluoranthene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Benzo(ghi)perylene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-087					FWS-095					FWS-098				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR087					CLNWR095					CLNWR098				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2-Methylnaphthalene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2-Methylphenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2-Naphthylamine	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2-Nitroaniline	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2-Nitrophenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
2-Picoline	mg/kg	.0301	<	nv	.0301		.201		nv	.0348		.0316	<	nv	.0316	
3,3'-Dichlorobenzidine	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
3-Methylcholanthrene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
3-Nitroaniline	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
4,6-Dinitro-2-methylphenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
4-Aminobiphenyl	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
4-Bromophenyl phenyl ether	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
4-Chloro-3-methylphenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
4-Chloroaniline	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
4-Chlorophenyl phenyl ether	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
4-Methylphenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
4-Nitroaniline	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
4-Nitrophenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Acenaphthene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Acenaphthylene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Acentophenone	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Aniline	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.558		nv	.0316	
Anthracene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Benzidine	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Benzo(a)anthracene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Benzo(a)pyrene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Benzo(b)fluoranthene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Benzo(ghi)perylene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:			FWS-102					FWS-103					FWS-104							
Associated Site:			Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area							
Sample No:			CLNWR102					CLNWR103					CLNWR104							
Sample Date:			09-SEP-03					09-SEP-03					09-SEP-03							
Sample Depth:			.0 - 0.5					.0 - 0.5					.0 - 0.5							
Parameter	*Units*		*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*			
SEMIVOLATILES																				
2-Chlorophenol	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
2-Methylnaphthalene	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
2-Methylphenol	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
2-Naphthylamine	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
2-Nitroaniline	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
2-Nitrophenol	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
2-Picoline	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
3,3'-Dichlorobenzidine	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
3-Methylcholanthrene	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349				
3-Nitroaniline	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
4,6-Dinitro-2-methylphenol	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349				
4-Aminobiphenyl	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
4-Bromophenyl phenyl ether	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
4-Chloro-3-methylphenol	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349				
4-Chloroaniline	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
4-Chlorophenyl phenyl ether	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
4-Methylphenol	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
4-Nitroaniline	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
4-Nitrophenol	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
7,12-Dimethylbenz(a)-anthracene	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
Acenaphthene	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
Acenaphthylene	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
Acentophenone	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
Aniline	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
Anthracene	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
Benzidine	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
Benzo(a)anthracene	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
Benzo(a)pyrene	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349				
Benzo(b)fluoranthene	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349				
Benzo(ghi)perylene	mg/kg		.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349				

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-105					FWS-106					FWS-107				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR105					CLNWR106					CLNWR107				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2-Methylnaphthalene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2-Methylphenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2-Naphthylamine	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2-Nitroaniline	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2-Nitrophenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
2-Picoline	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
3,3'-Dichlorobenzidine	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
3-Methylcholanthrene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
3-Nitroaniline	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
4,6-Dinitro-2-methylphenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
4-Aminobiphenyl	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
4-Bromophenyl phenyl ether	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
4-Chloro-3-methylphenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
4-Chloroaniline	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
4-Chlorophenyl phenyl ether	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
4-Methylphenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
4-Nitroaniline	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
4-Nitrophenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Acenaphthene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Acenaphthylene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Acentophenone	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Aniline	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Anthracene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Benzidine	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Benzo(a)anthracene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Benzo(a)pyrene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Benzo(b)fluoranthene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Benzo(ghi)perylene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-109					FWS-110					FWS-111				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR109					CLNWR110					CLNWR111				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2-Methylnaphthalene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2-Methylphenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2-Naphthylamine	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2-Nitroaniline	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2-Nitrophenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
2-Picoline	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0394		nv	.0278	
3,3'-Dichlorobenzidine	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
3-Methylcholanthrene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
3-Nitroaniline	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
4,6-Dinitro-2-methylphenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
4-Aminobiphenyl	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
4-Bromophenyl phenyl ether	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
4-Chloro-3-methylphenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
4-Chloroaniline	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
4-Chlorophenyl phenyl ether	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
4-Methylphenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
4-Nitroaniline	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
4-Nitrophenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Acenaphthene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Acenaphthylene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Acentophenone	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Aniline	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Anthracene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Benzidine	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Benzo(a)anthracene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Benzo(a)pyrene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Benzo(b)fluoranthene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Benzo(ghi)perylene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-120					FWS-127					FWS-136				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR120					CLNWR127					CLNWR136				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2-Methylnaphthalene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2-Methylphenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2-Naphthylamine	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2-Nitroaniline	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2-Nitrophenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
2-Picoline	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
3,3'-Dichlorobenzidine	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
3-Methylcholanthrene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
3-Nitroaniline	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
4,6-Dinitro-2-methylphenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
4-Aminobiphenyl	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
4-Bromophenyl phenyl ether	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
4-Chloro-3-methylphenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
4-Chloroaniline	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
4-Chlorophenyl phenyl ether	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
4-Methylphenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
4-Nitroaniline	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
4-Nitrophenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Acenaphthene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Acenaphthylene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Acentophenone	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Aniline	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Anthracene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Benzidine	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Benzo(a)anthracene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Benzo(a)pyrene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Benzo(b)fluoranthene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Benzo(ghi)perylene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-140					FWS-140					FWS-141				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CL140DUP					CLNWR140					CLNWR141				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2-Methylnaphthalene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2-Methylphenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2-Naphthylamine	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2-Nitroaniline	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2-Nitrophenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
2-Picoline	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
3,3'-Dichlorobenzidine	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
3-Methylcholanthrene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
3-Nitroaniline	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
4,6-Dinitro-2-methylphenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
4-Aminobiphenyl	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
4-Bromophenyl phenyl ether	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
4-Chloro-3-methylphenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
4-Chloroaniline	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
4-Chlorophenyl phenyl ether	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
4-Methylphenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
4-Nitroaniline	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
4-Nitrophenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Acenaphthene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Acenaphthylene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Acentophenone	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Aniline	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Anthracene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Benzidine	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Benzo(a)anthracene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Benzo(a)pyrene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Benzo(b)fluoranthene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Benzo(ghi)perylene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-142					FWS-143					FWS-144				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR142					CLNWR143					CLNWR144				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2-Methylnaphthalene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2-Methylphenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2-Naphthylamine	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2-Nitroaniline	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2-Nitrophenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
2-Picoline	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
3,3'-Dichlorobenzidine	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
3-Methylcholanthrene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
3-Nitroaniline	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
4,6-Dinitro-2-methylphenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
4-Aminobiphenyl	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
4-Bromophenyl phenyl ether	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
4-Chloro-3-methylphenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
4-Chloroaniline	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
4-Chlorophenyl phenyl ether	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
4-Methylphenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
4-Nitroaniline	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
4-Nitrophenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Acenaphthene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Acenaphthylene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Acentophenone	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Aniline	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Anthracene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Benzidine	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Benzo(a)anthracene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Benzo(a)pyrene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Benzo(b)fluoranthene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Benzo(ghi)perylene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-145					FWS-146					FWS-147				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR145					CLNWR146					CLNWR147				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2-Methylnaphthalene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2-Methylphenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2-Naphthylamine	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2-Nitroaniline	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2-Nitrophenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
2-Picoline	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
3,3'-Dichlorobenzidine	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
3-Methylcholanthrene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
3-Nitroaniline	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
4,6-Dinitro-2-methylphenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
4-Aminobiphenyl	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
4-Bromophenyl phenyl ether	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
4-Chloro-3-methylphenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
4-Chloroaniline	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
4-Chlorophenyl phenyl ether	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
4-Methylphenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
4-Nitroaniline	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
4-Nitrophenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Acenaphthene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Acenaphthylene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Acentophenone	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Aniline	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Anthracene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Benzidine	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Benzo(a)anthracene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Benzo(a)pyrene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Benzo(b)fluoranthene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Benzo(ghi)perylene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-148					FWS-150					FWS-151				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR148					CLNWR150					CLNWR151				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2-Methylnaphthalene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2-Methylphenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2-Naphthylamine	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2-Nitroaniline	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2-Nitrophenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
2-Picoline	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
3,3'-Dichlorobenzidine	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
3-Methylcholanthrene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
3-Nitroaniline	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
4,6-Dinitro-2-methylphenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
4-Aminobiphenyl	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
4-Bromophenyl phenyl ether	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
4-Chloro-3-methylphenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
4-Chloroaniline	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
4-Chlorophenyl phenyl ether	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
4-Methylphenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
4-Nitroaniline	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
4-Nitrophenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Acenaphthene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Acenaphthylene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Acentophenone	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Aniline	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Anthracene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Benzidine	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Benzo(a)anthracene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Benzo(a)pyrene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Benzo(b)fluoranthene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Benzo(ghi)perylene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-152					FWS-152					FWS-155				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CL152DUP					CLNWR152					CLNWR155				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2-Methylnaphthalene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2-Methylphenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2-Naphthylamine	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2-Nitroaniline	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2-Nitrophenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
2-Picoline	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
3,3'-Dichlorobenzidine	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
3-Methylcholanthrene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
3-Nitroaniline	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
4,6-Dinitro-2-methylphenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
4-Aminobiphenyl	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
4-Bromophenyl phenyl ether	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
4-Chloro-3-methylphenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
4-Chloroaniline	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
4-Chlorophenyl phenyl ether	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
4-Methylphenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
4-Nitroaniline	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
4-Nitrophenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Acenaphthene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Acenaphthylene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Acentophenone	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Aniline	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Anthracene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Benzidine	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Benzo(a)anthracene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Benzo(a)pyrene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Benzo(b)fluoranthene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Benzo(ghi)perylene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-156					FWS-158					FWS-159				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR156					CLNWR158					CLNWR159				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2-Methylnaphthalene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2-Methylphenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2-Naphthylamine	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2-Nitroaniline	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2-Nitrophenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
2-Picoline	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
3,3'-Dichlorobenzidine	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
3-Methylcholanthrene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
3-Nitroaniline	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
4,6-Dinitro-2-methylphenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
4-Aminobiphenyl	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
4-Bromophenyl phenyl ether	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
4-Chloro-3-methylphenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
4-Chloroaniline	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
4-Chlorophenyl phenyl ether	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
4-Methylphenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
4-Nitroaniline	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
4-Nitrophenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Acenaphthene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Acenaphthylene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Acentophenone	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Aniline	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Anthracene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Benzidine	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Benzo(a)anthracene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Benzo(a)pyrene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Benzo(b)fluoranthene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Benzo(ghi)perylene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-169					FWS-172					FWS-173				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR169					CLNWR172					CLNWR173				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2-Methylnaphthalene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2-Methylphenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2-Naphthylamine	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2-Nitroaniline	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2-Nitrophenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
2-Picoline	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
3,3'-Dichlorobenzidine	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
3-Methylcholanthrene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
3-Nitroaniline	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
4,6-Dinitro-2-methylphenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
4-Aminobiphenyl	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
4-Bromophenyl phenyl ether	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
4-Chloro-3-methylphenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
4-Chloroaniline	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
4-Chlorophenyl phenyl ether	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
4-Methylphenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
4-Nitroaniline	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
4-Nitrophenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Acenaphthene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Acenaphthylene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Acentophenone	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Aniline	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Anthracene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Benzidine	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Benzo(a)anthracene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Benzo(a)pyrene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Benzo(b)fluoranthene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Benzo(ghi)perylene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-174					FWS-175					FWS-179				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR174					CLNWR175					CLNWR179				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2-Methylnaphthalene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2-Methylphenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2-Naphthylamine	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2-Nitroaniline	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2-Nitrophenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
2-Picoline	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
3,3'-Dichlorobenzidine	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
3-Methylcholanthrene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
3-Nitroaniline	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
4,6-Dinitro-2-methylphenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
4-Aminobiphenyl	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
4-Bromophenyl phenyl ether	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
4-Chloro-3-methylphenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
4-Chloroaniline	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
4-Chlorophenyl phenyl ether	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
4-Methylphenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
4-Nitroaniline	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
4-Nitrophenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Acenaphthene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Acenaphthylene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Acentophenone	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Aniline	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Anthracene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Benzidine	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Benzo(a)anthracene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Benzo(a)pyrene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Benzo(b)fluoranthene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Benzo(ghi)perylene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-181					FWS-183					FWS-184				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR181					CLNWR183					CLNWR184				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Methylnaphthalene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Methylphenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Naphthylamine	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Nitroaniline	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Nitrophenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Picoline	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
3,3'-Dichlorobenzidine	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
3-Methylcholanthrene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
3-Nitroaniline	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
4,6-Dinitro-2-methylphenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Aminobiphenyl	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Bromophenyl phenyl ether	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Chloro-3-methylphenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Chloroaniline	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Chlorophenyl phenyl ether	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Methylphenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Nitroaniline	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Nitrophenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Acenaphthene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Acenaphthylene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Acentophenone	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Aniline	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Anthracene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzidine	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzo(a)anthracene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzo(a)pyrene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzo(b)fluoranthene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzo(ghi)perylene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:			FWS-185					FWS-186					FWS-186							
Associated Site:			Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area							
Sample No:			CLNWR185					CL186DUP					CLNWR186							
Sample Date:			09-SEP-03					09-SEP-03					09-SEP-03							
Sample Depth:			.0 - 0.5					.0 - 0.5					.0 - 0.5							
Parameter	*Units*		*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*			
SEMIVOLATILES																				
2-Chlorophenol	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
2-Methylnaphthalene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
2-Methylphenol	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
2-Naphthylamine	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
2-Nitroaniline	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
2-Nitrophenol	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
2-Picoline	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
3,3'-Dichlorobenzidine	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
3-Methylcholanthrene	mg/kg		.0386	<	nv	.0386		.0349	<	UJL	.0349		.0348	<	nv	.0348				
3-Nitroaniline	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
4,6-Dinitro-2-methylphenol	mg/kg		.0386	<	nv	.0386		.0349	<	UJL	.0349		.0348	<	nv	.0348				
4-Aminobiphenyl	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
4-Bromophenyl phenyl ether	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
4-Chloro-3-methylphenol	mg/kg		.0386	<	nv	.0386		.0349	<	UJL	.0349		.0348	<	nv	.0348				
4-Chloroaniline	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
4-Chlorophenyl phenyl ether	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
4-Methylphenol	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
4-Nitroaniline	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
4-Nitrophenol	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
7,12-Dimethylbenz(a)-anthracene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Acenaphthene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Acenaphthylene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Acentophenone	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Aniline	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0361		nv	.0348				
Anthracene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Benzidine	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Benzo(a)anthracene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Benzo(a)pyrene	mg/kg		.0386	<	nv	.0386		.0349	<	UJL	.0349		.0348	<	nv	.0348				
Benzo(b)fluoranthene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Benzo(ghi)perylene	mg/kg		.0386	<	nv	.0386		.0349	<	UJL	.0349		.0348	<	nv	.0348				

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-187					FWS-188					FWS-197				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR187					CLNWR188					CLNWR197				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2-Methylnaphthalene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2-Methylphenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2-Naphthylamine	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2-Nitroaniline	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2-Nitrophenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
2-Picoline	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
3,3'-Dichlorobenzidine	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
3-Methylcholanthrene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
3-Nitroaniline	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
4,6-Dinitro-2-methylphenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
4-Aminobiphenyl	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
4-Bromophenyl phenyl ether	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
4-Chloro-3-methylphenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
4-Chloroaniline	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
4-Chlorophenyl phenyl ether	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
4-Methylphenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
4-Nitroaniline	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
4-Nitrophenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Acenaphthene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Acenaphthylene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Acentophenone	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Aniline	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Anthracene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Benzidine	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Benzo(a)anthracene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Benzo(a)pyrene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Benzo(b)fluoranthene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Benzo(ghi)perylene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-198					FWS-199					FWS-200				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR198					CLNWR199					CL200DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2-Methylnaphthalene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2-Methylphenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2-Naphthylamine	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2-Nitroaniline	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2-Nitrophenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
2-Picoline	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
3,3'-Dichlorobenzidine	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
3-Methylcholanthrene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
3-Nitroaniline	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
4,6-Dinitro-2-methylphenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
4-Aminobiphenyl	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
4-Bromophenyl phenyl ether	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
4-Chloro-3-methylphenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
4-Chloroaniline	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
4-Chlorophenyl phenyl ether	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
4-Methylphenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
4-Nitroaniline	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
4-Nitrophenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Acenaphthene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Acenaphthylene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Acentophenone	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Aniline	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Anthracene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Benzidine	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Benzo(a)anthracene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Benzo(a)pyrene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Benzo(b)fluoranthene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Benzo(ghi)perylene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-200					FWS-201					FWS-201				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR200					CL201DUP					CLNWR201				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2-Methylnaphthalene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2-Methylphenol	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2-Naphthylamine	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2-Nitroaniline	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2-Nitrophenol	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
2-Picoline	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
3,3'-Dichlorobenzidine	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
3-Methylcholanthrene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
3-Nitroaniline	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
4,6-Dinitro-2-methylphenol	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
4-Aminobiphenyl	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
4-Bromophenyl phenyl ether	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
4-Chloro-3-methylphenol	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
4-Chloroaniline	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
4-Chlorophenyl phenyl ether	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
4-Methylphenol	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
4-Nitroaniline	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
4-Nitrophenol	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Acenaphthene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Acenaphthylene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Acentophenone	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Aniline	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Anthracene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Benzidine	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Benzo(a)anthracene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Benzo(a)pyrene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Benzo(b)fluoranthene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Benzo(ghi)perylene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-202					FWS-203					FWS-204				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR202					CLNWR203					CLNWR204				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2-Methylnaphthalene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2-Methylphenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2-Naphthylamine	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2-Nitroaniline	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2-Nitrophenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
2-Picoline	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
3,3'-Dichlorobenzidine	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
3-Methylcholanthrene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
3-Nitroaniline	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
4,6-Dinitro-2-methylphenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
4-Aminobiphenyl	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
4-Bromophenyl phenyl ether	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
4-Chloro-3-methylphenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
4-Chloroaniline	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
4-Chlorophenyl phenyl ether	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
4-Methylphenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
4-Nitroaniline	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
4-Nitrophenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Acenaphthene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Acenaphthylene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Acentophenone	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Aniline	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Anthracene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Benzidine	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Benzo(a)anthracene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Benzo(a)pyrene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Benzo(b)fluoranthene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Benzo(ghi)perylene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-205					FWS-206					FWS-207				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR205					CLNWR206					CLNWR207				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2-Methylnaphthalene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2-Methylphenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2-Naphthylamine	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2-Nitroaniline	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2-Nitrophenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
2-Picoline	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
3,3'-Dichlorobenzidine	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
3-Methylcholanthrene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
3-Nitroaniline	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
4,6-Dinitro-2-methylphenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
4-Aminobiphenyl	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
4-Bromophenyl phenyl ether	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
4-Chloro-3-methylphenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
4-Chloroaniline	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
4-Chlorophenyl phenyl ether	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
4-Methylphenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
4-Nitroaniline	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
4-Nitrophenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Acenaphthene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Acenaphthylene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Acentophenone	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Aniline	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Anthracene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Benzidine	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Benzo(a)anthracene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Benzo(a)pyrene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Benzo(b)fluoranthene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Benzo(ghi)perylene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-208					FWS-209					FWS-209				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR208					CL209DUP					CLNWR209				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2-Methylnaphthalene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2-Methylphenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2-Naphthylamine	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2-Nitroaniline	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2-Nitrophenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
2-Picoline	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
3,3'-Dichlorobenzidine	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
3-Methylcholanthrene	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
3-Nitroaniline	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
4,6-Dinitro-2-methylphenol	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
4-Aminobiphenyl	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
4-Bromophenyl phenyl ether	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
4-Chloro-3-methylphenol	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
4-Chloroaniline	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
4-Chlorophenyl phenyl ether	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
4-Methylphenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
4-Nitroaniline	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
4-Nitrophenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Acenaphthene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Acenaphthylene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Acentophenone	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Aniline	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Anthracene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Benzidine	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Benzo(a)anthracene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Benzo(a)pyrene	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
Benzo(b)fluoranthene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Benzo(ghi)perylene	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:			FWS-210					FWS-211					FWS-212							
Associated Site:			Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area							
Sample No:			CLNWR210					CLNWR211					CLNWR212							
Sample Date:			09-SEP-03					09-SEP-03					09-SEP-03							
Sample Depth:			.0 - 0.5					.0 - 0.5					.0 - 0.5							
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
2-Chlorophenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
2-Methylnaphthalene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
2-Methylphenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
2-Naphthylamine	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
2-Nitroaniline	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
2-Nitrophenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
2-Picoline	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
3,3'-Dichlorobenzidine	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
3-Methylcholanthrene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
3-Nitroaniline	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
4,6-Dinitro-2-methylphenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
4-Aminobiphenyl	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
4-Bromophenyl phenyl ether	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
4-Chloro-3-methylphenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
4-Chloroaniline	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
4-Chlorophenyl phenyl ether	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
4-Methylphenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
4-Nitroaniline	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
4-Nitrophenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
Acenaphthene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
Acenaphthylene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
Acentophenone	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
Aniline	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
Anthracene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
Benzidine	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
Benzo(a)anthracene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
Benzo(a)pyrene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
Benzo(b)fluoranthene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					
Benzo(ghi)perylene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-213					FWS-214					FWS-214				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR213					CL214DUP					CLNWR214				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2-Methylnaphthalene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2-Methylphenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2-Naphthylamine	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2-Nitroaniline	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2-Nitrophenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
2-Picoline	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
3,3'-Dichlorobenzidine	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
3-Methylcholanthrene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
3-Nitroaniline	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
4,6-Dinitro-2-methylphenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
4-Aminobiphenyl	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
4-Bromophenyl phenyl ether	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
4-Chloro-3-methylphenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
4-Chloroaniline	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
4-Chlorophenyl phenyl ether	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
4-Methylphenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
4-Nitroaniline	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
4-Nitrophenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Acenaphthene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Acenaphthylene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Acentophenone	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Aniline	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0767		nv	.0309	
Anthracene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Benzidine	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Benzo(a)anthracene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Benzo(a)pyrene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Benzo(b)fluoranthene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Benzo(ghi)perylene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-216					FWS-217					FWS-218				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR216					CLNWR217					CLNWR218				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2-Methylnaphthalene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2-Methylphenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2-Naphthylamine	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2-Nitroaniline	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2-Nitrophenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
2-Picoline	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
3,3'-Dichlorobenzidine	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
3-Methylcholanthrene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
3-Nitroaniline	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
4,6-Dinitro-2-methylphenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
4-Aminobiphenyl	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
4-Bromophenyl phenyl ether	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
4-Chloro-3-methylphenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
4-Chloroaniline	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
4-Chlorophenyl phenyl ether	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
4-Methylphenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
4-Nitroaniline	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
4-Nitrophenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Acenaphthene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Acenaphthylene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Acentophenone	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Aniline	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Anthracene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Benzidine	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Benzo(a)anthracene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Benzo(a)pyrene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Benzo(b)fluoranthene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Benzo(ghi)perylene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-219					FWS-223					FWS-226				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR219					CLNWR223					CLNWR226				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2-Methylnaphthalene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2-Methylphenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2-Naphthylamine	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2-Nitroaniline	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2-Nitrophenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
2-Picoline	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
3,3'-Dichlorobenzidine	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
3-Methylcholanthrene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
3-Nitroaniline	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
4,6-Dinitro-2-methylphenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
4-Aminobiphenyl	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
4-Bromophenyl phenyl ether	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
4-Chloro-3-methylphenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
4-Chloroaniline	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
4-Chlorophenyl phenyl ether	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
4-Methylphenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
4-Nitroaniline	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
4-Nitrophenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Acenaphthene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Acenaphthylene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Acentophenone	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Aniline	mg/kg	.0287	<	nv	.0287		.0451		nv	.0374		.0351	<	nv	.0351	
Anthracene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Benzidine	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Benzo(a)anthracene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Benzo(a)pyrene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Benzo(b)fluoranthene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Benzo(ghi)perylene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-228					FWS-232					FWS-235				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR228					CLNWR232					CLNWR235				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2-Methylnaphthalene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2-Methylphenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2-Naphthylamine	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2-Nitroaniline	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2-Nitrophenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
2-Picoline	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
3,3'-Dichlorobenzidine	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
3-Methylcholanthrene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
3-Nitroaniline	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
4,6-Dinitro-2-methylphenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
4-Aminobiphenyl	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
4-Bromophenyl phenyl ether	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
4-Chloro-3-methylphenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
4-Chloroaniline	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
4-Chlorophenyl phenyl ether	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
4-Methylphenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
4-Nitroaniline	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
4-Nitrophenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Acenaphthene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Acenaphthylene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Acentophenone	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Aniline	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Anthracene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Benzidine	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Benzo(a)anthracene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Benzo(a)pyrene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Benzo(b)fluoranthene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Benzo(ghi)perylene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-236					FWS-237					FWS-238				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR236					CLNWR237					CL238DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
2-Methylnaphthalene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2-Methylphenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2-Naphthylamine	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2-Nitroaniline	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2-Nitrophenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
2-Picoline	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
3,3'-Dichlorobenzidine	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
3-Methylcholanthrene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
3-Nitroaniline	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
4,6-Dinitro-2-methylphenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
4-Aminobiphenyl	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
4-Bromophenyl phenyl ether	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
4-Chloro-3-methylphenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
4-Chloroaniline	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
4-Chlorophenyl phenyl ether	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
4-Methylphenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
4-Nitroaniline	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
4-Nitrophenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Acenaphthene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Acenaphthylene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Acentophenone	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Aniline	mg/kg	.0342	<	nv	.0342		.0424		nv	.0326		.0341	<	nv	.0341	
Anthracene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
Benzidine	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Benzo(a)anthracene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Benzo(a)pyrene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
Benzo(b)fluoranthene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Benzo(ghi)perylene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-238					FWS-239					FWS-240				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR238					CLNWR239					CLNWR240				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2-Methylnaphthalene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2-Methylphenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2-Naphthylamine	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2-Nitroaniline	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2-Nitrophenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
2-Picoline	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
3,3'-Dichlorobenzidine	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
3-Methylcholanthrene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
3-Nitroaniline	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
4,6-Dinitro-2-methylphenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
4-Aminobiphenyl	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
4-Bromophenyl phenyl ether	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
4-Chloro-3-methylphenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
4-Chloroaniline	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
4-Chlorophenyl phenyl ether	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
4-Methylphenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
4-Nitroaniline	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
4-Nitrophenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Acenaphthene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Acenaphthylene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Acentophenone	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Aniline	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Anthracene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Benzidine	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Benzo(a)anthracene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Benzo(a)pyrene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Benzo(b)fluoranthene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Benzo(ghi)perylene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-241					FWS-242					FWS-243				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR241					CLNWR242					CLNWR243				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Methylnaphthalene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Methylphenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Naphthylamine	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Nitroaniline	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Nitrophenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
2-Picoline	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
3,3'-Dichlorobenzidine	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
3-Methylcholanthrene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
3-Nitroaniline	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
4,6-Dinitro-2-methylphenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Aminobiphenyl	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Bromophenyl phenyl ether	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Chloro-3-methylphenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Chloroaniline	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Chlorophenyl phenyl ether	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Methylphenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Nitroaniline	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
4-Nitrophenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Acenaphthene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Acenaphthylene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Acentophenone	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Aniline	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Anthracene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzidine	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzo(a)anthracene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzo(a)pyrene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzo(b)fluoranthene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzo(ghi)perylene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-244					FWS-245					HOSB17				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR244					CLNWR245					HOSB17(0-0.5)				
Sample Date:		09-SEP-03					09-SEP-03					06-DEC-00				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2-Methylnaphthalene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2-Methylphenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2-Naphthylamine	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2-Nitroaniline	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2-Nitrophenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
2-Picoline	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
3,3'-Dichlorobenzidine	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
3-Methylcholanthrene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
3-Nitroaniline	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
4,6-Dinitro-2-methylphenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
4-Aminobiphenyl	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
4-Bromophenyl phenyl ether	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
4-Chloro-3-methylphenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
4-Chloroaniline	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
4-Chlorophenyl phenyl ether	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
4-Methylphenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
4-Nitroaniline	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
4-Nitrophenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Acenaphthene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Acenaphthylene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Acentophenone	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Aniline	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Anthracene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Benzidine	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Benzo(a)anthracene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Benzo(a)pyrene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Benzo(b)fluoranthene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Benzo(ghi)perylene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	HOSB18					LAP-31M1					LAP-31M2				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	HOSB18(0-0.5)					LAP-31M1					LAP-31M2				
	Sample Date:	06-DEC-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg						.36	U		.36		.34	U		.34	
2-Methylnaphthalene	mg/kg						.36	U		.36		.34	U		.34	
2-Methylphenol	mg/kg						.36	U		.36		.34	U		.34	
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						.36	U		.36		.34	U		.34	
2-Nitrophenol	mg/kg						.36	U		.36		.34	U		.34	
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						.36	U		.36		.34	U		.34	
4,6-Dinitro-2-methylphenol	mg/kg						.9	U		.9		.86	U		.86	
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.36	U		.36		.34	U		.34	
4-Chloro-3-methylphenol	mg/kg						.36	U		.36		.34	U		.34	
4-Chloroaniline	mg/kg						.36	U		.36		.34	U		.34	
4-Chlorophenyl phenyl ether	mg/kg						.36	U		.36		.34	U		.34	
4-Methylphenol	mg/kg						.36	U		.36		.34	U		.34	
4-Nitroaniline	mg/kg						.36	U		.36		.34	U		.34	
4-Nitrophenol	mg/kg						.9	U		.9		.86	U		.86	
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg						.36	U		.36		.34	U		.34	
Acenaphthylene	mg/kg						.36	U		.36		.34	U		.34	
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg						.36	U		.36		.34	U		.34	
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.36	U		.36		.34	U		.34	
Benzo(a)pyrene	mg/kg						.36	U		.36		.34	U		.34	
Benzo(b)fluoranthene	mg/kg						.36	U		.36		.34	U		.34	
Benzo(ghi)perylene	mg/kg						.36	U		.36		.34	U		.34	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Location Code:		LAP-35M2					LAP-39M1					LAP-81103				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-35M2					LAP-39M1					LAP-81103				
Sample Date:		12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2-Methylnaphthalene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2-Methylphenol	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2-Nitrophenol	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
4,6-Dinitro-2-methylphenol	mg/kg	4.3	U		4.3		.88	U		.88		.94	U		.94	
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
4-Chloro-3-methylphenol	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
4-Chloroaniline	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
4-Chlorophenyl phenyl ether	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
4-Methylphenol	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
4-Nitroaniline	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
4-Nitrophenol	mg/kg	4.3	U		4.3		.88	U		.88		.94	U		.94	
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Acenaphthylene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Benzo(a)pyrene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Benzo(b)fluoranthene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Benzo(ghi)perylene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	LAP-81105					LAP-81109					LAP-81124				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	LAP-81105					LAP-81109					LAP-81124				
Sample Date:	10-JUL-00					11-JUL-00					10-JUL-00				
User Test Group *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2-Methylnaphthalene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2-Methylphenol	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2-Nitrophenol	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
4,6-Dinitro-2-methylphenol	mg/kg	1	U		1		9.1	U		9.1		.9	U		.9	
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
4-Chloro-3-methylphenol	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
4-Chloroaniline	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
4-Chlorophenyl phenyl ether	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
4-Methylphenol	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
4-Nitroaniline	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
4-Nitrophenol	mg/kg	1	U		1		9.1	U		9.1		.9	U		.9	
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Acenaphthylene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Benzo(a)pyrene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Benzo(b)fluoranthene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Benzo(ghi)perylene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LAP-81127					LAP-81129					LAP-81130				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-81127					LAP-81129					LAP-81130				
Sample Date:		10-JUL-00					11-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2-Methylnaphthalene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2-Methylphenol	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2-Nitrophenol	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
4,6-Dinitro-2-methylphenol	mg/kg	.87	U		.87		.86	U		.86		4.6	U		4.6	
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
4-Chloro-3-methylphenol	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
4-Chloroaniline	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
4-Chlorophenyl phenyl ether	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
4-Methylphenol	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
4-Nitroaniline	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
4-Nitrophenol	mg/kg	.87	U		.87		.86	U		.86		4.6	U		4.6	
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Acenaphthylene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Benzo(a)pyrene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Benzo(b)fluoranthene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Benzo(ghi)perylene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	LAP-81146					LAP-81147					LAP-81152				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81146					LAP-81147					LAP-81152-FD				
	Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.34	U		.34		.35	U		.35						
2-Methylnaphthalene	mg/kg	.34	U		.34		.35	U		.35						
2-Methylphenol	mg/kg	.34	U		.34		.35	U		.35						
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.34	U		.34		.35	U		.35						
2-Nitrophenol	mg/kg	.34	U		.34		.35	U		.35						
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.34	U		.34		.35	U		.35						
4,6-Dinitro-2-methylphenol	mg/kg	.86	U		.86		.89	U		.89						
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.34	U		.34		.35	U		.35						
4-Chloro-3-methylphenol	mg/kg	.34	U		.34		.35	U		.35						
4-Chloroaniline	mg/kg	.34	U		.34		.35	U		.35						
4-Chlorophenyl phenyl ether	mg/kg	.34	U		.34		.35	U		.35						
4-Methylphenol	mg/kg	.34	U		.34		.35	U		.35						
4-Nitroaniline	mg/kg	.34	U		.34		.35	U		.35						
4-Nitrophenol	mg/kg	.86	U		.86		.89	U		.89						
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.34	U		.34		.35	U		.35						
Acenaphthylene	mg/kg	.34	U		.34		.35	U		.35						
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.34	U		.34		.35	U		.35						
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.34	U		.34		.35	U		.35						
Benzo(a)pyrene	mg/kg	.34	U		.34		.35	U		.35						
Benzo(b)fluoranthene	mg/kg	.34	U		.34		.35	U		.35						
Benzo(ghi)perylene	mg/kg	.34	U		.34		.35	U		.35						

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		Location Code:	LAP-81152				LAP-81155				LAP-81156			
		Associated Site:	Low Impact Sub-Area				Low Impact Sub-Area				Low Impact Sub-Area			
		Sample No:	LAP-81152				LAP-81155				LAP-81156			
		Sample Date:	12-JUL-00				12-JUL-00				12-JUL-00			
		Sample Depth:	.0 - 0.5				.0 - 0.5				.0 - 0.5			
Parameter	Units		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
2-Chlorophenol	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
2-Methylnaphthalene	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
2-Methylphenol	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
2-Naphthylamine	mg/kg																
2-Nitroaniline	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
2-Nitrophenol	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
2-Picoline	mg/kg																
3,3'-Dichlorobenzidine	mg/kg																
3-Methylcholanthrene	mg/kg																
3-Nitroaniline	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
4,6-Dinitro-2-methylphenol	mg/kg		.88	U		.88		.91	U		.91		.89	U		.89	
4-Aminobiphenyl	mg/kg																
4-Bromophenyl phenyl ether	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
4-Chloro-3-methylphenol	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
4-Chloroaniline	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
4-Chlorophenyl phenyl ether	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
4-Methylphenol	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
4-Nitroaniline	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
4-Nitrophenol	mg/kg		.88	U		.88		.91	U		.91		.89	U		.89	
7,12-Dimethylbenz(a)-anthracene	mg/kg																
Acenaphthene	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
Acenaphthylene	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
Acentophenone	mg/kg																
Aniline	mg/kg																
Anthracene	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
Benzidine	mg/kg																
Benzo(a)anthracene	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
Benzo(a)pyrene	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
Benzo(b)fluoranthene	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	
Benzo(ghi)perylene	mg/kg		.35	U		.35		.36	U		.36		.35	U		.35	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LAP-81158					XXSB15					XXSB16				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-81158					LHXX-SB15(0-2)					LHXX-SB16(0-3)				
Sample Date:		12-JUL-00					09-MAR-93					09-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
2-Methylnaphthalene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
2-Methylphenol	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.37	U		.37		1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
2-Nitrophenol	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.65	<	U	.65	-99	.65	<	U	.65	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.37	U		.37		1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
4,6-Dinitro-2-methylphenol	mg/kg	.93	U		.93		1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
4-Chloro-3-methylphenol	mg/kg	.37	U		.37		.65	<	U	.65	-99	.65	<	U	.65	-99
4-Chloroaniline	mg/kg	.37	U		.37		.65	<	U	.65	-99	.65	<	U	.65	-99
4-Chlorophenyl phenyl ether	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
4-Methylphenol	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
4-Nitroaniline	mg/kg	.37	U		.37		1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
4-Nitrophenol	mg/kg	.93	U		.93		1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
Acenaphthylene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
Benzo(a)pyrene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
Benzo(b)fluoranthene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
Benzo(ghi)perylene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB16					XXSB17					XXSB18				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB16-N00					LHXX-SB17(0-2)					LHXX-SB18 (0-2)				
	Sample Date:	22-AUG-94					09-MAR-93					10-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
2-Methylnaphthalene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
2-Methylphenol	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
2-Nitrophenol	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.65	<	U	.65	-99	.65	<	U	.65	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
4,6-Dinitro-2-methylphenol	mg/kg						1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
4-Chloro-3-methylphenol	mg/kg						.65	<	U	.65	-99	.65	<	U	.65	-99
4-Chloroaniline	mg/kg						.65	<	U	.65	-99	.65	<	U	.65	-99
4-Chlorophenyl phenyl ether	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
4-Methylphenol	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
4-Nitroaniline	mg/kg						1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
4-Nitrophenol	mg/kg						1.65	<	U	1.65	-99	1.65	<	U	1.65	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
Acenaphthylene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
Benzo(a)pyrene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
Benzo(b)fluoranthene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
Benzo(ghi)perylene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB18					XXSB19					XXSB19									
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area									
	Sample No:	C940822-XXSB18-N00					LHXX-SB19(0-2.5					C940822-XXSB19-N00									
	Sample Date:	22-AUG-94					09-MAR-93					22-AUG-94									
User Test Group	*Sample Depth:*	.0 - 0					.0 - 2.5					.0 - 0									
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*					
SEMIVOLATILES																					
2-Chlorophenol	mg/kg						.33	<	U	.33	-99										
2-Methylnaphthalene	mg/kg						.33	<	U	.33	-99										
2-Methylphenol	mg/kg						.33	<	U	.33	-99										
2-Naphthylamine	mg/kg																				
2-Nitroaniline	mg/kg						1.65	<	U	1.65	-99										
2-Nitrophenol	mg/kg						.33	<	U	.33	-99										
2-Picoline	mg/kg																				
3,3'-Dichlorobenzidine	mg/kg						.65	<	U	.65	-99										
3-Methylcholanthrene	mg/kg																				
3-Nitroaniline	mg/kg						1.65	<	U	1.65	-99										
4,6-Dinitro-2-methylphenol	mg/kg						1.65	<	U	1.65	-99										
4-Aminobiphenyl	mg/kg																				
4-Bromophenyl phenyl ether	mg/kg						.33	<	U	.33	-99										
4-Chloro-3-methylphenol	mg/kg						.65	<	U	.65	-99										
4-Chloroaniline	mg/kg						.65	<	U	.65	-99										
4-Chlorophenyl phenyl ether	mg/kg						.33	<	U	.33	-99										
4-Methylphenol	mg/kg						.33	<	U	.33	-99										
4-Nitroaniline	mg/kg						1.65	<	U	1.65	-99										
4-Nitrophenol	mg/kg						1.65	<	U	1.65	-99										
7,12-Dimethylbenz(a)-anthracene	mg/kg																				
Acenaphthene	mg/kg						.33	<	U	.33	-99										
Acenaphthylene	mg/kg						.33	<	U	.33	-99										
Acentophenone	mg/kg																				
Aniline	mg/kg																				
Anthracene	mg/kg						.33	<	U	.33	-99										
Benzidine	mg/kg																				
Benzo(a)anthracene	mg/kg						.33	<	U	.33	-99										
Benzo(a)pyrene	mg/kg						.33	<	U	.33	-99										
Benzo(b)fluoranthene	mg/kg						.33	<	U	.33	-99										
Benzo(ghi)perylene	mg/kg						.33	<	U	.33	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB20					XXSB20					XXSB21				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB20(0-2.5					C940823-XXSB20-N00					LHXX-SB21(0-2.5				
	Sample Date:	10-MAR-93					23-AUG-94					10-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2.5					.0 - 0					.0 - 2.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Chlorophenol	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
2-Methylnaphthalene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
2-Methylphenol	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.2	<	U	1.2		1.65	<	U	1.65	-99
2-Nitrophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.65	<	U	.65	-99						.65	<	U	.65	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.2	<	U	1.2		1.65	<	U	1.65	-99
4,6-Dinitro-2-methylphenol	mg/kg	1.65	<	U	1.65	-99	1.2	<	U	1.2		1.65	<	U	1.65	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
4-Chloro-3-methylphenol	mg/kg	.65	<	U	.65	-99	.48	<	U	.48		.65	<	U	.65	-99
4-Chloroaniline	mg/kg	.65	<	U	.65	-99	.48	<	U	.48		.65	<	U	.65	-99
4-Chlorophenyl phenyl ether	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
4-Methylphenol	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
4-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.2	<	U	1.2		1.65	<	U	1.65	-99
4-Nitrophenol	mg/kg	1.65	<	U	1.65	-99	1.2	<	U	1.2		1.65	<	U	1.65	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Acenaphthylene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Benzo(a)pyrene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Benzo(b)fluoranthene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Benzo(ghi)perylene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		Location Code:	XXSB21					XXSB21					XXSD16				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LHXX-SB21(0-2.5QC					C940823-XXSB21-N00					LHXX-SD16				
		Sample Date:	10-MAR-93					23-AUG-94					31-MAR-93				
		Sample Depth:	.0 - 2.5					.0 - 0					.0 - 0				
Parameter	Units		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
2-Chlorophenol	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
2-Methylnaphthalene	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
2-Methylphenol	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
2-Naphthylamine	mg/kg																
2-Nitroaniline	mg/kg		1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
2-Nitrophenol	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
2-Picoline	mg/kg																
3,3'-Dichlorobenzidine	mg/kg		.65	<	U	.65	-99						.65	<	U	.65	-99
3-Methylcholanthrene	mg/kg																
3-Nitroaniline	mg/kg		1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
4,6-Dinitro-2-methylphenol	mg/kg		1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
4-Aminobiphenyl	mg/kg																
4-Bromophenyl phenyl ether	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
4-Chloro-3-methylphenol	mg/kg		.65	<	U	.65	-99						.65	<	U	.65	-99
4-Chloroaniline	mg/kg		.65	<	U	.65	-99						.65	<	U	.65	-99
4-Chlorophenyl phenyl ether	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
4-Methylphenol	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
4-Nitroaniline	mg/kg		1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
4-Nitrophenol	mg/kg		1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg																
Acenaphthene	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
Acenaphthylene	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
Acentophenone	mg/kg																
Aniline	mg/kg																
Anthracene	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
Benzidine	mg/kg																
Benzo(a)anthracene	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
Benzo(a)pyrene	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
Benzo(b)fluoranthene	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
Benzo(ghi)perylene	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB03					11SB04					11SB04				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH11-SB03 (0-2)					LH11-SB04 (0-2)					C940822-11SB04-N00				
	Sample Date:	03-MAR-93					03-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Benzoic Acid	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
Benzyl Alcohol	mg/kg	.65	<	U	.65	-99	.65	<	U	.65	-99					
Butyl benzyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Carbazole	mg/kg															
Chrysene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Dibenzofuran	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Diethyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Dimethyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Fluorene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Hexachlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Hexachlorobutadiene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Hexachlorocyclopentadiene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Hexachloroethane	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Indeno(1,2,3-cd)pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Isophorone	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Nitrobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																					
Location Code:		11SB05					11SB05					11SB06				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LH11-SB05 (0-2)					C940822-11SB05-N00					LH11-SB06 (0-2)				
Sample Date:		04-MAR-93					22-AUG-94					04-MAR-93				
Sample Depth:		.0 - 2					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Benzoic Acid	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
Benzyl Alcohol	mg/kg	.65	<	U	.65	-99						.65	<	U	.65	-99
Butyl benzyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Dibenzofuran	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Diethyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Dimethyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Fluorene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Hexachlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Hexachlorobutadiene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Hexachlorocyclopentadiene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Hexachloroethane	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Isophorone	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Nitrobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	11SB06					11SD13					11WW01				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-11SB06-N00					LH11-SD13					11WW01 (0-2')				
	Sample Date:	22-AUG-94					31-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Benzoic Acid	mg/kg						1.65	<	U	1.65	-99	.38	<	U	.38	-99
Benzyl Alcohol	mg/kg						.65	<	U	.65	-99	.38	<	U	.38	-99
Butyl benzyl phthalate	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Carbazole	mg/kg															
Chrysene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Dibenzofuran	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Diethyl phthalate	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Dimethyl phthalate	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Diphenylamine	mg/kg											1.143	<	U	1.143	-99
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Fluorene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Hexachlorobenzene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Hexachlorobutadiene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Hexachlorocyclopentadiene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Hexachloroethane	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Indeno(1,2,3-cd)pyrene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Isophorone	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Nitrobenzene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg						1.65	<	U	1.65	-99	.95	<	U	.95	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11WW02					11WW03					27SB03				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	11WW02 (0-2')					11WW03 (0-2')					27SB03 (0-0.5)				
	Sample Date:	20-AUG-94					21-AUG-94					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Benzoic Acid	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Benzyl Alcohol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Butyl benzyl phthalate	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Carbazole	mg/kg															
Chrysene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Dibenzofuran	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Diethyl phthalate	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Dimethyl phthalate	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Diphenylamine	mg/kg	1.139	<	U	1.139	-99	1.127	<	U	1.127	-99					
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Fluorene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Hexachlorobenzene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Hexachlorobutadiene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Hexachlorocyclopentadiene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Hexachloroethane	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Indeno(1,2,3-cd)pyrene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Isophorone	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Nitrobenzene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.95	<	U	.95	-99	.94	<	U	.94	-99					
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB03					27SB03					27SB05				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB03 (0-0.5)QC					27SB03 (1-2)					27SB05 (0-0.5)				
		Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Benzo(k)fluoranthene	mg/kg																
Benzoic Acid	mg/kg																
Benzyl Alcohol	mg/kg																
Butyl benzyl phthalate	mg/kg																
Carbazole	mg/kg																
Chrysene	mg/kg																
Dibenz(a,j)acridine	mg/kg																
Dibenzo(a,h)anthracene	mg/kg																
Dibenzofuran	mg/kg																
Diethyl phthalate	mg/kg																
Dimethyl phthalate	mg/kg																
Diphenylamine	mg/kg																
Ethyl methanesulfonate	mg/kg																
Fluoranthene	mg/kg																
Fluorene	mg/kg																
Hexachlorobenzene	mg/kg																
Hexachlorobutadiene	mg/kg																
Hexachlorocyclopentadiene	mg/kg																
Hexachloroethane	mg/kg																
Indeno(1,2,3-cd)pyrene	mg/kg																
Isophorone	mg/kg																
Methyl methanesulfonate	mg/kg																
N-nitrosopiperidine	mg/kg																
Naphthalene	mg/kg																
Nitrobenzene	mg/kg																
Pentachlorobenzene	mg/kg																
Pentachloronitrobenzene	mg/kg																
Pentachlorophenol	mg/kg																
Phenacetin	mg/kg																
Phenanthrene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB05					27SB05					27SB11				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB05 (0-0.5)QC					27SB05 (1-2)					27SB11 (0-0.5)				
		Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Benzo(k)fluoranthene	mg/kg																
Benzoic Acid	mg/kg																
Benzyl Alcohol	mg/kg																
Butyl benzyl phthalate	mg/kg																
Carbazole	mg/kg																
Chrysene	mg/kg																
Dibenz(a,j)acridine	mg/kg																
Dibenzo(a,h)anthracene	mg/kg																
Dibenzofuran	mg/kg																
Diethyl phthalate	mg/kg																
Dimethyl phthalate	mg/kg																
Diphenylamine	mg/kg																
Ethyl methanesulfonate	mg/kg																
Fluoranthene	mg/kg																
Fluorene	mg/kg																
Hexachlorobenzene	mg/kg																
Hexachlorobutadiene	mg/kg																
Hexachlorocyclopentadiene	mg/kg																
Hexachloroethane	mg/kg																
Indeno(1,2,3-cd)pyrene	mg/kg																
Isophorone	mg/kg																
Methyl methanesulfonate	mg/kg																
N-nitrosopiperidine	mg/kg																
Naphthalene	mg/kg																
Nitrobenzene	mg/kg																
Pentachlorobenzene	mg/kg																
Pentachloronitrobenzene	mg/kg																
Pentachlorophenol	mg/kg																
Phenacetin	mg/kg																
Phenanthrene	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:		27SB11					27SB11					27SB34				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		27SB11 (0-0.5)QC					27SB11 (1-2)					LH27-SB34(0-3)				
Sample Date:		04-OCT-00					04-OCT-00					19-MAR-93				
Sample Depth:		.0 - 0.5					1.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg											.33	<	U	.33	-99
Benzoic Acid	mg/kg											1.65	<	U	1.65	-99
Benzyl Alcohol	mg/kg											.65	<	U	.65	-99
Butyl benzyl phthalate	mg/kg											.33	<	U	.33	-99
Carbazole	mg/kg															
Chrysene	mg/kg											.33	<	U	.33	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg											.33	<	U	.33	-99
Dibenzofuran	mg/kg											.33	<	U	.33	-99
Diethyl phthalate	mg/kg											.33	<	U	.33	-99
Dimethyl phthalate	mg/kg											.33	<	U	.33	-99
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg											.33	<	U	.33	-99
Fluorene	mg/kg											.33	<	U	.33	-99
Hexachlorobenzene	mg/kg											.33	<	U	.33	-99
Hexachlorobutadiene	mg/kg											.33	<	U	.33	-99
Hexachlorocyclopentadiene	mg/kg											.33	<	U	.33	-99
Hexachloroethane	mg/kg											.33	<	U	.33	-99
Indeno(1,2,3-cd)pyrene	mg/kg											.33	<	U	.33	-99
Isophorone	mg/kg											.33	<	U	.33	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg											.33	<	U	.33	-99
Nitrobenzene	mg/kg											.33	<	U	.33	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg											1.65	<	U	1.65	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg											.33	<	U	.33	-99

	Location Code:	27SB34					27SB38					27WW01				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH27-SB34(0-3)QQC					LH27-SB38(0-2)					27WW01 (0-2')				
	Sample Date:	19-MAR-93					20-MAR-93					18-AUG-94				
User Test Group	*Sample Depth:*	.0 - 3					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Benzoic Acid	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
Benzyl Alcohol	mg/kg	.65	<	U	.65	-99	.65	<	U	.65	-99					
Butyl benzyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Carbazole	mg/kg															
Chrysene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Dibenzofuran	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Diethyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Dimethyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Fluorene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Hexachlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Hexachlorobutadiene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Hexachlorocyclopentadiene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Hexachloroethane	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Indeno(1,2,3-cd)pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Isophorone	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Nitrobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65	-99					
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99					

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:			400ASS01					400ASS01					400ASS02				
Associated Site:			Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:			400ASS01(0-0.5)					400ASS01(0-0.5)QC					400ASS02(0-0.5)				
Sample Date:			26-JUL-98					26-JUL-98					26-JUL-98				
Sample Depth:			.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg															
Butyl benzyl phthalate	mg/kg															
Carbazole	mg/kg															
Chrysene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Dibenzofuran	mg/kg															
Diethyl phthalate	mg/kg															
Dimethyl phthalate	mg/kg															
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Fluorene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg															
Hexachlorocyclopentadiene	mg/kg															
Hexachloroethane	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Isophorone	mg/kg															
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
Nitrobenzene	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg															
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		400ASS03					400ASS04					400ASS05				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		400ASS03(0-0.5)					400ASS04(0-0.5)					400ASS05(0-0.5)				
Sample Date:		26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg															
Butyl benzyl phthalate	mg/kg															
Carbazole	mg/kg															
Chrysene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Dibenzofuran	mg/kg															
Diethyl phthalate	mg/kg															
Dimethyl phthalate	mg/kg															
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Fluorene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg															
Hexachlorocyclopentadiene	mg/kg															
Hexachloroethane	mg/kg															
Indeno(1,2,3-cd)pyrene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
Isophorone	mg/kg															
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.038	<	U	.038	.038	.98			.036	.036	.038	<	U	.038	.038
Nitrobenzene	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg															
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038

	Location Code:	400ASS06					400ASS06					FWS-003				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS06(0-0.5)					C981204-400ASS06-N00					C-SS-003				
	Sample Date:	26-JUL-98					04-DEC-98					27-AUG-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Benzoic Acid	mg/kg											.216	<	nv	.216	
Benzyl Alcohol	mg/kg											.216	<	nv	.216	
Butyl benzyl phthalate	mg/kg											.216	<	nv	.216	
Carbazole	mg/kg											.216	<	nv	.216	
Chrysene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Dibenz(a,j)acridine	mg/kg											.216	<	nv	.216	
Dibenzo(a,h)anthracene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Dibenzofuran	mg/kg											.216	<	nv	.216	
Diethyl phthalate	mg/kg											.216	<	nv	.216	
Dimethyl phthalate	mg/kg											.216	<	nv	.216	
Diphenylamine	mg/kg											.216	<	nv	.216	
Ethyl methanesulfonate	mg/kg											.216	<	nv	.216	
Fluoranthene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Fluorene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Hexachlorobenzene	mg/kg											.216	<	nv	.216	
Hexachlorobutadiene	mg/kg											.216	<	nv	.216	
Hexachlorocyclopentadiene	mg/kg											.216	<	nv	.216	
Hexachloroethane	mg/kg											.216	<	nv	.216	
Indeno(1,2,3-cd)pyrene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Isophorone	mg/kg											.216	<	nv	.216	
Methyl methanesulfonate	mg/kg											.216	<	nv	.216	
N-nitrosopiperidine	mg/kg											.216	<	nv	.216	
Naphthalene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
Nitrobenzene	mg/kg											.216	<	nv	.216	
Pentachlorobenzene	mg/kg											.216	<	nv	.216	
Pentachloronitrobenzene	mg/kg											.216	<	nv	.216	
Pentachlorophenol	mg/kg											.216	<	nv	.216	
Phenacetin	mg/kg											.216	<	nv	.216	
Phenanthrene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-004					FWS-005					FWS-041				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-004					C-SS-005					C-SS-041				
	Sample Date:	27-AUG-02					27-AUG-02					25-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Benzoic Acid	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Benzyl Alcohol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Butyl benzyl phthalate	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Carbazole	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Chrysene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Dibenz(a,j)acridine	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Dibenzo(a,h)anthracene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Dibenzofuran	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Diethyl phthalate	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Dimethyl phthalate	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Diphenylamine	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Ethyl methanesulfonate	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Fluoranthene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Fluorene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Hexachlorobenzene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Hexachlorobutadiene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Hexachlorocyclopentadiene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Hexachloroethane	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Indeno(1,2,3-cd)pyrene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Isophorone	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Methyl methanesulfonate	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
N-nitrosopiperidine	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Naphthalene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Nitrobenzene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Pentachlorobenzene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Pentachloronitrobenzene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Pentachlorophenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Phenacetin	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Phenanthrene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-042					FWS-043					FWS-050				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-042					C-SS-043					CLNWR050				
	Sample Date:	25-SEP-02					25-SEP-02					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Benzoic Acid	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Benzyl Alcohol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Butyl benzyl phthalate	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Carbazole	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Chrysene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Dibenz(a,j)acridine	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Dibenzo(a,h)anthracene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Dibenzofuran	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Diethyl phthalate	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.065		nv	.0351	
Dimethyl phthalate	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Diphenylamine	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Ethyl methanesulfonate	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Fluoranthene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Fluorene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Hexachlorobenzene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Hexachlorobutadiene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Hexachlorocyclopentadiene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Hexachloroethane	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Indeno(1,2,3-cd)pyrene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Isophorone	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Methyl methanesulfonate	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
N-nitrosopiperidine	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Naphthalene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Nitrobenzene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Pentachlorobenzene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Pentachloronitrobenzene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Pentachlorophenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Phenacetin	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Phenanthrene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-051					FWS-055					FWS-056				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR051					CLNWR055					CL056DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Benzoic Acid	mg/kg	.0887		nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Benzyl Alcohol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Butyl benzyl phthalate	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Carbazole	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Chrysene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Dibenz(a,j)acridine	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Dibenzo(a,h)anthracene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Dibenzofuran	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Diethyl phthalate	mg/kg	.0688		nv	.0362		.0787		nv	.0416		.0313	<	nv	.0313	
Dimethyl phthalate	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Diphenylamine	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Ethyl methanesulfonate	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Fluoranthene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Fluorene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Hexachlorobenzene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416						
Hexachlorobutadiene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Hexachlorocyclopentadiene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Hexachloroethane	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Indeno(1,2,3-cd)pyrene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Isophorone	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Methyl methanesulfonate	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
N-nitrosopiperidine	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Naphthalene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Nitrobenzene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Pentachlorobenzene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Pentachloronitrobenzene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Pentachlorophenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Phenacetin	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Phenanthrene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-056					FWS-062					FWS-063				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR056					CLNWR062					CLNWR063				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Benzoic Acid	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Benzyl Alcohol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Butyl benzyl phthalate	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Carbazole	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Chrysene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Dibenz(a,j)acridine	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Dibenzo(a,h)anthracene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Dibenzofuran	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Diethyl phthalate	mg/kg	.0521		nv	.0315		.0725		nv	.0274		.0388	<	nv	.0388	
Dimethyl phthalate	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Diphenylamine	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Ethyl methanesulfonate	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Fluoranthene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Fluorene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Hexachlorobenzene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Hexachlorobutadiene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Hexachlorocyclopentadiene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Hexachloroethane	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Indeno(1,2,3-cd)pyrene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Isophorone	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Methyl methanesulfonate	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
N-nitrosopiperidine	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Naphthalene	mg/kg	.0346		nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Nitrobenzene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Pentachlorobenzene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Pentachloronitrobenzene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Pentachlorophenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Phenacetin	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Phenanthrene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-073					FWS-074					FWS-075				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR073					CLNWR074					CL075DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Benzoic Acid	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Benzyl Alcohol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Butyl benzyl phthalate	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Carbazole	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Chrysene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Dibenz(a,j)acridine	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Dibenzo(a,h)anthracene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Dibenzofuran	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Diethyl phthalate	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Dimethyl phthalate	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Diphenylamine	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Ethyl methanesulfonate	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Fluoranthene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Fluorene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Hexachlorobenzene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302						
Hexachlorobutadiene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Hexachlorocyclopentadiene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Hexachloroethane	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Indeno(1,2,3-cd)pyrene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Isophorone	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Methyl methanesulfonate	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
N-nitrosopiperidine	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Naphthalene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Nitrobenzene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Pentachlorobenzene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Pentachloronitrobenzene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Pentachlorophenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Phenacetin	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Phenanthrene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-075					FWS-076					FWS-077				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR075					CLNWR076					CLNWR077				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Benzoic Acid	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Benzyl Alcohol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Butyl benzyl phthalate	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Carbazole	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Chrysene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Dibenz(a,j)acridine	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Dibenzo(a,h)anthracene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Dibenzofuran	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Diethyl phthalate	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Dimethyl phthalate	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Diphenylamine	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Ethyl methanesulfonate	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Fluoranthene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Fluorene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Hexachlorobenzene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Hexachlorobutadiene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Hexachlorocyclopentadiene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Hexachloroethane	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Indeno(1,2,3-cd)pyrene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Isophorone	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Methyl methanesulfonate	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
N-nitrosopiperidine	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Naphthalene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Nitrobenzene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Pentachlorobenzene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Pentachloronitrobenzene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Pentachlorophenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Phenacetin	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Phenanthrene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-078					FWS-079					FWS-080				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR078					CLNWR079					CLNWR080				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Benzoic Acid	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Benzyl Alcohol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Butyl benzyl phthalate	mg/kg	.0342	<	nv	.0342		.148		nv	.0335		.0333	<	nv	.0333	
Carbazole	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Chrysene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Dibenz(a,j)acridine	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Dibenzo(a,h)anthracene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Dibenzofuran	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Diethyl phthalate	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Dimethyl phthalate	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Diphenylamine	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Ethyl methanesulfonate	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Fluoranthene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Fluorene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Hexachlorobenzene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Hexachlorobutadiene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Hexachlorocyclopentadiene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Hexachloroethane	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Indeno(1,2,3-cd)pyrene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Isophorone	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Methyl methanesulfonate	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
N-nitrosopiperidine	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Naphthalene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Nitrobenzene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Pentachlorobenzene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Pentachloronitrobenzene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Pentachlorophenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Phenacetin	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Phenanthrene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-081					FWS-082					FWS-083				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR081					CLNWR082					CLNWR083				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Benzoic Acid	mg/kg	.0518		nv	.0343		.126		nv	.0367		.0428		nv	.0353	
Benzyl Alcohol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Butyl benzyl phthalate	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Carbazole	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Chrysene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Dibenz(a,j)acridine	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Dibenzo(a,h)anthracene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Dibenzofuran	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Diethyl phthalate	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Dimethyl phthalate	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Diphenylamine	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Ethyl methanesulfonate	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Fluoranthene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Fluorene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Hexachlorobenzene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Hexachlorobutadiene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Hexachlorocyclopentadiene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Hexachloroethane	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Indeno(1,2,3-cd)pyrene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Isophorone	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Methyl methanesulfonate	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
N-nitrosopiperidine	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Naphthalene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Nitrobenzene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Pentachlorobenzene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Pentachloronitrobenzene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Pentachlorophenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Phenacetin	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Phenanthrene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-084					FWS-085					FWS-086				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR084					CLNWR085					CLNWR086				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Benzoic Acid	mg/kg	.033	<	nv	.033		.0407		nv	.0336		.0317	<	nv	.0317	
Benzyl Alcohol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Butyl benzyl phthalate	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Carbazole	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Chrysene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Dibenz(a,j)acridine	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Dibenzo(a,h)anthracene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Dibenzofuran	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Diethyl phthalate	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Dimethyl phthalate	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Diphenylamine	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Ethyl methanesulfonate	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Fluoranthene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Fluorene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Hexachlorobenzene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Hexachlorobutadiene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Hexachlorocyclopentadiene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Hexachloroethane	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Indeno(1,2,3-cd)pyrene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Isophorone	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Methyl methanesulfonate	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
N-nitrosopiperidine	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Naphthalene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Nitrobenzene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Pentachlorobenzene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Pentachloronitrobenzene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Pentachlorophenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Phenacetin	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Phenanthrene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-087					FWS-095					FWS-098				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR087					CLNWR095					CLNWR098				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Benzoic Acid	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Benzyl Alcohol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Butyl benzyl phthalate	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Carbazole	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Chrysene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Dibenz(a,j)acridine	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Dibenzo(a,h)anthracene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Dibenzofuran	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Diethyl phthalate	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Dimethyl phthalate	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Diphenylamine	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Ethyl methanesulfonate	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Fluoranthene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Fluorene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Hexachlorobenzene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Hexachlorobutadiene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Hexachlorocyclopentadiene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Hexachloroethane	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Indeno(1,2,3-cd)pyrene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Isophorone	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Methyl methanesulfonate	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
N-nitrosopiperidine	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Naphthalene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Nitrobenzene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Pentachlorobenzene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Pentachloronitrobenzene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Pentachlorophenol	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Phenacetin	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	
Phenanthrene	mg/kg	.0301	<	nv	.0301		.0348	<	nv	.0348		.0316	<	nv	.0316	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-102					FWS-103					FWS-104				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR102					CLNWR103					CLNWR104				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Benzoic Acid	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Benzyl Alcohol	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349	
Butyl benzyl phthalate	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Carbazole	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Chrysene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Dibenz(a,j)acridine	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Dibenzo(a,h)anthracene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349	
Dibenzofuran	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Diethyl phthalate	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Dimethyl phthalate	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Diphenylamine	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349	
Ethyl methanesulfonate	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Fluoranthene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Fluorene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Hexachlorobenzene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Hexachlorobutadiene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Hexachlorocyclopentadiene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Hexachloroethane	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Indeno(1,2,3-cd)pyrene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349	
Isophorone	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Methyl methanesulfonate	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
N-nitrosopiperidine	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349	
Naphthalene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Nitrobenzene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Pentachlorobenzene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Pentachloronitrobenzene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Pentachlorophenol	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Phenacetin	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Phenanthrene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-105					FWS-106					FWS-107				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR105					CLNWR106					CLNWR107				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Benzoic Acid	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Benzyl Alcohol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Butyl benzyl phthalate	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Carbazole	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Chrysene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Dibenz(a,j)acridine	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Dibenzo(a,h)anthracene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Dibenzofuran	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Diethyl phthalate	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0317		nv	.0285	
Dimethyl phthalate	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Diphenylamine	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Ethyl methanesulfonate	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Fluoranthene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Fluorene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Hexachlorobenzene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Hexachlorobutadiene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Hexachlorocyclopentadiene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Hexachloroethane	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Indeno(1,2,3-cd)pyrene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Isophorone	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Methyl methanesulfonate	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
N-nitrosopiperidine	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Naphthalene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Nitrobenzene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Pentachlorobenzene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Pentachloronitrobenzene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Pentachlorophenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Phenacetin	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Phenanthrene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-109					FWS-110					FWS-111				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR109					CLNWR110					CLNWR111				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Benzoic Acid	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Benzyl Alcohol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Butyl benzyl phthalate	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Carbazole	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Chrysene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Dibenz(a,j)acridine	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Dibenzo(a,h)anthracene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Dibenzofuran	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Diethyl phthalate	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Dimethyl phthalate	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Diphenylamine	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Ethyl methanesulfonate	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Fluoranthene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Fluorene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Hexachlorobenzene	mg/kg	.0331	<	nv	.0331											
Hexachlorobutadiene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Hexachlorocyclopentadiene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Hexachloroethane	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Indeno(1,2,3-cd)pyrene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Isophorone	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Methyl methanesulfonate	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
N-nitrosopiperidine	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Naphthalene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Nitrobenzene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Pentachlorobenzene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Pentachloronitrobenzene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Pentachlorophenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Phenacetin	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Phenanthrene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-120					FWS-127					FWS-136				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR120					CLNWR127					CLNWR136				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Benzoic Acid	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Benzyl Alcohol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Butyl benzyl phthalate	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Carbazole	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Chrysene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Dibenz(a,j)acridine	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Dibenzo(a,h)anthracene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Dibenzofuran	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Diethyl phthalate	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Dimethyl phthalate	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Diphenylamine	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Ethyl methanesulfonate	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Fluoranthene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Fluorene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Hexachlorocyclopentadiene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Hexachloroethane	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Indeno(1,2,3-cd)pyrene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Isophorone	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Methyl methanesulfonate	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
N-nitrosopiperidine	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Naphthalene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Nitrobenzene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Pentachlorobenzene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Pentachloronitrobenzene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Pentachlorophenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Phenacetin	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Phenanthrene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-140					FWS-140					FWS-141				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CL140DUP					CLNWR140					CLNWR141				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Benzoic Acid	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Benzyl Alcohol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Butyl benzyl phthalate	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Carbazole	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Chrysene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Dibenz(a,j)acridine	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Dibenzo(a,h)anthracene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Dibenzofuran	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Diethyl phthalate	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Dimethyl phthalate	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Diphenylamine	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Ethyl methanesulfonate	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Fluoranthene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Fluorene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Hexachlorocyclopentadiene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Hexachloroethane	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Indeno(1,2,3-cd)pyrene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Isophorone	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Methyl methanesulfonate	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
N-nitrosopiperidine	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Naphthalene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Nitrobenzene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Pentachlorobenzene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Pentachloronitrobenzene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Pentachlorophenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Phenacetin	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Phenanthrene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-142					FWS-143					FWS-144				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR142					CLNWR143					CLNWR144				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Benzoic Acid	mg/kg	.0362		nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Benzyl Alcohol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Butyl benzyl phthalate	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Carbazole	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Chrysene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Dibenz(a,j)acridine	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Dibenzo(a,h)anthracene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Dibenzofuran	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Diethyl phthalate	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Dimethyl phthalate	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Diphenylamine	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Ethyl methanesulfonate	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Fluoranthene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Fluorene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Hexachlorocyclopentadiene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Hexachloroethane	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Indeno(1,2,3-cd)pyrene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Isophorone	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Methyl methanesulfonate	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
N-nitrosopiperidine	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Naphthalene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Nitrobenzene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Pentachlorobenzene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Pentachloronitrobenzene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Pentachlorophenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Phenacetin	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Phenanthrene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-145					FWS-146					FWS-147				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR145					CLNWR146					CLNWR147				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Benzoic Acid	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Benzyl Alcohol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Butyl benzyl phthalate	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Carbazole	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Chrysene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Dibenz(a,j)acridine	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Dibenzo(a,h)anthracene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Dibenzofuran	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Diethyl phthalate	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Dimethyl phthalate	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Diphenylamine	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Ethyl methanesulfonate	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Fluoranthene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Fluorene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Hexachlorocyclopentadiene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Hexachloroethane	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Indeno(1,2,3-cd)pyrene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Isophorone	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Methyl methanesulfonate	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
N-nitrosopiperidine	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Naphthalene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Nitrobenzene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Pentachlorobenzene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Pentachloronitrobenzene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Pentachlorophenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Phenacetin	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Phenanthrene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	

	Location Code:	FWS-148					FWS-150					FWS-151				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR148					CLNWR150					CLNWR151				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Benzoic Acid	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Benzyl Alcohol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Butyl benzyl phthalate	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Carbazole	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Chrysene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Dibenz(a,j)acridine	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Dibenzo(a,h)anthracene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Dibenzofuran	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Diethyl phthalate	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Dimethyl phthalate	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Diphenylamine	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Ethyl methanesulfonate	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Fluoranthene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Fluorene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Hexachlorocyclopentadiene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Hexachloroethane	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Indeno(1,2,3-cd)pyrene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Isophorone	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Methyl methanesulfonate	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
N-nitrosopiperidine	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Naphthalene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Nitrobenzene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Pentachlorobenzene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Pentachloronitrobenzene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Pentachlorophenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Phenacetin	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Phenanthrene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-152					FWS-152					FWS-155				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CL152DUP					CLNWR152					CLNWR155				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Benzoic Acid	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Benzyl Alcohol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Butyl benzyl phthalate	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Carbazole	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Chrysene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Dibenz(a,j)acridine	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Dibenzo(a,h)anthracene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Dibenzofuran	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Diethyl phthalate	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Dimethyl phthalate	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Diphenylamine	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Ethyl methanesulfonate	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Fluoranthene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Fluorene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Hexachlorocyclopentadiene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Hexachloroethane	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Indeno(1,2,3-cd)pyrene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Isophorone	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Methyl methanesulfonate	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
N-nitrosopiperidine	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Naphthalene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Nitrobenzene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Pentachlorobenzene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Pentachloronitrobenzene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Pentachlorophenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Phenacetin	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Phenanthrene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-156					FWS-158					FWS-159				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR156					CLNWR158					CLNWR159				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Benzoic Acid	mg/kg	.0321	<	nv	.0321		.0443		nv	.0326		.0358	<	nv	.0358	
Benzyl Alcohol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Butyl benzyl phthalate	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Carbazole	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Chrysene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Dibenz(a,j)acridine	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Dibenzo(a,h)anthracene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Dibenzofuran	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Diethyl phthalate	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Dimethyl phthalate	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Diphenylamine	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Ethyl methanesulfonate	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Fluoranthene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Fluorene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Hexachlorocyclopentadiene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Hexachloroethane	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Indeno(1,2,3-cd)pyrene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Isophorone	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Methyl methanesulfonate	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
N-nitrosopiperidine	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Naphthalene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Nitrobenzene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Pentachlorobenzene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Pentachloronitrobenzene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Pentachlorophenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Phenacetin	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Phenanthrene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-169					FWS-172					FWS-173				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR169					CLNWR172					CLNWR173				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Benzoic Acid	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Benzyl Alcohol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Butyl benzyl phthalate	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Carbazole	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Chrysene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Dibenz(a,j)acridine	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Dibenzo(a,h)anthracene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Dibenzofuran	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Diethyl phthalate	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Dimethyl phthalate	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Diphenylamine	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Ethyl methanesulfonate	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Fluoranthene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Fluorene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Hexachlorocyclopentadiene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Hexachloroethane	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Indeno(1,2,3-cd)pyrene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Isophorone	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Methyl methanesulfonate	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
N-nitrosopiperidine	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Naphthalene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Nitrobenzene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Pentachlorobenzene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Pentachloronitrobenzene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Pentachlorophenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Phenacetin	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Phenanthrene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-174					FWS-175					FWS-179				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR174					CLNWR175					CLNWR179				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Benzoic Acid	mg/kg	.0341	<	nv	.0341		.156		nv	.033		.0303	<	nv	.0303	
Benzyl Alcohol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Butyl benzyl phthalate	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Carbazole	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Chrysene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Dibenz(a,j)acridine	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Dibenzo(a,h)anthracene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Dibenzofuran	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Diethyl phthalate	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Dimethyl phthalate	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Diphenylamine	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Ethyl methanesulfonate	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Fluoranthene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Fluorene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Hexachlorocyclopentadiene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Hexachloroethane	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Indeno(1,2,3-cd)pyrene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Isophorone	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Methyl methanesulfonate	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
N-nitrosopiperidine	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Naphthalene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Nitrobenzene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Pentachlorobenzene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Pentachloronitrobenzene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Pentachlorophenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Phenacetin	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Phenanthrene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-181					FWS-183					FWS-184				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR181					CLNWR183					CLNWR184				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzoic Acid	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzyl Alcohol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Butyl benzyl phthalate	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Carbazole	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Chrysene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Dibenz(a,j)acridine	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Dibenzo(a,h)anthracene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Dibenzofuran	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Diethyl phthalate	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Dimethyl phthalate	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Diphenylamine	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Ethyl methanesulfonate	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Fluoranthene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Fluorene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Hexachlorocyclopentadiene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Hexachloroethane	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Indeno(1,2,3-cd)pyrene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Isophorone	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Methyl methanesulfonate	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
N-nitrosopiperidine	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Naphthalene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Nitrobenzene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Pentachlorobenzene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Pentachloronitrobenzene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Pentachlorophenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Phenacetin	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Phenanthrene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:			FWS-185					FWS-186					FWS-186							
Associated Site:			Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area							
Sample No:			CLNWR185					CL186DUP					CLNWR186							
Sample Date:			09-SEP-03					09-SEP-03					09-SEP-03							
Sample Depth:			.0 - 0.5					.0 - 0.5					.0 - 0.5							
Parameter	*Units*		*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*			
SEMIVOLATILES																				
Benzo(k)fluoranthene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Benzoic Acid	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0468		nv	.0348				
Benzyl Alcohol	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Butyl benzyl phthalate	mg/kg		.114		nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Carbazole	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Chrysene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Dibenz(a,j)acridine	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Dibenzo(a,h)anthracene	mg/kg		.0386	<	nv	.0386		.0349	<	UJL	.0349		.0348	<	nv	.0348				
Dibenzofuran	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Diethyl phthalate	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Dimethyl phthalate	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Diphenylamine	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Ethyl methanesulfonate	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Fluoranthene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Fluorene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Hexachlorobenzene	mg/kg																			
Hexachlorobutadiene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Hexachlorocyclopentadiene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Hexachloroethane	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Indeno(1,2,3-cd)pyrene	mg/kg		.0386	<	nv	.0386		.0349	<	UJL	.0349		.0348	<	nv	.0348				
Isophorone	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Methyl methanesulfonate	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
N-nitrosopiperidine	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Naphthalene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Nitrobenzene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Pentachlorobenzene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Pentachloronitrobenzene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Pentachlorophenol	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Phenacetin	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				
Phenanthrene	mg/kg		.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348				

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-187					FWS-188					FWS-197				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR187					CLNWR188					CLNWR197				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Benzoic Acid	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Benzyl Alcohol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Butyl benzyl phthalate	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Carbazole	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Chrysene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Dibenz(a,j)acridine	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Dibenzo(a,h)anthracene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Dibenzofuran	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Diethyl phthalate	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Dimethyl phthalate	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Diphenylamine	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Ethyl methanesulfonate	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0413		nv	.0326	
Fluoranthene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Fluorene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Hexachlorocyclopentadiene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Hexachloroethane	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Indeno(1,2,3-cd)pyrene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Isophorone	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Methyl methanesulfonate	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
N-nitrosopiperidine	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Naphthalene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Nitrobenzene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Pentachlorobenzene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Pentachloronitrobenzene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Pentachlorophenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Phenacetin	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Phenanthrene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-198					FWS-199					FWS-200				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR198					CLNWR199					CL200DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Benzoic Acid	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Benzyl Alcohol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Butyl benzyl phthalate	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Carbazole	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Chrysene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Dibenz(a,j)acridine	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Dibenzo(a,h)anthracene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Dibenzofuran	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Diethyl phthalate	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Dimethyl phthalate	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Diphenylamine	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Ethyl methanesulfonate	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Fluoranthene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Fluorene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Hexachlorocyclopentadiene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Hexachloroethane	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Indeno(1,2,3-cd)pyrene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Isophorone	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Methyl methanesulfonate	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
N-nitrosopiperidine	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Naphthalene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Nitrobenzene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Pentachlorobenzene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Pentachloronitrobenzene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Pentachlorophenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Phenacetin	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Phenanthrene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-200					FWS-201					FWS-201				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR200					CL201DUP					CLNWR201				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Benzoic Acid	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Benzyl Alcohol	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Butyl benzyl phthalate	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Carbazole	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Chrysene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Dibenz(a,j)acridine	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Dibenzo(a,h)anthracene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Dibenzofuran	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Diethyl phthalate	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Dimethyl phthalate	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Diphenylamine	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Ethyl methanesulfonate	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Fluoranthene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Fluorene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Hexachlorocyclopentadiene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Hexachloroethane	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Indeno(1,2,3-cd)pyrene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Isophorone	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Methyl methanesulfonate	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
N-nitrosopiperidine	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Naphthalene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Nitrobenzene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Pentachlorobenzene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Pentachloronitrobenzene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Pentachlorophenol	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Phenacetin	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Phenanthrene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-202					FWS-203					FWS-204				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR202					CLNWR203					CLNWR204				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Benzoic Acid	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Benzyl Alcohol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Butyl benzyl phthalate	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Carbazole	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Chrysene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Dibenz(a,j)acridine	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Dibenzo(a,h)anthracene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Dibenzofuran	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Diethyl phthalate	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Dimethyl phthalate	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Diphenylamine	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Ethyl methanesulfonate	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Fluoranthene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Fluorene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Hexachlorocyclopentadiene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Hexachloroethane	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Indeno(1,2,3-cd)pyrene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Isophorone	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Methyl methanesulfonate	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
N-nitrosopiperidine	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Naphthalene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Nitrobenzene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Pentachlorobenzene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Pentachloronitrobenzene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Pentachlorophenol	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Phenacetin	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	
Phenanthrene	mg/kg	.0326	<	nv	.0326		.0304	<	nv	.0304		.0299	<	nv	.0299	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-205					FWS-206					FWS-207				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR205					CLNWR206					CLNWR207				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Benzoic Acid	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Benzyl Alcohol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Butyl benzyl phthalate	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Carbazole	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Chrysene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Dibenz(a,j)acridine	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Dibenzo(a,h)anthracene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Dibenzofuran	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Diethyl phthalate	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Dimethyl phthalate	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Diphenylamine	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Ethyl methanesulfonate	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Fluoranthene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Fluorene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Hexachlorocyclopentadiene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Hexachloroethane	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Indeno(1,2,3-cd)pyrene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Isophorone	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Methyl methanesulfonate	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
N-nitrosopiperidine	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Naphthalene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Nitrobenzene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Pentachlorobenzene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Pentachloronitrobenzene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Pentachlorophenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Phenacetin	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Phenanthrene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-208					FWS-209					FWS-209				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR208					CL209DUP					CLNWR209				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Benzoic Acid	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Benzyl Alcohol	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
Butyl benzyl phthalate	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Carbazole	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Chrysene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Dibenz(a,j)acridine	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Dibenzo(a,h)anthracene	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
Dibenzofuran	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Diethyl phthalate	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Dimethyl phthalate	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Diphenylamine	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
Ethyl methanesulfonate	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Fluoranthene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Fluorene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Hexachlorocyclopentadiene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Hexachloroethane	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Indeno(1,2,3-cd)pyrene	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
Isophorone	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Methyl methanesulfonate	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
N-nitrosopiperidine	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
Naphthalene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Nitrobenzene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Pentachlorobenzene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Pentachloronitrobenzene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Pentachlorophenol	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Phenacetin	mg/kg	.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
Phenanthrene	mg/kg	.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-210					FWS-211					FWS-212				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR210					CLNWR211					CLNWR212				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Benzoic Acid	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Benzyl Alcohol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Butyl benzyl phthalate	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Carbazole	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Chrysene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Dibenz(a,j)acridine	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Dibenzo(a,h)anthracene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Dibenzofuran	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Diethyl phthalate	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Dimethyl phthalate	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Diphenylamine	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Ethyl methanesulfonate	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Fluoranthene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Fluorene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Hexachlorocyclopentadiene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Hexachloroethane	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Indeno(1,2,3-cd)pyrene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Isophorone	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Methyl methanesulfonate	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
N-nitrosopiperidine	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Naphthalene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Nitrobenzene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Pentachlorobenzene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Pentachloronitrobenzene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Pentachlorophenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Phenacetin	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Phenanthrene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:		FWS-213					FWS-214					FWS-214				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR213					CL214DUP					CLNWR214				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Benzoic Acid	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Benzyl Alcohol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Butyl benzyl phthalate	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Carbazole	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Chrysene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Dibenz(a,j)acridine	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Dibenzo(a,h)anthracene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Dibenzofuran	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Diethyl phthalate	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Dimethyl phthalate	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Diphenylamine	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Ethyl methanesulfonate	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Fluoranthene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Fluorene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Hexachlorocyclopentadiene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Hexachloroethane	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Indeno(1,2,3-cd)pyrene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Isophorone	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Methyl methanesulfonate	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
N-nitrosopiperidine	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Naphthalene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Nitrobenzene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Pentachlorobenzene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Pentachloronitrobenzene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Pentachlorophenol	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Phenacetin	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Phenanthrene	mg/kg	.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-216					FWS-217					FWS-218				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR216					CLNWR217					CLNWR218				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Benzoic Acid	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Benzyl Alcohol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Butyl benzyl phthalate	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Carbazole	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Chrysene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Dibenz(a,j)acridine	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Dibenzo(a,h)anthracene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Dibenzofuran	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Diethyl phthalate	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Dimethyl phthalate	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Diphenylamine	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Ethyl methanesulfonate	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Fluoranthene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Fluorene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Hexachlorocyclopentadiene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Hexachloroethane	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Indeno(1,2,3-cd)pyrene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Isophorone	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Methyl methanesulfonate	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
N-nitrosopiperidine	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Naphthalene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Nitrobenzene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Pentachlorobenzene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Pentachloronitrobenzene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Pentachlorophenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Phenacetin	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Phenanthrene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-219					FWS-223					FWS-226				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR219					CLNWR223					CLNWR226				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Benzoic Acid	mg/kg	.0287	<	nv	.0287		.0555		nv	.0374		.0351	<	nv	.0351	
Benzyl Alcohol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Butyl benzyl phthalate	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Carbazole	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Chrysene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Dibenz(a,j)acridine	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Dibenzo(a,h)anthracene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Dibenzofuran	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Diethyl phthalate	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Dimethyl phthalate	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Diphenylamine	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Ethyl methanesulfonate	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Fluoranthene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Fluorene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Hexachlorocyclopentadiene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Hexachloroethane	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Indeno(1,2,3-cd)pyrene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Isophorone	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Methyl methanesulfonate	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
N-nitrosopiperidine	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Naphthalene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Nitrobenzene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Pentachlorobenzene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Pentachloronitrobenzene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Pentachlorophenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Phenacetin	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Phenanthrene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-228					FWS-232					FWS-235				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR228					CLNWR232					CLNWR235				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Benzoic Acid	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Benzyl Alcohol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Butyl benzyl phthalate	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Carbazole	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Chrysene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Dibenz(a,j)acridine	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Dibenzo(a,h)anthracene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Dibenzofuran	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Diethyl phthalate	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Dimethyl phthalate	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Diphenylamine	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Ethyl methanesulfonate	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Fluoranthene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Fluorene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Hexachlorocyclopentadiene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Hexachloroethane	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Indeno(1,2,3-cd)pyrene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Isophorone	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Methyl methanesulfonate	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
N-nitrosopiperidine	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Naphthalene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Nitrobenzene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Pentachlorobenzene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Pentachloronitrobenzene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Pentachlorophenol	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Phenacetin	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Phenanthrene	mg/kg	.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-236					FWS-237					FWS-238				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR236					CLNWR237					CL238DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Benzoic Acid	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Benzyl Alcohol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Butyl benzyl phthalate	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Carbazole	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Chrysene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Dibenz(a,j)acridine	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Dibenzo(a,h)anthracene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Dibenzofuran	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Diethyl phthalate	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Dimethyl phthalate	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Diphenylamine	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
Ethyl methanesulfonate	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Fluoranthene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Fluorene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Hexachlorocyclopentadiene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Hexachloroethane	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Indeno(1,2,3-cd)pyrene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
Isophorone	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Methyl methanesulfonate	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
N-nitrosopiperidine	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Naphthalene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Nitrobenzene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Pentachlorobenzene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Pentachloronitrobenzene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Pentachlorophenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Phenacetin	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
Phenanthrene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-238					FWS-239					FWS-240				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR238					CLNWR239					CLNWR240				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Benzoic Acid	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0615		nv	.0359	
Benzyl Alcohol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Butyl benzyl phthalate	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Carbazole	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Chrysene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Dibenz(a,j)acridine	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Dibenzo(a,h)anthracene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Dibenzofuran	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Diethyl phthalate	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Dimethyl phthalate	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Diphenylamine	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Ethyl methanesulfonate	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Fluoranthene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Fluorene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Hexachlorocyclopentadiene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Hexachloroethane	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Indeno(1,2,3-cd)pyrene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Isophorone	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Methyl methanesulfonate	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
N-nitrosopiperidine	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Naphthalene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Nitrobenzene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Pentachlorobenzene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Pentachloronitrobenzene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Pentachlorophenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Phenacetin	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Phenanthrene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-241					FWS-242					FWS-243				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR241					CLNWR242					CLNWR243				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzoic Acid	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Benzyl Alcohol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Butyl benzyl phthalate	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Carbazole	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Chrysene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Dibenz(a,j)acridine	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Dibenzo(a,h)anthracene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Dibenzofuran	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Diethyl phthalate	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Dimethyl phthalate	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Diphenylamine	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Ethyl methanesulfonate	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Fluoranthene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Fluorene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Hexachlorocyclopentadiene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Hexachloroethane	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Indeno(1,2,3-cd)pyrene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Isophorone	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Methyl methanesulfonate	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
N-nitrosopiperidine	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Naphthalene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Nitrobenzene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Pentachlorobenzene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Pentachloronitrobenzene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Pentachlorophenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Phenacetin	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Phenanthrene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-244					FWS-245					HOSB17				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR244					CLNWR245					HOSB17(0-0.5)				
	Sample Date:	09-SEP-03					09-SEP-03					06-DEC-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Benzoic Acid	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Benzyl Alcohol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Butyl benzyl phthalate	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Carbazole	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Chrysene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Dibenz(a,j)acridine	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Dibenzo(a,h)anthracene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Dibenzofuran	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Diethyl phthalate	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Dimethyl phthalate	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Diphenylamine	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Ethyl methanesulfonate	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Fluoranthene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Fluorene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Hexachlorocyclopentadiene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Hexachloroethane	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Indeno(1,2,3-cd)pyrene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Isophorone	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Methyl methanesulfonate	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
N-nitrosopiperidine	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Naphthalene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Nitrobenzene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Pentachlorobenzene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Pentachloronitrobenzene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Pentachlorophenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Phenacetin	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Phenanthrene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	HOSB18					LAP-31M1					LAP-31M2				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	HOSB18(0-0.5)					LAP-31M1					LAP-31M2				
	Sample Date:	06-DEC-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg						.36	U		.36		.34	U		.34	
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg						.9	U		.9		.86	U		.86	
Butyl benzyl phthalate	mg/kg						.36	U		.36		.34	U		.34	
Carbazole	mg/kg															
Chrysene	mg/kg						.36	U		.36		.34	U		.34	
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.36	U		.36		.34	U		.34	
Dibenzofuran	mg/kg						.36	U		.36		.34	U		.34	
Diethyl phthalate	mg/kg						.36	U		.36		.34	U		.34	
Dimethyl phthalate	mg/kg						.36	U		.36		.34	U		.34	
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg						.36	U		.36		.34	U		.34	
Fluorene	mg/kg						.36	U		.36		.34	U		.34	
Hexachlorobenzene	mg/kg						.36	U		.36		.34	U		.34	
Hexachlorobutadiene	mg/kg						.36	U		.36		.34	U		.34	
Hexachlorocyclopentadiene	mg/kg						.73	U		.73		.69	U		.69	
Hexachloroethane	mg/kg						.36	U		.36		.34	U		.34	
Indeno(1,2,3-cd)pyrene	mg/kg						.36	U		.36		.34	U		.34	
Isophorone	mg/kg						.36	U		.36		.34	U		.34	
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						.36	U		.36		.34	U		.34	
Nitrobenzene	mg/kg						.36	U		.36		.34	U		.34	
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg						.9	U		.9		.86	U		.86	
Phenacetin	mg/kg															
Phenanthrene	mg/kg						.36	U		.36		.34	U		.34	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:	LAP-35M2					LAP-39M1					LAP-81103				
Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:	LAP-35M2					LAP-39M1					LAP-81103				
Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group *Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	4.3	U		4.3		.88	U		.88		.94	U		.94	
Butyl benzyl phthalate	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Carbazole	mg/kg															
Chrysene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Dibenzofuran	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Diethyl phthalate	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Dimethyl phthalate	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Fluorene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Hexachlorobenzene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Hexachlorobutadiene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Hexachlorocyclopentadiene	mg/kg	3.4	U		3.4		.71	U	UJ	.71		.76	U	UJ	.76	
Hexachloroethane	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Indeno(1,2,3-cd)pyrene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Isophorone	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Nitrobenzene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	4.3	U		4.3		.89	U		.89		.94	U		.94	
Phenacetin	mg/kg															
Phenanthrene	mg/kg	1.8	U		1.8		.35	U		.35		.38	U		.38	

	Location Code:	LAP-81105					LAP-81109					LAP-81124				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81105					LAP-81109					LAP-81124				
	Sample Date:	10-JUL-00					11-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	1	U		1		9.1	U		9.1		.9	U		.9	
Butyl benzyl phthalate	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Carbazole	mg/kg															
Chrysene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Dibenzofuran	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Diethyl phthalate	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Dimethyl phthalate	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Fluorene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Hexachlorobenzene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Hexachlorobutadiene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Hexachlorocyclopentadiene	mg/kg	.81	U	UJ	.81		7.4	U		7.4		.73	U	UJ	.73	
Hexachloroethane	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Indeno(1,2,3-cd)pyrene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Isophorone	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Nitrobenzene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1	U		1		9.2	U		9.2		.9	U		.9	
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.4	U		.4		3.6	U		3.6		.36	U		.36	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LAP-81127					LAP-81129					LAP-81130				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-81127					LAP-81129					LAP-81130				
Sample Date:		10-JUL-00					11-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.87	U		.87		.86	U		.86		4.6	U		4.6	
Butyl benzyl phthalate	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Carbazole	mg/kg															
Chrysene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Dibenzofuran	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Diethyl phthalate	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Dimethyl phthalate	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Fluorene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Hexachlorobenzene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Hexachlorobutadiene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Hexachlorocyclopentadiene	mg/kg	.71	U	UJ	.71		.7	U	UJ	.7		3.6	U		3.6	
Hexachloroethane	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Indeno(1,2,3-cd)pyrene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Isophorone	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Nitrobenzene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.3			.87		1.7			.86		4.5	U		4.5	
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81146					LAP-81147					LAP-81152				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81146					LAP-81147					LAP-81152-FD				
	Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.34	U		.34		.35	U		.35						
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.86	U		.86		.89	U		.89						
Butyl benzyl phthalate	mg/kg	.34	U		.34		.35	U		.35						
Carbazole	mg/kg															
Chrysene	mg/kg	.34	U		.34		.35	U		.35						
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.34	U		.34		.35	U		.35						
Dibenzofuran	mg/kg	.34	U		.34		.35	U		.35						
Diethyl phthalate	mg/kg	.34	U		.34		.35	U		.35						
Dimethyl phthalate	mg/kg	.34	U		.34		.35	U		.35						
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.34	U		.34		.35	U		.35						
Fluorene	mg/kg	.34	U		.34		.35	U		.35						
Hexachlorobenzene	mg/kg	.34	U		.34		.35	U		.35						
Hexachlorobutadiene	mg/kg	.34	U		.34		.35	U		.35						
Hexachlorocyclopentadiene	mg/kg	.69	U	UJ	.69		.72	U	UJ	.72						
Hexachloroethane	mg/kg	.34	U		.34		.35	U		.35						
Indeno(1,2,3-cd)pyrene	mg/kg	.34	U		.34		.35	U		.35						
Isophorone	mg/kg	.34	U		.34		.35	U		.35						
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.34	U		.34		.35	U		.35						
Nitrobenzene	mg/kg	.34	U		.34		.35	U		.35						
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.86	U		.86		.89	U		.89						
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.34	U		.34		.35	U		.35						

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LAP-81152					LAP-81155					LAP-81156				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-81152					LAP-81155					LAP-81156				
Sample Date:		12-JUL-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.88	U		.88		.91	U		.91		.89	U		.89	
Butyl benzyl phthalate	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Carbazole	mg/kg															
Chrysene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Dibenzofuran	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Diethyl phthalate	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Dimethyl phthalate	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Fluorene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Hexachlorobenzene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Hexachlorobutadiene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Hexachlorocyclopentadiene	mg/kg	.71	U	UJ	.71		.74	U	UJ	.74		.72	U	UJ	.72	
Hexachloroethane	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Indeno(1,2,3-cd)pyrene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Isophorone	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Nitrobenzene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	3.2			.88		2.9			.91		4.7			.89	
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81158					XXSB15						XXSB16							
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area						Low Impact Sub-Area							
	Sample No:	LAP-81158					LHXX-SB15(0-2)						LHXX-SB16(0-3)							
	Sample Date:	12-JUL-00					09-MAR-93						09-MAR-93							
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 2						.0 - 3							
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*		*Result*	*Qual*	*VQ*	*RL*	*MDL*			
SEMIVOLATILES																				
Benzo(k)fluoranthene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Benzoic Acid	mg/kg						1.65	<	U	1.65	-99		1.65	<	U	1.65	-99			
Benzyl Alcohol	mg/kg	.93	U		.93		.65	<	U	.65	-99		.65	<	U	.65	-99			
Butyl benzyl phthalate	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Carbazole	mg/kg																			
Chrysene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Dibenz(a,j)acridine	mg/kg																			
Dibenzo(a,h)anthracene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Dibenzofuran	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Diethyl phthalate	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Dimethyl phthalate	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Diphenylamine	mg/kg																			
Ethyl methanesulfonate	mg/kg																			
Fluoranthene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Fluorene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Hexachlorobenzene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Hexachlorobutadiene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Hexachlorocyclopentadiene	mg/kg	.75	U		.75		.33	<	U	.33	-99		.33	<	U	.33	-99			
Hexachloroethane	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Indeno(1,2,3-cd)pyrene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Isophorone	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Methyl methanesulfonate	mg/kg																			
N-nitrosopiperidine	mg/kg																			
Naphthalene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Nitrobenzene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			
Pentachlorobenzene	mg/kg																			
Pentachloronitrobenzene	mg/kg																			
Pentachlorophenol	mg/kg	11			3.7		1.65	<	U	1.65	-99		1.65	<	U	1.65	-99			
Phenacetin	mg/kg																			
Phenanthrene	mg/kg	.37	U		.37		.33	<	U	.33	-99		.33	<	U	.33	-99			

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB16						XXSB17						XXSB18						
	Associated Site:	Low Impact Sub-Area						Low Impact Sub-Area						Low Impact Sub-Area						
	Sample No:	C940822-XXSB16-N00						LHXX-SB17(0-2)						LHXX-SB18 (0-2)						
	Sample Date:	22-AUG-94						09-MAR-93						10-MAR-93						
User Test Group	*Sample Depth:*	.0 - 0						.0 - 2						.0 - 2						
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*		*Result*	*Qual*	*VQ*	*RL*	*MDL*		*Result*	*Qual*	*VQ*	*RL*	*MDL*		
SEMIVOLATILES																				
Benzo(k)fluoranthene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Benzoic Acid	mg/kg							1.65	<	U	1.65	-99		1.65	<	U	1.65	-99		
Benzyl Alcohol	mg/kg							.65	<	U	.65	-99		.65	<	U	.65	-99		
Butyl benzyl phthalate	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Carbazole	mg/kg																			
Chrysene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Dibenz(a,j)acridine	mg/kg																			
Dibenzo(a,h)anthracene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Dibenzofuran	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Diethyl phthalate	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Dimethyl phthalate	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Diphenylamine	mg/kg																			
Ethyl methanesulfonate	mg/kg																			
Fluoranthene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Fluorene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Hexachlorobenzene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Hexachlorobutadiene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Hexachlorocyclopentadiene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Hexachloroethane	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Indeno(1,2,3-cd)pyrene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Isophorone	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Methyl methanesulfonate	mg/kg																			
N-nitrosopiperidine	mg/kg																			
Naphthalene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Nitrobenzene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		
Pentachlorobenzene	mg/kg																			
Pentachloronitrobenzene	mg/kg																			
Pentachlorophenol	mg/kg							1.65	<	U	1.65	-99		1.65	<	U	1.65	-99		
Phenacetin	mg/kg																			
Phenanthrene	mg/kg							.33	<	U	.33	-99		.33	<	U	.33	-99		

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		XXSB18					XXSB19					XXSB19				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		C940822-XXSB18-N00					LHXX-SB19(0-2.5					C940822-XXSB19-N00				
Sample Date:		22-AUG-94					09-MAR-93					22-AUG-94				
Sample Depth:		.0 - 0					.0 - 2.5					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg						.33	<	U	.33	-99					
Benzoic Acid	mg/kg						1.65	<	U	1.65	-99					
Benzyl Alcohol	mg/kg						.65	<	U	.65	-99					
Butyl benzyl phthalate	mg/kg						.33	<	U	.33	-99					
Carbazole	mg/kg															
Chrysene	mg/kg						.33	<	U	.33	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.33	<	U	.33	-99					
Dibenzofuran	mg/kg						.33	<	U	.33	-99					
Diethyl phthalate	mg/kg						.33	<	U	.33	-99					
Dimethyl phthalate	mg/kg						.33	<	U	.33	-99					
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg						.33	<	U	.33	-99					
Fluorene	mg/kg						.33	<	U	.33	-99					
Hexachlorobenzene	mg/kg						.33	<	U	.33	-99					
Hexachlorobutadiene	mg/kg						.33	<	U	.33	-99					
Hexachlorocyclopentadiene	mg/kg						.33	<	U	.33	-99					
Hexachloroethane	mg/kg						.33	<	U	.33	-99					
Indeno(1,2,3-cd)pyrene	mg/kg						.33	<	U	.33	-99					
Isophorone	mg/kg						.33	<	U	.33	-99					
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						.33	<	U	.33	-99					
Nitrobenzene	mg/kg						.33	<	U	.33	-99					
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg						1.65	<	U	1.65	-99					
Phenacetin	mg/kg															
Phenanthrene	mg/kg						.33	<	U	.33	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB20					XXSB20					XXSB21				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB20(0-2.5					C940823-XXSB20-N00					LHXX-SB21(0-2.5				
	Sample Date:	10-MAR-93					23-AUG-94					10-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2.5					.0 - 0					.0 - 2.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Benzoic Acid	mg/kg	1.65	<	U	1.65	-99	.48	<	U	.48		1.65	<	U	1.65	-99
Benzyl Alcohol	mg/kg	.65	<	U	.65	-99	.48	<	U	.48		.65	<	U	.65	-99
Butyl benzyl phthalate	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Dibenzofuran	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Diethyl phthalate	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Dimethyl phthalate	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Diphenylamine	mg/kg						1.441	<	U	1.441						
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Fluorene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Hexachlorobenzene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Hexachlorobutadiene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Hexachlorocyclopentadiene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Hexachloroethane	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Isophorone	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Nitrobenzene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.65	<	U	1.65	-99	1.2	<	U	1.2		1.65	<	U	1.65	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB21					XXSB21					XXSD16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB21(0-2.5QC					C940823-XXSB21-N00					LHXX-SD16				
	Sample Date:	10-MAR-93					23-AUG-94					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2.5					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(k)fluoranthene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Benzoic Acid	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
Benzyl Alcohol	mg/kg	.65	<	U	.65	-99						.65	<	U	.65	-99
Butyl benzyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Dibenzofuran	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Diethyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Dimethyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Fluorene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Hexachlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Hexachlorobutadiene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Hexachlorocyclopentadiene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Hexachloroethane	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Isophorone	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Nitrobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB03					11SB04					11SB04								
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area								
	Sample No:	LH11-SB03 (0-2)					LH11-SB04 (0-2)					C940822-11SB04-N00								
	Sample Date:	03-MAR-93					03-MAR-93					22-AUG-94								
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
Phenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
Pronamide	mg/kg																			
Pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
a,a-Dimethylphenethyl-amine	mg/kg																			
bis(2-Chloroethoxy)methane	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
bis(2-Chloroethyl)ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
bis(2-Chloroisopropyl)ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
bis(2-Ethylhexyl)phthalate	mg/kg	.369			.33	-99	.33	<	U	.33	-99									
di-n-Butyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
m-Cresol	mg/kg																			
n-Nitroso-di-n-propylamine	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
n-Nitrosodimethylamine	mg/kg																			
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
p-Bromofluorobenzene	mg/kg																			
p-Dimethylaminoazobenzene	mg/kg																			
SOLIDS																				
Percent Solids	Percent																			
TPH																				
Hydrocarbons as Diesel Fuel	mg/kg																			
Hydrocarbons as Gasoline	mg/kg																			
TOTAL HYDROCARBONS	mg/kg																			
VOLATILES																				
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
1,1-Dichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																	
Location Code:		11SB05					11SB05					11SB06					
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area					
Sample No:		LH11-SB05 (0-2)					C940822-11SB05-N00					LH11-SB06 (0-2)					
Sample Date:		04-MAR-93					22-AUG-94					04-MAR-93					
Sample Depth:		.0 - 2					.0 - 0					.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Pronamide	mg/kg															
Pyrene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
bis(2-Chloroethyl)ether	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
bis(2-Chloroisopropyl)ether	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
di-n-Butyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
1,1-Dichloroethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB06					11SD13					11WW01				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-11SB06-N00					LH11-SD13					11WW01 (0-2')				
	Sample Date:	22-AUG-94					31-MAR-93					22-AUG-94				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Phenol	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
Pronamide	mg/kg															
Pyrene	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
bis(2-Chloroethyl)ether	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
bis(2-Chloroisopropyl)ether	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
bis(2-Ethylhexyl)phthalate	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
di-n-Butyl phthalate	mg/kg						.941			.33	-99	.595			.38	-99
di-n-Octyl phthalate	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
m-Cresol	mg/kg											.38	<	U	.38	-99
n-Nitroso-di-n-propylamine	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg						.33	<	U	.33	-99	.38	<	U	.38	-99
p-Bromofluorobenzene	mg/kg											.38	<	U	.38	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11WW02					11WW03					27SB03				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	11WW02 (0-2')					11WW03 (0-2')					27SB03 (0-0.5)				
	Sample Date:	20-AUG-94					21-AUG-94					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
Pronamide	mg/kg															
Pyrene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
bis(2-Chloroethyl)ether	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
bis(2-Chloroisopropyl)ether	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
bis(2-Ethylhexyl)phthalate	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
di-n-Butyl phthalate	mg/kg	.634			.38	-99	.38	<	U	.38	-99					
di-n-Octyl phthalate	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
m-Cresol	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
n-Nitroso-di-n-propylamine	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
p-Bromofluorobenzene	mg/kg	.38	<	U	.38	-99	.38	<	U	.38	-99					
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent											11			0	0
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,1-Dichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB03					27SB03					27SB05				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB03 (0-0.5)QC					27SB03 (1-2)					27SB05 (0-0.5)				
		Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Phenol	mg/kg																
Pronamide	mg/kg																
Pyrene	mg/kg																
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg																
bis(2-Chloroethyl)ether	mg/kg																
bis(2-Chloroisopropyl)ether	mg/kg																
bis(2-Ethylhexyl)phthalate	mg/kg																
di-n-Butyl phthalate	mg/kg																
di-n-Octyl phthalate	mg/kg																
m-Cresol	mg/kg																
n-Nitroso-di-n-propylamine	mg/kg																
n-Nitrosodimethylamine	mg/kg																
n-Nitrosodiphenylamine	mg/kg																
p-Bromofluorobenzene	mg/kg																
p-Dimethylaminoazobenzene	mg/kg																
SOLIDS																	
Percent Solids	Percent		13.2			0	0	13.1			0	0	6.9			0	0
TPH																	
Hydrocarbons as Diesel Fuel	mg/kg																
Hydrocarbons as Gasoline	mg/kg																
TOTAL HYDROCARBONS	mg/kg																
VOLATILES																	
1,1,1-Trichloroethane	mg/kg																
1,1,2,2-Tetrachloroethane	mg/kg																
1,1,2-Trichloroethane	mg/kg																
1,1-Dichloroethane	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group / Parameter	Units	Location Code:	27SB05					27SB05					27SB11				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB05 (0-0.5)QC					27SB05 (1-2)					27SB11 (0-0.5)				
		Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Phenol	mg/kg																
Pronamide	mg/kg																
Pyrene	mg/kg																
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg																
bis(2-Chloroethyl)ether	mg/kg																
bis(2-Chloroisopropyl)ether	mg/kg																
bis(2-Ethylhexyl)phthalate	mg/kg																
di-n-Butyl phthalate	mg/kg																
di-n-Octyl phthalate	mg/kg																
m-Cresol	mg/kg																
n-Nitroso-di-n-propylamine	mg/kg																
n-Nitrosodimethylamine	mg/kg																
n-Nitrosodiphenylamine	mg/kg																
p-Bromofluorobenzene	mg/kg																
p-Dimethylaminoazobenzene	mg/kg																
SOLIDS																	
Percent Solids	Percent		8.8			0	0	6.9			0	0	15.2			0	0
TPH																	
Hydrocarbons as Diesel Fuel	mg/kg																
Hydrocarbons as Gasoline	mg/kg																
TOTAL HYDROCARBONS	mg/kg																
VOLATILES																	
1,1,1-Trichloroethane	mg/kg																
1,1,2,2-Tetrachloroethane	mg/kg																
1,1,2-Trichloroethane	mg/kg																
1,1-Dichloroethane	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	27SB11					27SB11					27SB34				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	27SB11 (0-0.5)QC					27SB11 (1-2)					LH27-SB34(0-3)				
		Sample Date:	04-OCT-00					04-OCT-00					19-MAR-93				
		Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 3				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Phenol	mg/kg												.33	<	U	.33	-99
Pronamide	mg/kg																
Pyrene	mg/kg												.33	<	U	.33	-99
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg												.33	<	U	.33	-99
bis(2-Chloroethyl)ether	mg/kg												.33	<	U	.33	-99
bis(2-Chloroisopropyl)ether	mg/kg												.33	<	U	.33	-99
bis(2-Ethylhexyl)phthalate	mg/kg												.33	<	U	.33	-99
di-n-Butyl phthalate	mg/kg												.33	<	U	.33	-99
di-n-Octyl phthalate	mg/kg												.33	<	U	.33	-99
m-Cresol	mg/kg																
n-Nitroso-di-n-propylamine	mg/kg												.33	<	U	.33	-99
n-Nitrosodimethylamine	mg/kg																
n-Nitrosodiphenylamine	mg/kg												.33	<	U	.33	-99
p-Bromofluorobenzene	mg/kg																
p-Dimethylaminoazobenzene	mg/kg																
SOLIDS																	
Percent Solids	Percent		14.3			0	0	15.1			0	0					
TPH																	
Hydrocarbons as Diesel Fuel	mg/kg																
Hydrocarbons as Gasoline	mg/kg																
TOTAL HYDROCARBONS	mg/kg																
VOLATILES																	
1,1,1-Trichloroethane	mg/kg												.005	<	U	.005	-99
1,1,2,2-Tetrachloroethane	mg/kg												.005	<	U	.005	-99
1,1,2-Trichloroethane	mg/kg												.005	<	U	.005	-99
1,1-Dichloroethane	mg/kg												.005	<	U	.005	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB34					27SB38					27WW01								
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area								
	Sample No:	LH27-SB34(0-3)QQC					LH27-SB38(0-2)					27WW01 (0-2')								
	Sample Date:	19-MAR-93					20-MAR-93					18-AUG-94								
User Test Group	*Sample Depth:*	.0 - 3					.0 - 2					.0 - 2								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
Phenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
Pronamide	mg/kg																			
Pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
a,a-Dimethylphenethyl-amine	mg/kg																			
bis(2-Chloroethoxy)methane	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
bis(2-Chloroethyl)ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
bis(2-Chloroisopropyl)ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
bis(2-Ethylhexyl)phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
di-n-Butyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
m-Cresol	mg/kg																			
n-Nitroso-di-n-propylamine	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
n-Nitrosodimethylamine	mg/kg																			
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99									
p-Bromofluorobenzene	mg/kg																			
p-Dimethylaminoazobenzene	mg/kg																			
SOLIDS																				
Percent Solids	Percent																			
TPH																				
Hydrocarbons as Diesel Fuel	mg/kg																			
Hydrocarbons as Gasoline	mg/kg																			
TOTAL HYDROCARBONS	mg/kg																			
VOLATILES																				
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
1,1-Dichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		400ASS01					400ASS01					400ASS02				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		400ASS01(0-0.5)					400ASS01(0-0.5)QC					400ASS02(0-0.5)				
Sample Date:		26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.038	<	UJ	.038	.038	.038	<	UJ	.038	.038	.037	<	U	.037	.037
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg															
bis(2-Chloroethyl)ether	mg/kg															
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg															
di-n-Butyl phthalate	mg/kg															
di-n-Octyl phthalate	mg/kg															
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg															
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		400ASS03					400ASS04					400ASS05				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		400ASS03(0-0.5)					400ASS04(0-0.5)					400ASS05(0-0.5)				
Sample Date:		26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.038	<	U	.038	.038	.036	<	U	.036	.036	.038	<	U	.038	.038
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg															
bis(2-Chloroethyl)ether	mg/kg															
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg															
di-n-Butyl phthalate	mg/kg															
di-n-Octyl phthalate	mg/kg															
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg															
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	400ASS06					400ASS06					FWS-003				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS06(0-0.5)					C981204-400ASS06-N00					C-SS-003				
	Sample Date:	26-JUL-98					04-DEC-98					27-AUG-02				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Phenol	mg/kg											.216	<	nv	.216	
Pronamide	mg/kg											.216	<	nv	.216	
Pyrene	mg/kg	.038	<	UJ	.038	.038	.04	<	U	.04	.04	.216	<	nv	.216	
a,a-Dimethylphenethyl-amine	mg/kg											.216	<	nv	.216	
bis(2-Chloroethoxy)methane	mg/kg											.216	<	nv	.216	
bis(2-Chloroethyl)ether	mg/kg											.216	<	nv	.216	
bis(2-Chloroisopropyl)ether	mg/kg											.216	<	nv	.216	
bis(2-Ethylhexyl)phthalate	mg/kg											.216	<	nv	.216	
di-n-Butyl phthalate	mg/kg											.216	<	nv	.216	
di-n-Octyl phthalate	mg/kg											.216	<	nv	.216	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg											.216	<	nv	.216	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg											.216	<	nv	.216	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg											.216	<	nv	.216	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-004					FWS-005					FWS-041				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-004					C-SS-005					C-SS-041				
	Sample Date:	27-AUG-02					27-AUG-02					25-SEP-02				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Phenol	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Pronamide	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
Pyrene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
a,a-Dimethylphenethyl-amine	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
bis(2-Chloroethoxy)methane	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
bis(2-Chloroethyl)ether	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
bis(2-Chloroisopropyl)ether	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
bis(2-Ethylhexyl)phthalate	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
di-n-Butyl phthalate	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
di-n-Octyl phthalate	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.199	<	nv	.199		.217	<	nv	.217		.295	<	nv	.295	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-042					FWS-043					FWS-050				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-042					C-SS-043					CLNWR050				
	Sample Date:	25-SEP-02					25-SEP-02					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Pronamide	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
Pyrene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
a,a-Dimethylphenethyl-amine	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
bis(2-Chloroethoxy)methane	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
bis(2-Chloroethyl)ether	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
bis(2-Chloroisopropyl)ether	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
bis(2-Ethylhexyl)phthalate	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
di-n-Butyl phthalate	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
di-n-Octyl phthalate	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.291	<	nv	.291		.383	<	nv	.383		.0351	<	nv	.0351	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-051					FWS-055					FWS-056				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR051					CLNWR055					CL056DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Pronamide	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
Pyrene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
a,a-Dimethylphenethyl-amine	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
bis(2-Chloroethoxy)methane	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
bis(2-Chloroethyl)ether	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
bis(2-Chloroisopropyl)ether	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
bis(2-Ethylhexyl)phthalate	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
di-n-Butyl phthalate	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
di-n-Octyl phthalate	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0362	<	nv	.0362		.0416	<	nv	.0416		.0313	<	nv	.0313	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-056					FWS-062					FWS-063				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR056					CLNWR062					CLNWR063				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Pronamide	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
Pyrene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
a,a-Dimethylphenethyl-amine	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
bis(2-Chloroethoxy)methane	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
bis(2-Chloroethyl)ether	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
bis(2-Chloroisopropyl)ether	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
bis(2-Ethylhexyl)phthalate	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
di-n-Butyl phthalate	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
di-n-Octyl phthalate	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0315	<	nv	.0315		.0274	<	nv	.0274		.0388	<	nv	.0388	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-073					FWS-074					FWS-075				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR073					CLNWR074					CL075DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Pronamide	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
Pyrene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
a,a-Dimethylphenethyl-amine	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
bis(2-Chloroethoxy)methane	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
bis(2-Chloroethyl)ether	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
bis(2-Chloroisopropyl)ether	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
bis(2-Ethylhexyl)phthalate	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
di-n-Butyl phthalate	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
di-n-Octyl phthalate	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0347	<	nv	.0347		.0302	<	nv	.0302		.0313	<	nv	.0313	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-075					FWS-076					FWS-077				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR075					CLNWR076					CLNWR077				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Pronamide	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
Pyrene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
a,a-Dimethylphenethyl-amine	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
bis(2-Chloroethoxy)methane	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
bis(2-Chloroethyl)ether	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
bis(2-Chloroisopropyl)ether	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
bis(2-Ethylhexyl)phthalate	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
di-n-Butyl phthalate	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
di-n-Octyl phthalate	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0365	<	nv	.0365		.0476	<	nv	.0476		.0349	<	nv	.0349	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-078					FWS-079					FWS-080				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR078					CLNWR079					CLNWR080				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Pronamide	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
Pyrene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
a,a-Dimethylphenethyl-amine	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
bis(2-Chloroethoxy)methane	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
bis(2-Chloroethyl)ether	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
bis(2-Chloroisopropyl)ether	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
bis(2-Ethylhexyl)phthalate	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
di-n-Butyl phthalate	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
di-n-Octyl phthalate	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0342	<	nv	.0342		.0335	<	nv	.0335		.0333	<	nv	.0333	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-081					FWS-082					FWS-083				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR081					CLNWR082					CLNWR083				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Pronamide	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
Pyrene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
a,a-Dimethylphenethyl-amine	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
bis(2-Chloroethoxy)methane	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
bis(2-Chloroethyl)ether	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
bis(2-Chloroisopropyl)ether	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
bis(2-Ethylhexyl)phthalate	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
di-n-Butyl phthalate	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
di-n-Octyl phthalate	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0343	<	nv	.0343		.0367	<	nv	.0367		.0353	<	nv	.0353	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-084					FWS-085					FWS-086				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR084					CLNWR085					CLNWR086				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Pronamide	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
Pyrene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
a,a-Dimethylphenethyl-amine	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
bis(2-Chloroethoxy)methane	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
bis(2-Chloroethyl)ether	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
bis(2-Chloroisopropyl)ether	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
bis(2-Ethylhexyl)phthalate	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
di-n-Butyl phthalate	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
di-n-Octyl phthalate	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.033	<	nv	.033		.0336	<	nv	.0336		.0317	<	nv	.0317	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code	Result	Qual	VQ	RL	MDL	Location Code	Result	Qual	VQ	RL	MDL	Location Code	Result	Qual	VQ	RL	MDL
		Associated Site						Associated Site						Associated Site					
		Sample No						Sample No						Sample No					
		Sample Date						Sample Date						Sample Date					
		Sample Depth						Sample Depth						Sample Depth					
			FWS-087						FWS-095						FWS-098				
			Low Impact Sub-Area						Low Impact Sub-Area						Low Impact Sub-Area				
			CLNWR087						CLNWR095						CLNWR098				
			09-SEP-03						09-SEP-03						09-SEP-03				
			.0 - 0.5						.0 - 0.5						.0 - 0.5				
SEMIVOLATILES																			
Phenol	mg/kg		.0301	<	nv	.0301			1.04		nv	.0348			.0407		nv	.0316	
Pronamide	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
Pyrene	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
a,a-Dimethylphenethyl-amine	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
bis(2-Chloroethoxy)methane	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
bis(2-Chloroethyl)ether	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
bis(2-Chloroisopropyl)ether	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
bis(2-Ethylhexyl)phthalate	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
di-n-Butyl phthalate	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
di-n-Octyl phthalate	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
m-Cresol	mg/kg																		
n-Nitroso-di-n-propylamine	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
n-Nitrosodimethylamine	mg/kg																		
n-Nitrosodiphenylamine	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
p-Bromofluorobenzene	mg/kg																		
p-Dimethylaminoazobenzene	mg/kg		.0301	<	nv	.0301			.0348	<	nv	.0348			.0316	<	nv	.0316	
SOLIDS																			
Percent Solids	Percent																		
TPH																			
Hydrocarbons as Diesel Fuel	mg/kg																		
Hydrocarbons as Gasoline	mg/kg																		
TOTAL HYDROCARBONS	mg/kg																		
VOLATILES																			
1,1,1-Trichloroethane	mg/kg																		
1,1,2,2-Tetrachloroethane	mg/kg																		
1,1,2-Trichloroethane	mg/kg																		
1,1-Dichloroethane	mg/kg																		

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-102					FWS-103					FWS-104				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR102					CLNWR103					CLNWR104				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	UJL	.0349	
Pronamide	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
Pyrene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
a,a-Dimethylphenethyl-amine	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
bis(2-Chloroethoxy)methane	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
bis(2-Chloroethyl)ether	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
bis(2-Chloroisopropyl)ether	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
bis(2-Ethylhexyl)phthalate	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
di-n-Butyl phthalate	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
di-n-Octyl phthalate	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0299	<	nv	.0299		.0332	<	nv	.0332		.0349	<	nv	.0349	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-105					FWS-106					FWS-107				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR105					CLNWR106					CLNWR107				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Pronamide	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
Pyrene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
a,a-Dimethylphenethyl-amine	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
bis(2-Chloroethoxy)methane	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
bis(2-Chloroethyl)ether	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
bis(2-Chloroisopropyl)ether	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
bis(2-Ethylhexyl)phthalate	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
di-n-Butyl phthalate	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
di-n-Octyl phthalate	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0295	<	nv	.0295		.033	<	nv	.033		.0285	<	nv	.0285	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-109					FWS-110					FWS-111				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR109					CLNWR110					CLNWR111				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Pronamide	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
Pyrene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
a,a-Dimethylphenethyl-amine	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
bis(2-Chloroethoxy)methane	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
bis(2-Chloroethyl)ether	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
bis(2-Chloroisopropyl)ether	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
bis(2-Ethylhexyl)phthalate	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0308		nv	.0278	
di-n-Butyl phthalate	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
di-n-Octyl phthalate	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0331	<	nv	.0331		.0365	<	nv	.0365		.0278	<	nv	.0278	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-120					FWS-127					FWS-136				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR120					CLNWR127					CLNWR136				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Pronamide	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
Pyrene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
a,a-Dimethylphenethyl-amine	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
bis(2-Chloroethoxy)methane	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
bis(2-Chloroethyl)ether	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
bis(2-Chloroisopropyl)ether	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
bis(2-Ethylhexyl)phthalate	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
di-n-Butyl phthalate	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
di-n-Octyl phthalate	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0306	<	nv	.0306		.0291	<	nv	.0291		.0357	<	nv	.0357	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-140					FWS-140					FWS-141				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CL140DUP					CLNWR140					CLNWR141				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Pronamide	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
Pyrene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
a,a-Dimethylphenethyl-amine	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
bis(2-Chloroethoxy)methane	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
bis(2-Chloroethyl)ether	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
bis(2-Chloroisopropyl)ether	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
bis(2-Ethylhexyl)phthalate	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
di-n-Butyl phthalate	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
di-n-Octyl phthalate	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0375	<	nv	.0375		.0426	<	nv	.0426		.0322	<	nv	.0322	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-142					FWS-143					FWS-144				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR142					CLNWR143					CLNWR144				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Pronamide	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
Pyrene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
a,a-Dimethylphenethyl-amine	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
bis(2-Chloroethoxy)methane	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
bis(2-Chloroethyl)ether	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
bis(2-Chloroisopropyl)ether	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
bis(2-Ethylhexyl)phthalate	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
di-n-Butyl phthalate	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
di-n-Octyl phthalate	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0329	<	nv	.0329		.0334	<	nv	.0334		.0289	<	nv	.0289	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-145					FWS-146					FWS-147				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR145					CLNWR146					CLNWR147				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Pronamide	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
Pyrene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
a,a-Dimethylphenethyl-amine	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
bis(2-Chloroethoxy)methane	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
bis(2-Chloroethyl)ether	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
bis(2-Chloroisopropyl)ether	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
bis(2-Ethylhexyl)phthalate	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
di-n-Butyl phthalate	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
di-n-Octyl phthalate	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0309	<	nv	.0309		.0298	<	nv	.0298		.0294	<	nv	.0294	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-148					FWS-150					FWS-151				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR148					CLNWR150					CLNWR151				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Pronamide	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
Pyrene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
a,a-Dimethylphenethyl-amine	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
bis(2-Chloroethoxy)methane	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
bis(2-Chloroethyl)ether	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
bis(2-Chloroisopropyl)ether	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
bis(2-Ethylhexyl)phthalate	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
di-n-Butyl phthalate	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
di-n-Octyl phthalate	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.028	<	nv	.028		.0364	<	nv	.0364		.0408	<	nv	.0408	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-152					FWS-152					FWS-155				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CL152DUP					CLNWR152					CLNWR155				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Pronamide	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
Pyrene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
a,a-Dimethylphenethyl-amine	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
bis(2-Chloroethoxy)methane	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
bis(2-Chloroethyl)ether	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
bis(2-Chloroisopropyl)ether	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
bis(2-Ethylhexyl)phthalate	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
di-n-Butyl phthalate	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
di-n-Octyl phthalate	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0372	<	nv	.0372		.0374	<	nv	.0374		.0338	<	nv	.0338	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-156					FWS-158					FWS-159				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR156					CLNWR158					CLNWR159				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Pronamide	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
Pyrene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
a,a-Dimethylphenethyl-amine	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
bis(2-Chloroethoxy)methane	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
bis(2-Chloroethyl)ether	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
bis(2-Chloroisopropyl)ether	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
bis(2-Ethylhexyl)phthalate	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
di-n-Butyl phthalate	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
di-n-Octyl phthalate	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0321	<	nv	.0321		.0326	<	nv	.0326		.0358	<	nv	.0358	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-169					FWS-172					FWS-173				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR169					CLNWR172					CLNWR173				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Pronamide	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
Pyrene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
a,a-Dimethylphenethyl-amine	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
bis(2-Chloroethoxy)methane	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
bis(2-Chloroethyl)ether	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
bis(2-Chloroisopropyl)ether	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
bis(2-Ethylhexyl)phthalate	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
di-n-Butyl phthalate	mg/kg	.0307	<	nv	.0307		.0519		nv	.0312		.0404		nv	.0349	
di-n-Octyl phthalate	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0307	<	nv	.0307		.0312	<	nv	.0312		.0349	<	nv	.0349	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-174					FWS-175					FWS-179				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR174					CLNWR175					CLNWR179				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Pronamide	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
Pyrene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
a,a-Dimethylphenethyl-amine	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
bis(2-Chloroethoxy)methane	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
bis(2-Chloroethyl)ether	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
bis(2-Chloroisopropyl)ether	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
bis(2-Ethylhexyl)phthalate	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
di-n-Butyl phthalate	mg/kg	.0341	<	nv	.0341		.0435		nv	.033		.0305		nv	.0303	
di-n-Octyl phthalate	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0341	<	nv	.0341		.033	<	nv	.033		.0303	<	nv	.0303	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-181					FWS-183					FWS-184				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR181					CLNWR183					CLNWR184				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Phenol	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Pronamide	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
Pyrene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
a,a-Dimethylphenethyl-amine	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
bis(2-Chloroethoxy)methane	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
bis(2-Chloroethyl)ether	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
bis(2-Chloroisopropyl)ether	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
bis(2-Ethylhexyl)phthalate	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0443		nv	.0311	
di-n-Butyl phthalate	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
di-n-Octyl phthalate	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0343	<	nv	.0343		.0344	<	nv	.0344		.0311	<	nv	.0311	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-185					FWS-186					FWS-186				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR185					CL186DUP					CLNWR186				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
Pronamide	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
Pyrene	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
a,a-Dimethylphenethyl-amine	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
bis(2-Chloroethoxy)methane	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
bis(2-Chloroethyl)ether	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
bis(2-Chloroisopropyl)ether	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
bis(2-Ethylhexyl)phthalate	mg/kg	.0386	<	nv	.0386		.0349	<	UJL	.0349		.0348	<	nv	.0348	
di-n-Butyl phthalate	mg/kg	.0386	<	nv	.0386		.0551		nv	.0349		.0348	<	nv	.0348	
di-n-Octyl phthalate	mg/kg	.0386	<	nv	.0386		.0349	<	UJL	.0349		.0348	<	nv	.0348	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0386	<	nv	.0386		.0349	<	nv	.0349		.0348	<	nv	.0348	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-187					FWS-188					FWS-197				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR187					CLNWR188					CLNWR197				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Pronamide	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
Pyrene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
a,a-Dimethylphenethyl-amine	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
bis(2-Chloroethoxy)methane	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
bis(2-Chloroethyl)ether	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
bis(2-Chloroisopropyl)ether	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
bis(2-Ethylhexyl)phthalate	mg/kg	.0333	<	nv	.0333		.0559		nv	.0332		.0326	<	nv	.0326	
di-n-Butyl phthalate	mg/kg	.0333	<	nv	.0333		.0336		nv	.0332		.0326	<	nv	.0326	
di-n-Octyl phthalate	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0333	<	nv	.0333		.0332	<	nv	.0332		.0326	<	nv	.0326	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-198					FWS-199					FWS-200				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR198					CLNWR199					CL200DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Pronamide	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
Pyrene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
a,a-Dimethylphenethyl-amine	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
bis(2-Chloroethoxy)methane	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
bis(2-Chloroethyl)ether	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
bis(2-Chloroisopropyl)ether	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
bis(2-Ethylhexyl)phthalate	mg/kg	.0319	<	nv	.0319		.0315		nv	.0302		.0361	<	nv	.0361	
di-n-Butyl phthalate	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
di-n-Octyl phthalate	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0319	<	nv	.0319		.0302	<	nv	.0302		.0361	<	nv	.0361	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-200					FWS-201					FWS-201				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR200					CL201DUP					CLNWR201				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Phenol	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Pronamide	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
Pyrene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
a,a-Dimethylphenethyl-amine	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
bis(2-Chloroethoxy)methane	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
bis(2-Chloroethyl)ether	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
bis(2-Chloroisopropyl)ether	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
bis(2-Ethylhexyl)phthalate	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
di-n-Butyl phthalate	mg/kg	.0426		nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
di-n-Octyl phthalate	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0345	<	nv	.0345		.0394	<	nv	.0394		.0379	<	nv	.0379	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code	Result	Qual	VQ	RL	MDL	Location Code	Result	Qual	VQ	RL	MDL	Location Code	Result	Qual	VQ	RL	MDL
		Associated Site						Associated Site						Associated Site					
		Sample No:						Sample No:						Sample No:					
		Sample Date:						Sample Date:						Sample Date:					
		Sample Depth:						Sample Depth:						Sample Depth:					
			FWS-202					FWS-203						FWS-204					
			Low Impact Sub-Area					Low Impact Sub-Area						Low Impact Sub-Area					
			CLNWR202					CLNWR203						CLNWR204					
			09-SEP-03					09-SEP-03						09-SEP-03					
			.0 - 0.5					.0 - 0.5						.0 - 0.5					
SEMIVOLATILES																			
Phenol	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
Pronamide	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
Pyrene	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
a,a-Dimethylphenethyl-amine	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
bis(2-Chloroethoxy)methane	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
bis(2-Chloroethyl)ether	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
bis(2-Chloroisopropyl)ether	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
bis(2-Ethylhexyl)phthalate	mg/kg		.0326	<	nv	.0326			.0921		nv	.0304			.0299	<	nv	.0299	
di-n-Butyl phthalate	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
di-n-Octyl phthalate	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
m-Cresol	mg/kg																		
n-Nitroso-di-n-propylamine	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
n-Nitrosodimethylamine	mg/kg																		
n-Nitrosodiphenylamine	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
p-Bromofluorobenzene	mg/kg																		
p-Dimethylaminoazobenzene	mg/kg		.0326	<	nv	.0326			.0304	<	nv	.0304			.0299	<	nv	.0299	
SOLIDS																			
Percent Solids	Percent																		
TPH																			
Hydrocarbons as Diesel Fuel	mg/kg																		
Hydrocarbons as Gasoline	mg/kg																		
TOTAL HYDROCARBONS	mg/kg																		
VOLATILES																			
1,1,1-Trichloroethane	mg/kg																		
1,1,2,2-Tetrachloroethane	mg/kg																		
1,1,2-Trichloroethane	mg/kg																		
1,1-Dichloroethane	mg/kg																		

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-205					FWS-206					FWS-207				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR205					CLNWR206					CLNWR207				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Pronamide	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
Pyrene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
a,a-Dimethylphenethyl-amine	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
bis(2-Chloroethoxy)methane	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
bis(2-Chloroethyl)ether	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
bis(2-Chloroisopropyl)ether	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
bis(2-Ethylhexyl)phthalate	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
di-n-Butyl phthalate	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
di-n-Octyl phthalate	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0302	<	nv	.0302		.0398	<	nv	.0398		.0303	<	nv	.0303	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-208					FWS-209					FWS-209				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR208					CL209DUP					CLNWR209				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Phenol	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Pronamide	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
Pyrene	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
a,a-Dimethylphenethyl-amine	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
bis(2-Chloroethoxy)methane	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
bis(2-Chloroethyl)ether	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
bis(2-Chloroisopropyl)ether	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
bis(2-Ethylhexyl)phthalate	mg/kg		.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
di-n-Butyl phthalate	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
di-n-Octyl phthalate	mg/kg		.0369	<	nv	.0369		.0316	<	UJL	.0316		.0313	<	nv	.0313	
m-Cresol	mg/kg																
n-Nitroso-di-n-propylamine	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
n-Nitrosodimethylamine	mg/kg																
n-Nitrosodiphenylamine	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
p-Bromofluorobenzene	mg/kg																
p-Dimethylaminoazobenzene	mg/kg		.0369	<	nv	.0369		.0316	<	nv	.0316		.0313	<	nv	.0313	
SOLIDS																	
Percent Solids	Percent																
TPH																	
Hydrocarbons as Diesel Fuel	mg/kg																
Hydrocarbons as Gasoline	mg/kg																
TOTAL HYDROCARBONS	mg/kg																
VOLATILES																	
1,1,1-Trichloroethane	mg/kg																
1,1,2,2-Tetrachloroethane	mg/kg																
1,1,2-Trichloroethane	mg/kg																
1,1-Dichloroethane	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-210					FWS-211					FWS-212				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR210					CLNWR211					CLNWR212				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Pronamide	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
Pyrene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
a,a-Dimethylphenethyl-amine	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
bis(2-Chloroethoxy)methane	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
bis(2-Chloroethyl)ether	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
bis(2-Chloroisopropyl)ether	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
bis(2-Ethylhexyl)phthalate	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
di-n-Butyl phthalate	mg/kg	.0331		nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
di-n-Octyl phthalate	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0298	<	nv	.0298		.0333	<	nv	.0333		.0299	<	nv	.0299	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-213					FWS-214					FWS-214				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR213					CL214DUP					CLNWR214				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Phenol	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Pronamide	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
Pyrene	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
a,a-Dimethylphenethyl-amine	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
bis(2-Chloroethoxy)methane	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
bis(2-Chloroethyl)ether	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
bis(2-Chloroisopropyl)ether	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
bis(2-Ethylhexyl)phthalate	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
di-n-Butyl phthalate	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
di-n-Octyl phthalate	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
m-Cresol	mg/kg																
n-Nitroso-di-n-propylamine	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
n-Nitrosodimethylamine	mg/kg																
n-Nitrosodiphenylamine	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
p-Bromofluorobenzene	mg/kg																
p-Dimethylaminoazobenzene	mg/kg		.0298	<	nv	.0298		.0334	<	nv	.0334		.0309	<	nv	.0309	
SOLIDS																	
Percent Solids	Percent																
TPH																	
Hydrocarbons as Diesel Fuel	mg/kg																
Hydrocarbons as Gasoline	mg/kg																
TOTAL HYDROCARBONS	mg/kg																
VOLATILES																	
1,1,1-Trichloroethane	mg/kg																
1,1,2,2-Tetrachloroethane	mg/kg																
1,1,2-Trichloroethane	mg/kg																
1,1-Dichloroethane	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-216					FWS-217					FWS-218				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR216					CLNWR217					CLNWR218				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Pronamide	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
Pyrene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
a,a-Dimethylphenethyl-amine	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
bis(2-Chloroethoxy)methane	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
bis(2-Chloroethyl)ether	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
bis(2-Chloroisopropyl)ether	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
bis(2-Ethylhexyl)phthalate	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
di-n-Butyl phthalate	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
di-n-Octyl phthalate	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0295	<	nv	.0295		.0398	<	nv	.0398		.0309	<	nv	.0309	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-219					FWS-223					FWS-226				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR219					CLNWR223					CLNWR226				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Pronamide	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
Pyrene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
a,a-Dimethylphenethyl-amine	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
bis(2-Chloroethoxy)methane	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
bis(2-Chloroethyl)ether	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
bis(2-Chloroisopropyl)ether	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
bis(2-Ethylhexyl)phthalate	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
di-n-Butyl phthalate	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
di-n-Octyl phthalate	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0287	<	nv	.0287		.0374	<	nv	.0374		.0351	<	nv	.0351	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-228					FWS-232					FWS-235				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR228					CLNWR232					CLNWR235				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Phenol	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Pronamide	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
Pyrene	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
a,a-Dimethylphenethyl-amine	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
bis(2-Chloroethoxy)methane	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
bis(2-Chloroethyl)ether	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
bis(2-Chloroisopropyl)ether	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
bis(2-Ethylhexyl)phthalate	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
di-n-Butyl phthalate	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
di-n-Octyl phthalate	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
m-Cresol	mg/kg																
n-Nitroso-di-n-propylamine	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
n-Nitrosodimethylamine	mg/kg																
n-Nitrosodiphenylamine	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
p-Bromofluorobenzene	mg/kg																
p-Dimethylaminoazobenzene	mg/kg		.0365	<	nv	.0365		.0339	<	nv	.0339		.0332	<	nv	.0332	
SOLIDS																	
Percent Solids	Percent																
TPH																	
Hydrocarbons as Diesel Fuel	mg/kg																
Hydrocarbons as Gasoline	mg/kg																
TOTAL HYDROCARBONS	mg/kg																
VOLATILES																	
1,1,1-Trichloroethane	mg/kg																
1,1,2,2-Tetrachloroethane	mg/kg																
1,1,2-Trichloroethane	mg/kg																
1,1-Dichloroethane	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-236					FWS-237					FWS-238				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR236					CLNWR237					CL238DUP				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	UJL	.0341	
Pronamide	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
Pyrene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
a,a-Dimethylphenethyl-amine	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
bis(2-Chloroethoxy)methane	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
bis(2-Chloroethyl)ether	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
bis(2-Chloroisopropyl)ether	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
bis(2-Ethylhexyl)phthalate	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
di-n-Butyl phthalate	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0347		nv	.0341	
di-n-Octyl phthalate	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0342	<	nv	.0342		.0326	<	nv	.0326		.0341	<	nv	.0341	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-238					FWS-239					FWS-240				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR238					CLNWR239					CLNWR240				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Pronamide	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
Pyrene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
a,a-Dimethylphenethyl-amine	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
bis(2-Chloroethoxy)methane	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
bis(2-Chloroethyl)ether	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
bis(2-Chloroisopropyl)ether	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
bis(2-Ethylhexyl)phthalate	mg/kg	.0502		nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
di-n-Butyl phthalate	mg/kg	.0411		nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
di-n-Octyl phthalate	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0351	<	nv	.0351		.0344	<	nv	.0344		.0359	<	nv	.0359	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-241					FWS-242					FWS-243				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR241					CLNWR242					CLNWR243				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Pronamide	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
Pyrene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
a,a-Dimethylphenethyl-amine	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
bis(2-Chloroethoxy)methane	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
bis(2-Chloroethyl)ether	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
bis(2-Chloroisopropyl)ether	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
bis(2-Ethylhexyl)phthalate	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
di-n-Butyl phthalate	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
di-n-Octyl phthalate	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0352	<	nv	.0352		.0344	<	nv	.0344		.0311	<	nv	.0311	
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code: FWS-244 / Associated Site: Low Impact Sub-Area / Sample No: CLNWR244 / Sample Date: 09-SEP-03 / Sample Depth: .0 - 0.5					Location Code: FWS-245 / Associated Site: Low Impact Sub-Area / Sample No: CLNWR245 / Sample Date: 09-SEP-03 / Sample Depth: .0 - 0.5					Location Code: HOSB17 / Associated Site: Low Impact Sub-Area / Sample No: HOSB17(0-0.5) / Sample Date: 06-DEC-00 / Sample Depth: .0 - 0.5				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Phenol	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Pronamide	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
Pyrene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
a,a-Dimethylphenethyl-amine	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
bis(2-Chloroethoxy)methane	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
bis(2-Chloroethyl)ether	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
bis(2-Chloroisopropyl)ether	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
bis(2-Ethylhexyl)phthalate	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
di-n-Butyl phthalate	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
di-n-Octyl phthalate	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0373	<	nv	.0373		.0337	<	nv	.0337						
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg											56	<	U	56	56
Hydrocarbons as Gasoline	mg/kg											56	<	U	56	56
TOTAL HYDROCARBONS	mg/kg											56	<	U	56	56
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	HOSB18					LAP-31M1					LAP-31M2				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	HOSB18(0-0.5)					LAP-31M1					LAP-31M2				
	Sample Date:	06-DEC-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg						.36	U		.36		.34	U		.34	
Pronamide	mg/kg															
Pyrene	mg/kg						.36	U		.36		.34	U		.34	
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						.36	U		.36		.34	U		.34	
bis(2-Chloroethyl)ether	mg/kg						.36	U		.36		.34	U		.34	
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg						.89			.36		.37			.34	
di-n-Butyl phthalate	mg/kg						.36	U		.36		.34	U		.34	
di-n-Octyl phthalate	mg/kg						.36	U		.36		.34	U		.34	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg						.36	U		.36		.34	U		.34	
n-Nitrosodimethylamine	mg/kg						.36	U		.36		.34	U		.34	
n-Nitrosodiphenylamine	mg/kg						.36	U		.36		.34	U		.34	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg	57.9	<	U	57.9	58										
Hydrocarbons as Gasoline	mg/kg	57.9	<	U	57.9	58										
TOTAL HYDROCARBONS	mg/kg	57.9	<	U	57.9	58										
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	LAP-35M2					LAP-39M1					LAP-81103				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LAP-35M2					LAP-39M1					LAP-81103				
		Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Phenol	mg/kg		1.8	U		1.8		.35	U		.35		.38	U		.38	
Pronamide	mg/kg																
Pyrene	mg/kg		1.8	U		1.8		.35	U		.35		.38	U		.38	
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg		1.8	U		1.8		.35	U		.35		.38	U		.38	
bis(2-Chloroethyl)ether	mg/kg		1.8	U		1.8		.35	U		.35		.38	U		.38	
bis(2-Chloroisopropyl)ether	mg/kg																
bis(2-Ethylhexyl)phthalate	mg/kg		1.8	U		1.8		1.5			.35		.38	U		.38	
di-n-Butyl phthalate	mg/kg		1.8	U		1.8		.35	U		.35		.38	U		.38	
di-n-Octyl phthalate	mg/kg		1.8	U		1.8		.35	U		.35		.38	U		.38	
m-Cresol	mg/kg																
n-Nitroso-di-n-propylamine	mg/kg		1.8	U		1.8		.35	U		.35		.38	U		.38	
n-Nitrosodimethylamine	mg/kg		1.8	U		1.8		.35	U		.35		.38	U	UJ	.38	
n-Nitrosodiphenylamine	mg/kg		1.8	U		1.8		.35	U		.35		.38	U		.38	
p-Bromofluorobenzene	mg/kg																
p-Dimethylaminoazobenzene	mg/kg																
SOLIDS																	
Percent Solids	Percent																
TPH																	
Hydrocarbons as Diesel Fuel	mg/kg																
Hydrocarbons as Gasoline	mg/kg																
TOTAL HYDROCARBONS	mg/kg																
VOLATILES																	
1,1,1-Trichloroethane	mg/kg																
1,1,2,2-Tetrachloroethane	mg/kg																
1,1,2-Trichloroethane	mg/kg																
1,1-Dichloroethane	mg/kg																

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	LAP-81105					LAP-81109					LAP-81124				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LAP-81105					LAP-81109					LAP-81124				
		Sample Date:	10-JUL-00					11-JUL-00					10-JUL-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Phenol	mg/kg		.4	U		.4		3.6	U		3.6		.36	U		.36	
Pronamide	mg/kg																
Pyrene	mg/kg		.4	U		.4		3.6	U		3.6		.36	U		.36	
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg		.4	U		.4		3.6	U		3.6		.36	U		.36	
bis(2-Chloroethyl)ether	mg/kg		.4	U		.4		3.6	U		3.6		.36	U		.36	
bis(2-Chloroisopropyl)ether	mg/kg																
bis(2-Ethylhexyl)phthalate	mg/kg		.4	U		.4		3.6	U		3.6		.36	U		.36	
di-n-Butyl phthalate	mg/kg		.4	U		.4		3.6	U		3.6		.36	U		.36	
di-n-Octyl phthalate	mg/kg		.4	U		.4		3.6	U		3.6		.36	U		.36	
m-Cresol	mg/kg																
n-Nitroso-di-n-propylamine	mg/kg		.4	U		.4		3.6	U		3.6		.36	U		.36	
n-Nitrosodimethylamine	mg/kg		.4	U	UJ	.4		3.6	U		3.6		.36	U	UJ	.36	
n-Nitrosodiphenylamine	mg/kg		.4	U		.4		3.6	U		3.6		.36	U		.36	
p-Bromofluorobenzene	mg/kg																
p-Dimethylaminoazobenzene	mg/kg																
SOLIDS																	
Percent Solids	Percent																
TPH																	
Hydrocarbons as Diesel Fuel	mg/kg																
Hydrocarbons as Gasoline	mg/kg																
TOTAL HYDROCARBONS	mg/kg																
VOLATILES																	
1,1,1-Trichloroethane	mg/kg																
1,1,2,2-Tetrachloroethane	mg/kg																
1,1,2-Trichloroethane	mg/kg																
1,1-Dichloroethane	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LAP-81127					LAP-81129					LAP-81130				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-81127					LAP-81129					LAP-81130				
Sample Date:		10-JUL-00					11-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
Pronamide	mg/kg															
Pyrene	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
bis(2-Chloroethyl)ether	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
di-n-Butyl phthalate	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
di-n-Octyl phthalate	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
n-Nitrosodimethylamine	mg/kg	.35	U	UJ	.35		.34	U		.34		1.8	U		1.8	
n-Nitrosodiphenylamine	mg/kg	.35	U		.35		.34	U		.34		1.8	U		1.8	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Low Impact Sub-Area
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	LAP-81146					LAP-81147					LAP-81152				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LAP-81146					LAP-81147					LAP-81152-FD				
		Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Phenol	mg/kg		.34	U		.34		.35	U		.35						
Pronamide	mg/kg																
Pyrene	mg/kg		.34	U		.34		.35	U		.35						
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg		.34	U		.34		.35	U		.35						
bis(2-Chloroethyl)ether	mg/kg		.34	U		.34		.35	U		.35						
bis(2-Chloroisopropyl)ether	mg/kg																
bis(2-Ethylhexyl)phthalate	mg/kg		.34	U		.34		.35	U		.35						
di-n-Butyl phthalate	mg/kg		.34	U		.34		.35	U		.35						
di-n-Octyl phthalate	mg/kg		.34	U		.34		.35	U		.35						
m-Cresol	mg/kg																
n-Nitroso-di-n-propylamine	mg/kg		.34	U		.34		.35	U		.35						
n-Nitrosodimethylamine	mg/kg		.34	U		.34		.35	U		.35						
n-Nitrosodiphenylamine	mg/kg		.34	U		.34		.35	U		.35						
p-Bromofluorobenzene	mg/kg																
p-Dimethylaminoazobenzene	mg/kg																
SOLIDS																	
Percent Solids	Percent																
TPH																	
Hydrocarbons as Diesel Fuel	mg/kg																
Hydrocarbons as Gasoline	mg/kg																
TOTAL HYDROCARBONS	mg/kg																
VOLATILES																	
1,1,1-Trichloroethane	mg/kg																
1,1,2,2-Tetrachloroethane	mg/kg																
1,1,2-Trichloroethane	mg/kg																
1,1-Dichloroethane	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LAP-81152					LAP-81155					LAP-81156				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LAP-81152					LAP-81155					LAP-81156				
Sample Date:		12-JUL-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
Pronamide	mg/kg															
Pyrene	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
bis(2-Chloroethyl)ether	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
di-n-Butyl phthalate	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
di-n-Octyl phthalate	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
n-Nitrosodimethylamine	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
n-Nitrosodiphenylamine	mg/kg	.35	U		.35		.36	U		.36		.35	U		.35	
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LAP-81158					XXSB15					XXSB16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81158					LHXX-SB15(0-2)					LHXX-SB16(0-3)				
	Sample Date:	12-JUL-00					09-MAR-93					09-MAR-93				
	Sample Depth:	.0 - 0.5					.0 - 2					.0 - 3				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Phenol	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
Pronamide	mg/kg															
Pyrene	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
bis(2-Chloroethyl)ether	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
bis(2-Chloroisopropyl)ether	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
di-n-Butyl phthalate	mg/kg	.37	U		.37		.517			.33	-99	.674			.33	-99
di-n-Octyl phthalate	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
n-Nitrosodimethylamine	mg/kg	.37	U		.37											
n-Nitrosodiphenylamine	mg/kg	.37	U		.37		.33	<	U	.33	-99	.33	<	U	.33	-99
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,1,2,2-Tetrachloroethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,1,2-Trichloroethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,1-Dichloroethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB16					XXSB17					XXSB18				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB16-N00					LHXX-SB17(0-2)					LHXX-SB18 (0-2)				
	Sample Date:	22-AUG-94					09-MAR-93					10-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
Pronamide	mg/kg															
Pyrene	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
bis(2-Chloroethyl)ether	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
bis(2-Chloroisopropyl)ether	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
bis(2-Ethylhexyl)phthalate	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
di-n-Butyl phthalate	mg/kg						1.82			.33	-99	.33	<	U	.33	-99
di-n-Octyl phthalate	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg						.33	<	U	.33	-99	.33	<	U	.33	-99
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,1,2,2-Tetrachloroethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,1,2-Trichloroethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,1-Dichloroethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code: XXSB18 / Associated Site: Low Impact Sub-Area / Sample No: C940822-XXSB18-N00 / Sample Date: 22-AUG-94 / Sample Depth: .0 - 0					Location Code: XXSB19 / Associated Site: Low Impact Sub-Area / Sample No: LHXX-SB19(0-2.5 / Sample Date: 09-MAR-93 / Sample Depth: .0 - 2.5					Location Code: XXSB19 / Associated Site: Low Impact Sub-Area / Sample No: C940822-XXSB19-N00 / Sample Date: 22-AUG-94 / Sample Depth: .0 - 0				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Phenol	mg/kg						.33	<	U	.33	-99					
Pronamide	mg/kg															
Pyrene	mg/kg						.33	<	U	.33	-99					
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						.33	<	U	.33	-99					
bis(2-Chloroethyl)ether	mg/kg						.33	<	U	.33	-99					
bis(2-Chloroisopropyl)ether	mg/kg						.33	<	U	.33	-99					
bis(2-Ethylhexyl)phthalate	mg/kg						.33	<	U	.33	-99					
di-n-Butyl phthalate	mg/kg						1.81			.33	-99					
di-n-Octyl phthalate	mg/kg						.33	<	U	.33	-99					
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg						.33	<	U	.33	-99					
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg						.33	<	U	.33	-99					
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg						.005	<	U	.005	-99					
1,1,2,2-Tetrachloroethane	mg/kg						.005	<	U	.005	-99					
1,1,2-Trichloroethane	mg/kg						.005	<	U	.005	-99					
1,1-Dichloroethane	mg/kg						.005	<	U	.005	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		XXSB20					XXSB20					XXSB21				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LHXX-SB20(0-2.5					C940823-XXSB20-N00					LHXX-SB21(0-2.5				
Sample Date:		10-MAR-93					23-AUG-94					10-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2.5					.0 - 0					.0 - 2.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Phenol	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
Pronamide	mg/kg															
Pyrene	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
bis(2-Chloroethyl)ether	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
bis(2-Chloroisopropyl)ether	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
di-n-Butyl phthalate	mg/kg	2.08			.33	-99	.693			.48		2.27			.33	-99
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
m-Cresol	mg/kg						.48	<	U	.48						
n-Nitroso-di-n-propylamine	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	-99	.48	<	U	.48		.33	<	U	.33	-99
p-Bromofluorobenzene	mg/kg						.48	<	U	.48						
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
TPH																
Hydrocarbons as Diesel Fuel	mg/kg															
Hydrocarbons as Gasoline	mg/kg															
TOTAL HYDROCARBONS	mg/kg															
VOLATILES																
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
1,1-Dichloroethane	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Parameter	Units	Location Code:	XXSB21					XXSB21					XXSD16				
			Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
			Sample No:	LHXX-SB21(0-2.5QC					C940823-XXSB21-N00					LHXX-SD16				
			Sample Date:	10-MAR-93					23-AUG-94					31-MAR-93				
			Sample Depth:	.0 - 2.5					.0 - 0					.0 - 0				
				Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																		
	Phenol	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
	Pronamide	mg/kg																
	Pyrene	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
	a,a-Dimethylphenethyl-amine	mg/kg																
	bis(2-Chloroethoxy)methane	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
	bis(2-Chloroethyl)ether	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
	bis(2-Chloroisopropyl)ether	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
	bis(2-Ethylhexyl)phthalate	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
	di-n-Butyl phthalate	mg/kg		2.39			.33	-99						.33	<	U	.33	-99
	di-n-Octyl phthalate	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
	m-Cresol	mg/kg																
	n-Nitroso-di-n-propylamine	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
	n-Nitrosodimethylamine	mg/kg																
	n-Nitrosodiphenylamine	mg/kg		.33	<	U	.33	-99						.33	<	U	.33	-99
	p-Bromofluorobenzene	mg/kg																
	p-Dimethylaminoazobenzene	mg/kg																
SOLIDS																		
	Percent Solids	Percent																
TPH																		
	Hydrocarbons as Diesel Fuel	mg/kg																
	Hydrocarbons as Gasoline	mg/kg																
	TOTAL HYDROCARBONS	mg/kg																
VOLATILES																		
	1,1,1-Trichloroethane	mg/kg		.005	<	U	.005	-99						.005	<	U	.005	-99
	1,1,2,2-Tetrachloroethane	mg/kg		.005	<	U	.005	-99						.005	<	U	.005	-99
	1,1,2-Trichloroethane	mg/kg		.005	<	U	.005	-99						.005	<	U	.005	-99
	1,1-Dichloroethane	mg/kg		.005	<	U	.005	-99						.005	<	U	.005	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		Location Code:	11SB03					11SB04					11SB04				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LH11-SB03 (0-2)					LH11-SB04 (0-2)					C940822-11SB04-N00				
		Sample Date:	03-MAR-93					03-MAR-93					22-AUG-94				
		Sample Depth:	.0 - 2					.0 - 2					.0 - 0				
Parameter	Units		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
1,2,3-Trichloropropane	mg/kg																
1,2-Dichloroethane	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
1,2-Dichloroethene	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
1,2-Dichloropropane	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
1,4-Dichloro-2-butene	mg/kg																
2-Butanone	mg/kg		.05	<	U	.05	-99	.05	<	U	.05	-99					
2-Chloroethyl vinyl ether	mg/kg		.01	<	U	.01	-99	.01	<	U	.01	-99					
2-Hexanone	mg/kg		.05	<	U	.05	-99	.05	<	U	.05	-99					
2-Propenal	mg/kg																
Acetone	mg/kg		.1	<	U	.1	-99	.1	<	U	.1	-99					
Acetone	ug/L												5	<	U	5	
Acrylonitrile	mg/kg																
Benzene	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
Bromodichloromethane	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
Bromoform	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
Bromomethane	mg/kg		.01	<	U	.01	-99	.01	<	U	.01	-99					
Carbon disulfide	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
Carbon tetrachloride	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
Chlorobenzene	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
Chloroethane	mg/kg		.01	<	U	.01	-99	.01	<	U	.01	-99					
Chloroform	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
Chloromethane	mg/kg		.01	<	U	.01	-99	.01	<	U	.01	-99					
Dibromochloromethane	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
Dibromomethane	mg/kg																
Dichlorodifluoromethane	mg/kg																
Ethyl methacrylate	mg/kg																
Ethylbenzene	mg/kg		.005	<	U	.005	-99	.005	<	U	.005	-99					
IODOMETHANE	mg/kg																
Methyl isobutyl ketone	mg/kg		.05	<	U	.05	-99	.05	<	U	.05	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB05					11SB05					11SB06				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH11-SB05 (0-2)					C940822-11SB05-N00					LH11-SB06 (0-2)				
	Sample Date:	04-MAR-93					22-AUG-94					04-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
1,2,3-Trichloropropane	mg/kg						.006	<	U	.006						
1,2-Dichloroethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
1,2-Dichloroethene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
1,2-Dichloropropane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
1,4-Dichloro-2-butene	mg/kg						.012	<	U	.012						
2-Butanone	mg/kg	.05	<	U	.05	-99	.012	<	U	.012		.05	<	U	.05	-99
2-Chloroethyl vinyl ether	mg/kg	.01	<	U	.01	-99	.012	<	U	.012		.01	<	U	.01	-99
2-Hexanone	mg/kg	.05	<	U	.05	-99	.012	<	U	.012		.05	<	U	.05	-99
2-Propenal	mg/kg						.06	<	U	.06						
Acetone	mg/kg	.1	<	U	.1	-99	.012	<	U	.012		.1	<	U	.1	-99
Acetone	ug/L															
Acrylonitrile	mg/kg						.06	<	U	.06						
Benzene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Bromodichloromethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Bromoform	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Bromomethane	mg/kg	.01	<	U	.01	-99	.012	<	U	.012		.01	<	U	.01	-99
Carbon disulfide	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Carbon tetrachloride	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Chlorobenzene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Chloroethane	mg/kg	.01	<	U	.01	-99	.012	<	U	.012		.01	<	U	.01	-99
Chloroform	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Chloromethane	mg/kg	.01	<	U	.01	-99	.012	<	U	.012		.01	<	U	.01	-99
Dibromochloromethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Dibromomethane	mg/kg						.006	<	U	.006						
Dichlorodifluoromethane	mg/kg						.006	<	U	.006						
Ethyl methacrylate	mg/kg						.006	<	U	.006						
Ethylbenzene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
IODOMETHANE	mg/kg						.012	<	U	.012						
Methyl isobutyl ketone	mg/kg	.05	<	U	.05	-99	.012	<	U	.012		.05	<	U	.05	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB06					11SD13					11WW01				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-11SB06-N00					LH11-SD13					11WW01 (0-2')				
	Sample Date:	22-AUG-94					31-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
1,2,3-Trichloropropane	mg/kg											.006	<	U	.006	-99
1,2-Dichloroethane	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
1,2-Dichloropropane	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
1,4-Dichloro-2-butene	mg/kg											.011	<	U	.011	-99
2-Butanone	mg/kg						.05	<	U	.05	-99	.011	<	U	.011	-99
2-Chloroethyl vinyl ether	mg/kg						.01	<	U	.01	-99	.011	<	U	.011	-99
2-Hexanone	mg/kg						.05	<	U	.05	-99	.011	<	U	.011	-99
2-Propenal	mg/kg											.057	<	U	.057	-99
Acetone	mg/kg						.1	<	U	.1	-99	.011	<	U	.011	-99
Acetone	ug/L	5	<	U	5											
Acrylonitrile	mg/kg											.057	<	U	.057	-99
Benzene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Bromodichloromethane	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Bromoform	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Bromomethane	mg/kg						.01	<	U	.01	-99	.011	<	U	.011	-99
Carbon disulfide	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Chlorobenzene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Chloroethane	mg/kg						.01	<	U	.01	-99	.011	<	U	.011	-99
Chloroform	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Chloromethane	mg/kg						.01	<	U	.01	-99	.011	<	U	.011	-99
Dibromochloromethane	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Dibromomethane	mg/kg											.006	<	U	.006	-99
Dichlorodifluoromethane	mg/kg											.006	<	U	.006	-99
Ethyl methacrylate	mg/kg											.006	<	U	.006	-99
Ethylbenzene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
IODOMETHANE	mg/kg											.011	<	U	.011	-99
Methyl isobutyl ketone	mg/kg						.05	<	U	.05	-99	.011	<	U	.011	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11WW02					11WW03					27SB03								
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area								
	Sample No:	11WW02 (0-2')					11WW03 (0-2')					27SB03 (0-0.5)								
	Sample Date:	20-AUG-94					21-AUG-94					04-OCT-00								
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0.5								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
VOLATILES																				
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
1,2-Dichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
1,4-Dichloro-2-butene	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99									
2-Butanone	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99									
2-Chloroethyl vinyl ether	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99									
2-Hexanone	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99									
2-Propenal	mg/kg	.057	<	U	.057	-99	.056	<	U	.056	-99									
Acetone	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99									
Acetone	ug/L																			
Acrylonitrile	mg/kg	.057	<	U	.057	-99	.056	<	U	.056	-99									
Benzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Bromodichloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Bromoform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Bromomethane	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99									
Carbon disulfide	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Carbon tetrachloride	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Chloroethane	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99									
Chloroform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Chloromethane	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99									
Dibromochloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Dibromomethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Dichlorodifluoromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Ethyl methacrylate	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
Ethylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
IODOMETHANE	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99									
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99									

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB03					27SB03					27SB05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB03 (0-0.5)QC					27SB03 (1-2)					27SB05 (0-0.5)				
	Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB05					27SB05					27SB11				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB05 (0-0.5)QC					27SB05 (1-2)					27SB11 (0-0.5)				
	Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB11					27SB11					27SB34				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB11 (0-0.5)QC					27SB11 (1-2)					LH27-SB34(0-3)				
	Sample Date:	04-OCT-00					04-OCT-00					19-MAR-93				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 3				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,1-Dichloroethene	mg/kg											.005	<	U	.005	-99
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg											.005	<	U	.005	-99
1,2-Dichloroethene	mg/kg											.005	<	U	.005	-99
1,2-Dichloropropane	mg/kg											.005	<	U	.005	-99
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg											.05	<	U	.05	-99
2-Chloroethyl vinyl ether	mg/kg											.01	<	U	.01	-99
2-Hexanone	mg/kg											.05	<	U	.05	-99
2-Propenal	mg/kg															
Acetone	mg/kg											.1	<	U	.1	-99
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg											.005	<	U	.005	-99
Bromodichloromethane	mg/kg											.005	<	U	.005	-99
Bromoform	mg/kg											.005	<	U	.005	-99
Bromomethane	mg/kg											.01	<	U	.01	-99
Carbon disulfide	mg/kg											.005	<	U	.005	-99
Carbon tetrachloride	mg/kg											.005	<	U	.005	-99
Chlorobenzene	mg/kg											.005	<	U	.005	-99
Chloroethane	mg/kg											.01	<	U	.01	-99
Chloroform	mg/kg											.005	<	U	.005	-99
Chloromethane	mg/kg											.01	<	U	.01	-99
Dibromochloromethane	mg/kg											.005	<	U	.005	-99
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg											.005	<	U	.005	-99
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg											.05	<	U	.05	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB34					27SB38					27WW01								
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area								
	Sample No:	LH27-SB34(0-3)QQC					LH27-SB38(0-2)					27WW01 (0-2')								
	Sample Date:	19-MAR-93					20-MAR-93					18-AUG-94								
User Test Group	*Sample Depth:*	.0 - 3					.0 - 2					.0 - 2								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
VOLATILES																				
1,1-Dichloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
1,2,3-Trichloropropane	mg/kg																			
1,2-Dichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
1,2-Dichloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
1,2-Dichloropropane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
1,4-Dichloro-2-butene	mg/kg																			
2-Butanone	mg/kg	.05	<	U	.05	-99	.05	<	U	.05	-99									
2-Chloroethyl vinyl ether	mg/kg	.01	<	U	.01	-99	.01	<	U	.01	-99									
2-Hexanone	mg/kg	.05	<	U	.05	-99	.05	<	U	.05	-99									
2-Propenal	mg/kg																			
Acetone	mg/kg	.1	<	U	.1	-99	.1	<	U	.1	-99									
Acetone	ug/L																			
Acrylonitrile	mg/kg																			
Benzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
Bromodichloromethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
Bromoform	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
Bromomethane	mg/kg	.01	<	U	.01	-99	.01	<	U	.01	-99									
Carbon disulfide	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
Carbon tetrachloride	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
Chlorobenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
Chloroethane	mg/kg	.01	<	U	.01	-99	.01	<	U	.01	-99									
Chloroform	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
Chloromethane	mg/kg	.01	<	U	.01	-99	.01	<	U	.01	-99									
Dibromochloromethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
Dibromomethane	mg/kg																			
Dichlorodifluoromethane	mg/kg																			
Ethyl methacrylate	mg/kg																			
Ethylbenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99									
IODOMETHANE	mg/kg																			
Methyl isobutyl ketone	mg/kg	.05	<	U	.05	-99	.05	<	U	.05	-99									

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS01					400ASS01					400ASS02				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS01(0-0.5)					400ASS01(0-0.5)QC					400ASS02(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS03					400ASS04					400ASS05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS03(0-0.5)					400ASS04(0-0.5)					400ASS05(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS06					400ASS06					FWS-003				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS06(0-0.5)					C981204-400ASS06-N00					C-SS-003				
	Sample Date:	26-JUL-98					04-DEC-98					27-AUG-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-004					FWS-005					FWS-041				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-004					C-SS-005					C-SS-041				
	Sample Date:	27-AUG-02					27-AUG-02					25-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-042					FWS-043					FWS-050				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-042					C-SS-043					CLNWR050				
	Sample Date:	25-SEP-02					25-SEP-02					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-051					FWS-055					FWS-056				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR051					CLNWR055					CL056DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-056					FWS-062					FWS-063				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR056					CLNWR062					CLNWR063				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-073					FWS-074					FWS-075				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR073					CLNWR074					CL075DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-075					FWS-076					FWS-077				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR075					CLNWR076					CLNWR077				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-078					FWS-079					FWS-080				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR078					CLNWR079					CLNWR080				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-081					FWS-082					FWS-083				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR081					CLNWR082					CLNWR083				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-084					FWS-085					FWS-086				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR084					CLNWR085					CLNWR086				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-087					FWS-095					FWS-098				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR087					CLNWR095					CLNWR098				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-102					FWS-103					FWS-104				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR102					CLNWR103					CLNWR104				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-105					FWS-106					FWS-107				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR105					CLNWR106					CLNWR107				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-109					FWS-110					FWS-111				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR109					CLNWR110					CLNWR111				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-120					FWS-127					FWS-136				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR120					CLNWR127					CLNWR136				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-140					FWS-140					FWS-141				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CL140DUP					CLNWR140					CLNWR141				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-142					FWS-143					FWS-144				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR142					CLNWR143					CLNWR144				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-145					FWS-146					FWS-147				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR145					CLNWR146					CLNWR147				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-148					FWS-150					FWS-151				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR148					CLNWR150					CLNWR151				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-152					FWS-152					FWS-155				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CL152DUP					CLNWR152					CLNWR155				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-156					FWS-158					FWS-159				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR156					CLNWR158					CLNWR159				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-169					FWS-172					FWS-173				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR169					CLNWR172					CLNWR173				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-174					FWS-175					FWS-179				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR174					CLNWR175					CLNWR179				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		FWS-181					FWS-183					FWS-184				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		CLNWR181					CLNWR183					CLNWR184				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-185					FWS-186					FWS-186				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR185					CL186DUP					CLNWR186				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-187					FWS-188					FWS-197				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR187					CLNWR188					CLNWR197				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-198					FWS-199					FWS-200				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR198					CLNWR199					CL200DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-200					FWS-201					FWS-201				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR200					CL201DUP					CLNWR201				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-202					FWS-203					FWS-204				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR202					CLNWR203					CLNWR204				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-205					FWS-206					FWS-207				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR205					CLNWR206					CLNWR207				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-208					FWS-209					FWS-209				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR208					CL209DUP					CLNWR209				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-210					FWS-211					FWS-212				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR210					CLNWR211					CLNWR212				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-213					FWS-214					FWS-214				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR213					CL214DUP					CLNWR214				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-216					FWS-217					FWS-218				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR216					CLNWR217					CLNWR218				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-219					FWS-223					FWS-226				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR219					CLNWR223					CLNWR226				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-228					FWS-232					FWS-235				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR228					CLNWR232					CLNWR235				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-236					FWS-237					FWS-238				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR236					CLNWR237					CL238DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-238					FWS-239					FWS-240				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR238					CLNWR239					CLNWR240				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-241					FWS-242					FWS-243				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR241					CLNWR242					CLNWR243				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-244					FWS-245					HOSB17				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR244					CLNWR245					HOSB17(0-0.5)				
	Sample Date:	09-SEP-03					09-SEP-03					06-DEC-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	HOSB18					LAP-31M1					LAP-31M2				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	HOSB18(0-0.5)					LAP-31M1					LAP-31M2				
	Sample Date:	06-DEC-00					12-JUL-00					12-JUL-00				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	LAP-35M2					LAP-39M1					LAP-81103				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-35M2					LAP-39M1					LAP-81103				
	Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	LAP-81105					LAP-81109					LAP-81124				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	LAP-81105					LAP-81109					LAP-81124				
		Sample Date:	10-JUL-00					11-JUL-00					10-JUL-00				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene	mg/kg																
1,2,3-Trichloropropane	mg/kg																
1,2-Dichloroethane	mg/kg																
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg																
1,4-Dichloro-2-butene	mg/kg																
2-Butanone	mg/kg																
2-Chloroethyl vinyl ether	mg/kg																
2-Hexanone	mg/kg																
2-Propenal	mg/kg																
Acetone	mg/kg																
Acetone	ug/L																
Acrylonitrile	mg/kg																
Benzene	mg/kg																
Bromodichloromethane	mg/kg																
Bromoform	mg/kg																
Bromomethane	mg/kg																
Carbon disulfide	mg/kg																
Carbon tetrachloride	mg/kg																
Chlorobenzene	mg/kg																
Chloroethane	mg/kg																
Chloroform	mg/kg																
Chloromethane	mg/kg																
Dibromochloromethane	mg/kg																
Dibromomethane	mg/kg																
Dichlorodifluoromethane	mg/kg																
Ethyl methacrylate	mg/kg																
Ethylbenzene	mg/kg																
IODOMETHANE	mg/kg																
Methyl isobutyl ketone	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	LAP-81127					LAP-81129					LAP-81130				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81127					LAP-81129					LAP-81130				
	Sample Date:	10-JUL-00					11-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81146					LAP-81147					LAP-81152				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81146					LAP-81147					LAP-81152-FD				
	Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81152					LAP-81155					LAP-81156				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81152					LAP-81155					LAP-81156				
	Sample Date:	12-JUL-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
Acetone	mg/kg															
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															
Chlorobenzene	mg/kg															
Chloroethane	mg/kg															
Chloroform	mg/kg															
Chloromethane	mg/kg															
Dibromochloromethane	mg/kg															
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg															
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81158					XXSB15					XXSB16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81158					LHXX-SB15(0-2)					LHXX-SB16(0-3)				
	Sample Date:	12-JUL-00					09-MAR-93					09-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,2-Dichloroethene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,2-Dichloropropane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg						.05	<	U	.05	-99	.05	<	U	.05	-99
2-Chloroethyl vinyl ether	mg/kg						.01	<	U	.01	-99	.01	<	U	.01	-99
2-Hexanone	mg/kg						.05	<	U	.05	-99	.05	<	U	.05	-99
2-Propenal	mg/kg															
Acetone	mg/kg						.1	<	U	.1	-99	.1	<	U	.1	-99
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Bromodichloromethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Bromoform	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Bromomethane	mg/kg						.01	<	U	.01	-99	.01	<	U	.01	-99
Carbon disulfide	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Carbon tetrachloride	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Chlorobenzene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Chloroethane	mg/kg						.01	<	U	.01	-99	.01	<	U	.01	-99
Chloroform	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Chloromethane	mg/kg						.01	<	U	.01	-99	.01	<	U	.01	-99
Dibromochloromethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg						.05	<	U	.05	-99	.05	<	U	.05	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	XXSB16					XXSB17					XXSB18				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB16-N00					LHXX-SB17(0-2)					LHXX-SB18 (0-2)				
	Sample Date:	22-AUG-94					09-MAR-93					10-MAR-93				
	Sample Depth:	.0 - 0					.0 - 2					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,1-Dichloroethene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,2-Dichloroethene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,2-Dichloropropane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg						.05	<	U	.05	-99	.05	<	U	.05	-99
2-Chloroethyl vinyl ether	mg/kg						.01	<	U	.01	-99	.01	<	U	.01	-99
2-Hexanone	mg/kg						.05	<	U	.05	-99	.05	<	U	.05	-99
2-Propenal	mg/kg															
Acetone	mg/kg						.1	<	U	.1	-99	.1	<	U	.1	-99
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Bromodichloromethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Bromoform	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Bromomethane	mg/kg						.01	<	U	.01	-99	.01	<	U	.01	-99
Carbon disulfide	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Carbon tetrachloride	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Chlorobenzene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Chloroethane	mg/kg						.01	<	U	.01	-99	.01	<	U	.01	-99
Chloroform	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Chloromethane	mg/kg						.01	<	U	.01	-99	.01	<	U	.01	-99
Dibromochloromethane	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg						.05	<	U	.05	-99	.05	<	U	.05	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB18					XXSB19					XXSB19				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB18-N00					LHXX-SB19(0-2.5					C940822-XXSB19-N00				
	Sample Date:	22-AUG-94					09-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 2.5					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1-Dichloroethene	mg/kg						.005	<	U	.005	-99					
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg						.005	<	U	.005	-99					
1,2-Dichloroethene	mg/kg						.005	<	U	.005	-99					
1,2-Dichloropropane	mg/kg						.005	<	U	.005	-99					
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg						.05	<	U	.05	-99					
2-Chloroethyl vinyl ether	mg/kg						.01	<	U	.01	-99					
2-Hexanone	mg/kg						.05	<	U	.05	-99					
2-Propenal	mg/kg															
Acetone	mg/kg						.124			.1	-99					
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg						.005	<	U	.005	-99					
Bromodichloromethane	mg/kg						.005	<	U	.005	-99					
Bromoform	mg/kg						.005	<	U	.005	-99					
Bromomethane	mg/kg						.01	<	U	.01	-99					
Carbon disulfide	mg/kg						.005	<	U	.005	-99					
Carbon tetrachloride	mg/kg						.005	<	U	.005	-99					
Chlorobenzene	mg/kg						.005	<	U	.005	-99					
Chloroethane	mg/kg						.01	<	U	.01	-99					
Chloroform	mg/kg						.005	<	U	.005	-99					
Chloromethane	mg/kg						.01	<	U	.01	-99					
Dibromochloromethane	mg/kg						.005	<	U	.005	-99					
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg						.005	<	U	.005	-99					
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg						.05	<	U	.05	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	XXSB20					XXSB20					XXSB21				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB20(0-2.5					C940823-XXSB20-N00					LHXX-SB21(0-2.5				
	Sample Date:	10-MAR-93					23-AUG-94					10-MAR-93				
	Sample Depth:	.0 - 2.5					.0 - 0					.0 - 2.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,1-Dichloroethene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
1,2,3-Trichloropropane	mg/kg						.007	<	U	.007						
1,2-Dichloroethane	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
1,2-Dichloroethene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
1,2-Dichloropropane	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
1,4-Dichloro-2-butene	mg/kg						.014	<	U	.014						
2-Butanone	mg/kg	.05	<	U	.05	-99	.014	<	U	.014		.05	<	U	.05	-99
2-Chloroethyl vinyl ether	mg/kg	.01	<	U	.01	-99	.014	<	U	.014		.01	<	U	.01	-99
2-Hexanone	mg/kg	.05	<	U	.05	-99	.014	<	U	.014		.05	<	U	.05	-99
2-Propenal	mg/kg						.072	<	U	.072						
Acetone	mg/kg	.1	<	U	.1	-99	.094			.014		.1	<	U	.1	-99
Acetone	ug/L															
Acrylonitrile	mg/kg						.072	<	U	.072						
Benzene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Bromodichloromethane	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Bromoform	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Bromomethane	mg/kg	.01	<	U	.01	-99	.014	<	U	.014		.01	<	U	.01	-99
Carbon disulfide	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Carbon tetrachloride	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Chlorobenzene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Chloroethane	mg/kg	.01	<	U	.01	-99	.014	<	U	.014		.01	<	U	.01	-99
Chloroform	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Chloromethane	mg/kg	.01	<	U	.01	-99	.014	<	U	.014		.01	<	U	.01	-99
Dibromochloromethane	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Dibromomethane	mg/kg						.007	<	U	.007						
Dichlorodifluoromethane	mg/kg						.007	<	U	.007						
Ethyl methacrylate	mg/kg						.007	<	U	.007						
Ethylbenzene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
IODOMETHANE	mg/kg						.014	<	U	.014						
Methyl isobutyl ketone	mg/kg	.05	<	U	.05	-99	.014	<	U	.014		.05	<	U	.05	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB21					XXSB21					XXSD16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB21(0-2.5QC					C940823-XXSB21-N00					LHXX-SD16				
	Sample Date:	10-MAR-93					23-AUG-94					31-MAR-93				
User Test Group	Sample Depth:	.0 - 2.5					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,1-Dichloroethene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
1,2,3-Trichloropropane	mg/kg															
1,2-Dichloroethane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
1,2-Dichloroethene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
1,2-Dichloropropane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
1,4-Dichloro-2-butene	mg/kg															
2-Butanone	mg/kg	.05	<	U	.05	-99						.05	<	U	.05	-99
2-Chloroethyl vinyl ether	mg/kg	.01	<	U	.01	-99						.01	<	U	.01	-99
2-Hexanone	mg/kg	.05	<	U	.05	-99						.05	<	U	.05	-99
2-Propenal	mg/kg															
Acetone	mg/kg	.1	<	U	.1	-99						.1	<	U	.1	-99
Acetone	ug/L															
Acrylonitrile	mg/kg															
Benzene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Bromodichloromethane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Bromoform	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Bromomethane	mg/kg	.01	<	U	.01	-99						.01	<	U	.01	-99
Carbon disulfide	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Carbon tetrachloride	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Chlorobenzene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Chloroethane	mg/kg	.01	<	U	.01	-99						.01	<	U	.01	-99
Chloroform	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Chloromethane	mg/kg	.01	<	U	.01	-99						.01	<	U	.01	-99
Dibromochloromethane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
IODOMETHANE	mg/kg															
Methyl isobutyl ketone	mg/kg	.05	<	U	.05	-99						.05	<	U	.05	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		11SB03					11SB04					11SB04				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LH11-SB03 (0-2)					LH11-SB04 (0-2)					C940822-11SB04-N00				
Sample Date:		03-MAR-93					03-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
Methylene chloride	ug/L											5	<	U	5	
Styrene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
Tetrachloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
Toluene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
Trichloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
Trichloroethene	ug/L											5	<	U	5	
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg	.05	<	U	.05	-99	.05	<	U	.05	-99					
Vinyl chloride	mg/kg	.01	<	U	.01	-99	.01	<	U	.01	-99					
Xylenes, Total	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11SB05					11SB05					11SB06				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LH11-SB05 (0-2)					C940822-11SB05-N00					LH11-SB06 (0-2)				
	Sample Date:	04-MAR-93					22-AUG-94					04-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg	.005	<	U	.005	-99	.018			.012		.005	<	U	.005	-99
Methylene chloride	ug/L															
Styrene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Tetrachloroethene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Toluene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Trichloroethene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg						.006	<	U	.006						
Vinyl acetate	mg/kg	.05	<	U	.05	-99	.012	<	U	.012		.05	<	U	.05	-99
Vinyl chloride	mg/kg	.01	<	U	.01	-99	.012	<	U	.012		.01	<	U	.01	-99
Xylenes, Total	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.005	<	U	.005	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		11SB06					11SD13					11WW01				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		C940822-11SB06-N00					LH11-SD13					11WW01 (0-2')				
Sample Date:		22-AUG-94					31-MAR-93					22-AUG-94				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg						.005	<	U	.005	-99	.011	<	U	.011	-99
Methylene chloride	ug/L	5	<	U	5											
Styrene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Tetrachloroethene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Toluene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Trichloroethene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
Trichloroethene	ug/L	5	<	U	5											
Trichlorofluoromethane	mg/kg											.006	<	U	.006	-99
Vinyl acetate	mg/kg						.05	<	U	.05	-99	.011	<	U	.011	-99
Vinyl chloride	mg/kg						.01	<	U	.01	-99	.011	<	U	.011	-99
Xylenes, Total	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
cis-1,3-Dichloropropene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99
trans-1,3-Dichloropropene	mg/kg						.005	<	U	.005	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	11WW02					11WW03					27SB03				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	11WW02 (0-2')					11WW03 (0-2')					27SB03 (0-0.5)				
	Sample Date:	20-AUG-94					21-AUG-94					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg	.021			.011	-99	.017			.011	-99					
Methylene chloride	ug/L															
Styrene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Tetrachloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Toluene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Trichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Vinyl acetate	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99					
Vinyl chloride	mg/kg	.011	<	U	.011	-99	.011	<	U	.011	-99					
Xylenes, Total	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB03					27SB03					27SB05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB03 (0-0.5)QC					27SB03 (1-2)					27SB05 (0-0.5)				
	Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB05					27SB05					27SB11				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB05 (0-0.5)QC					27SB05 (1-2)					27SB11 (0-0.5)				
	Sample Date:	04-OCT-00					04-OCT-00					04-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	27SB11					27SB11					27SB34				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	27SB11 (0-0.5)QC					27SB11 (1-2)					LH27-SB34(0-3)				
	Sample Date:	04-OCT-00					04-OCT-00					19-MAR-93				
User Test Group	Sample Depth:	.0 - 0.5					1.0 - 2					.0 - 3				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Methylene chloride	mg/kg											.005	<	U	.005	-99
Methylene chloride	ug/L															
Styrene	mg/kg											.005	<	U	.005	-99
Tetrachloroethene	mg/kg											.005	<	U	.005	-99
Toluene	mg/kg											.005	<	U	.005	-99
Trichloroethene	mg/kg											.005	<	U	.005	-99
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg											.05	<	U	.05	-99
Vinyl chloride	mg/kg											.01	<	U	.01	-99
Xylenes, Total	mg/kg											.005	<	U	.005	-99
cis-1,3-Dichloropropene	mg/kg											.005	<	U	.005	-99
trans-1,3-Dichloropropene	mg/kg											.005	<	U	.005	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		27SB34					27SB38					27WW01				
Associated Site:		Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
Sample No:		LH27-SB34(0-3)QQC					LH27-SB38(0-2)					27WW01 (0-2')				
Sample Date:		19-MAR-93					20-MAR-93					18-AUG-94				
User Test Group	*Sample Depth:*	.0 - 3					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
Methylene chloride	ug/L															
Styrene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
Tetrachloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
Toluene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
Trichloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg	.05	<	U	.05	-99	.05	<	U	.05	-99					
Vinyl chloride	mg/kg	.01	<	U	.01	-99	.01	<	U	.01	-99					
Xylenes, Total	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS01					400ASS01					400ASS02				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS01(0-0.5)					400ASS01(0-0.5)QC					400ASS02(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	400ASS03					400ASS04					400ASS05				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS03(0-0.5)					400ASS04(0-0.5)					400ASS05(0-0.5)				
	Sample Date:	26-JUL-98					26-JUL-98					26-JUL-98				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	400ASS06					400ASS06					FWS-003				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	400ASS06(0-0.5)					C981204-400ASS06-N00					C-SS-003				
	Sample Date:	26-JUL-98					04-DEC-98					27-AUG-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-004					FWS-005					FWS-041				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-004					C-SS-005					C-SS-041				
	Sample Date:	27-AUG-02					27-AUG-02					25-SEP-02				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-042					FWS-043					FWS-050				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C-SS-042					C-SS-043					CLNWR050				
	Sample Date:	25-SEP-02					25-SEP-02					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-051					FWS-055					FWS-056				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR051					CLNWR055					CL056DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-056					FWS-062					FWS-063				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR056					CLNWR062					CLNWR063				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-073					FWS-074					FWS-075				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR073					CLNWR074					CL075DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-075					FWS-076					FWS-077				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR075					CLNWR076					CLNWR077				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-078					FWS-079					FWS-080				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR078					CLNWR079					CLNWR080				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-081					FWS-082					FWS-083				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR081					CLNWR082					CLNWR083				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-084					FWS-085					FWS-086				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR084					CLNWR085					CLNWR086				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-087					FWS-095					FWS-098				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR087					CLNWR095					CLNWR098				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-102					FWS-103					FWS-104				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR102					CLNWR103					CLNWR104				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-105					FWS-106					FWS-107				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR105					CLNWR106					CLNWR107				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-109					FWS-110					FWS-111				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR109					CLNWR110					CLNWR111				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-120					FWS-127					FWS-136				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR120					CLNWR127					CLNWR136				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-140					FWS-140					FWS-141				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CL140DUP					CLNWR140					CLNWR141				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-142					FWS-143					FWS-144				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR142					CLNWR143					CLNWR144				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-145					FWS-146					FWS-147				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR145					CLNWR146					CLNWR147				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-148					FWS-150					FWS-151				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR148					CLNWR150					CLNWR151				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Methylene chloride	mg/kg																
Methylene chloride	ug/L																
Styrene	mg/kg																
Tetrachloroethene	mg/kg																
Toluene	mg/kg																
Trichloroethene	mg/kg																
Trichloroethene	ug/L																
Trichlorofluoromethane	mg/kg																
Vinyl acetate	mg/kg																
Vinyl chloride	mg/kg																
Xylenes, Total	mg/kg																
cis-1,3-Dichloropropene	mg/kg																
trans-1,3-Dichloropropene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-152					FWS-152					FWS-155				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CL152DUP					CLNWR152					CLNWR155				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-156					FWS-158					FWS-159				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR156					CLNWR158					CLNWR159				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-169					FWS-172					FWS-173				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR169					CLNWR172					CLNWR173				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-174					FWS-175					FWS-179				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR174					CLNWR175					CLNWR179				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-181					FWS-183					FWS-184				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR181					CLNWR183					CLNWR184				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-185					FWS-186					FWS-186				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR185					CL186DUP					CLNWR186				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-187					FWS-188					FWS-197				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR187					CLNWR188					CLNWR197				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-198					FWS-199					FWS-200				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR198					CLNWR199					CL200DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-200					FWS-201					FWS-201				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR200					CL201DUP					CLNWR201				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-202					FWS-203					FWS-204				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR202					CLNWR203					CLNWR204				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-205					FWS-206					FWS-207				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR205					CLNWR206					CLNWR207				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-208					FWS-209					FWS-209				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR208					CL209DUP					CLNWR209				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	FWS-210					FWS-211					FWS-212				
		Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
		Sample No:	CLNWR210					CLNWR211					CLNWR212				
		Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
		Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Methylene chloride	mg/kg																
Methylene chloride	ug/L																
Styrene	mg/kg																
Tetrachloroethene	mg/kg																
Toluene	mg/kg																
Trichloroethene	mg/kg																
Trichloroethene	ug/L																
Trichlorofluoromethane	mg/kg																
Vinyl acetate	mg/kg																
Vinyl chloride	mg/kg																
Xylenes, Total	mg/kg																
cis-1,3-Dichloropropene	mg/kg																
trans-1,3-Dichloropropene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-213					FWS-214					FWS-214				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR213					CL214DUP					CLNWR214				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-216					FWS-217					FWS-218				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR216					CLNWR217					CLNWR218				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-219					FWS-223					FWS-226				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR219					CLNWR223					CLNWR226				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-228					FWS-232					FWS-235				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR228					CLNWR232					CLNWR235				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-236					FWS-237					FWS-238				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR236					CLNWR237					CL238DUP				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-238					FWS-239					FWS-240				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR238					CLNWR239					CLNWR240				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-241					FWS-242					FWS-243				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR241					CLNWR242					CLNWR243				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-244					FWS-245					HOSB17				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	CLNWR244					CLNWR245					HOSB17(0-0.5)				
	Sample Date:	09-SEP-03					09-SEP-03					06-DEC-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	HOSB18					LAP-31M1					LAP-31M2				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	HOSB18(0-0.5)					LAP-31M1					LAP-31M2				
	Sample Date:	06-DEC-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-35M2					LAP-39M1					LAP-81103				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-35M2					LAP-39M1					LAP-81103				
	Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	LAP-81105					LAP-81109					LAP-81124				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81105					LAP-81109					LAP-81124				
	Sample Date:	10-JUL-00					11-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	LAP-81127					LAP-81129					LAP-81130				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81127					LAP-81129					LAP-81130				
	Sample Date:	10-JUL-00					11-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81146					LAP-81147					LAP-81152				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81146					LAP-81147					LAP-81152-FD				
	Sample Date:	12-JUL-00					12-JUL-00					10-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81152					LAP-81155					LAP-81156				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81152					LAP-81155					LAP-81156				
	Sample Date:	12-JUL-00					12-JUL-00					12-JUL-00				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg															
Methylene chloride	ug/L															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,3-Dichloropropene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LAP-81158					XXSB15					XXSB16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LAP-81158					LHXX-SB15(0-2)					LHXX-SB16(0-3)				
	Sample Date:	12-JUL-00					09-MAR-93					09-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 2					.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Methylene chloride	ug/L															
Styrene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Tetrachloroethene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Toluene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Trichloroethene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg						.05	<	U	.05	-99	.05	<	U	.05	-99
Vinyl chloride	mg/kg						.01	<	U	.01	-99	.01	<	U	.01	-99
Xylenes, Total	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
cis-1,3-Dichloropropene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
trans-1,3-Dichloropropene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB16					XXSB17					XXSB18				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB16-N00					LHXX-SB17(0-2)					LHXX-SB18 (0-2)				
	Sample Date:	22-AUG-94					09-MAR-93					10-MAR-93				
User Test Group	Sample Depth:	.0 - 0					.0 - 2					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Methylene chloride	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Methylene chloride	ug/L															
Styrene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Tetrachloroethene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Toluene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Trichloroethene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg						.05	<	U	.05	-99	.05	<	U	.05	-99
Vinyl chloride	mg/kg						.01	<	U	.01	-99	.01	<	U	.01	-99
Xylenes, Total	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
cis-1,3-Dichloropropene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99
trans-1,3-Dichloropropene	mg/kg						.005	<	U	.005	-99	.005	<	U	.005	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	XXSB18					XXSB19					XXSB19				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	C940822-XXSB18-N00					LHXX-SB19(0-2.5					C940822-XXSB19-N00				
	Sample Date:	22-AUG-94					09-MAR-93					22-AUG-94				
	Sample Depth:	.0 - 0					.0 - 2.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Methylene chloride	mg/kg						.005	<	U	.005	-99					
Methylene chloride	ug/L															
Styrene	mg/kg						.005	<	U	.005	-99					
Tetrachloroethene	mg/kg						.005	<	U	.005	-99					
Toluene	mg/kg						.005	<	U	.005	-99					
Trichloroethene	mg/kg						.005	<	U	.005	-99					
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg						.05	<	U	.05	-99					
Vinyl chloride	mg/kg						.01	<	U	.01	-99					
Xylenes, Total	mg/kg						.005	<	U	.005	-99					
cis-1,3-Dichloropropene	mg/kg						.005	<	U	.005	-99					
trans-1,3-Dichloropropene	mg/kg						.005	<	U	.005	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB20					XXSB20					XXSB21				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB20(0-2.5					C940823-XXSB20-N00					LHXX-SB21(0-2.5				
	Sample Date:	10-MAR-93					23-AUG-94					10-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2.5					.0 - 0					.0 - 2.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg	.005	<	U	.005	-99	.014	<	U	.014		.005	<	U	.005	-99
Methylene chloride	ug/L															
Styrene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Tetrachloroethene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Toluene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Trichloroethene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg						.007	<	U	.007						
Vinyl acetate	mg/kg	.05	<	U	.05	-99	.014	<	U	.014		.05	<	U	.05	-99
Vinyl chloride	mg/kg	.01	<	U	.01	-99	.014	<	U	.014		.01	<	U	.01	-99
Xylenes, Total	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.007	<	U	.007		.005	<	U	.005	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Low Impact Sub-Area

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSB21					XXSB21					XXSD16				
	Associated Site:	Low Impact Sub-Area					Low Impact Sub-Area					Low Impact Sub-Area				
	Sample No:	LHXX-SB21(0-2.5QC					C940823-XXSB21-N00					LHXX-SD16				
	Sample Date:	10-MAR-93					23-AUG-94					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 2.5					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Methylene chloride	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Methylene chloride	ug/L															
Styrene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Tetrachloroethene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Toluene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Trichloroethene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
Trichloroethene	ug/L															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg	.05	<	U	.05	-99						.05	<	U	.05	-99
Vinyl chloride	mg/kg	.01	<	U	.01	-99						.01	<	U	.01	-99
Xylenes, Total	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	-99