LONGHORN ARMY AMMUNITION PLANT KARNACK, TEXAS

ADMINISTRATIVE RECORD

CHRONOLOGICAL INDEX

Volume 20 of 25

2007

Bate Stamp Numbers

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Longhorn Army Ammunition Plant

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

VOLUME 20 of 25

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
Bate Stamp: 00058198 - 00059205

00058198

Exhibit 1

Summary of Validated Sediment Analytical Data

Saunders Branch Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD16					18SD16					18SD17								
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch								
	Sample No:	18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)								
	Sample Date:	21-FEB-95					21-FEB-95					05-MAR-95								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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																			
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 Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD18					18SD19					CL-SBS-1				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
	Sample Date:	05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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											.5	<	U	.5	-99
1,3-Dinitrobenzene	mg/kg											.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg											.5	<	U	.5	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
User Test Group	*Sample Depth:*	.5 - 1					.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											13		J	4	0.95
1,2,3,4,6,7,8-HpCDD	ng/kg											260			-99	0.95
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											1.4	<	U	1.4	0.98
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											1.7	<	U	1.7	1.9
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											1.9	<	U	1.9	1.1
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											5.8	<	U	5.8	1.3
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											1.3	<	U	1.3	0.95
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											8.2	<	U	8.2	1.3
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											0.68	<	U	0.68	1.3
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											1.1	<	U	1.1	0.95
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											0.72	<	U	0.72	0.95
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											0.64	<	U	0.64	1.3
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											0.68	<	U	0.68	1.2
2,3,7,8-TCDD	ng/kg											0.64	<	U	0.64	0.47
2,3,7,8-TCDF	ng/kg											1.4	<	U	1.4	0.25
Heptachlorodibenzo-p-dioxin	ng/kg											640			-99	0
Heptachlorodibenzofuran	ng/kg											31			-99	0
Hexachloridibenzo-p-dioxin	ng/kg											110			-99	0
Hexachlorodibenzofuran	ng/kg											7.5	<	U	7.5	0
Octachlorodibenzo-p-dioxin	ng/kg											9400			-99	3.8
Octachlorodibenzofuran	ng/kg											25		J	-99	1.9
Pentachlorodibenzo-p-dioxin	ng/kg											7.6	<	U	7.6	0
Pentachlorodibenzofuran	ng/kg											3.8	<	U	3.8	0
Tetrachlorodibenzo-p-dioxin	ng/kg											5.7			-99	0
Tetrachlorodibenzofuran, Total	ng/kg											1.6	<	U	1.6	0
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.5 - 1					.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											1.45	<	nv	1.45	
1,2,3,4,6,7,8-HpCDD	ng/kg											89		nv	1.45	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											1.45	<	nv	1.45	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											1.45	<	nv	1.45	
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											1.45	<	nv	1.45	
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											1.45	<	nv	1.45	
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											1.45	<	nv	1.45	
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											1.45	<	nv	1.45	
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											1.45	<	nv	1.45	
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											1.45	<	nv	1.45	
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											1.45	<	nv	1.45	
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											1.45	<	nv	1.45	
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											1.45	<	nv	1.45	
2,3,7,8-TCDD	ng/kg											.29	<	nv	.29	
2,3,7,8-TCDF	ng/kg											.29	<	nv	.29	
Heptachlorodibenzo-p-dioxin	ng/kg															
Heptachlorodibenzofuran	ng/kg															
Hexachloridibenzo-p-dioxin	ng/kg															
Hexachlorodibenzofuran	ng/kg															
Octachlorodibenzo-p-dioxin	ng/kg											5450		nv	2.9	
Octachlorodibenzofuran	ng/kg											8.74		nv	2.9	
Pentachlorodibenzo-p-dioxin	ng/kg															
Pentachlorodibenzofuran	ng/kg															
Tetrachlorodibenzo-p-dioxin	ng/kg															
Tetrachlorodibenzofuran, Total	ng/kg															
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.5	<	U	.5	-99										
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99										
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99										

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		Location Code:	XXSD17					XXSD17					XXSD18				
		Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
		Sample No:	LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
		Sample Date:	31-MAR-93					22-AUG-94					30-MAR-93				
		Sample Depth:	.0 - 0					.0 - 0					.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																
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		.25	<	U	.25	-99						.25	<	U	.25	
1,3-Dinitrobenzene	mg/kg		.25	<	U	.25	-99						.25	<	U	.25	
2,4,6-Trinitrotoluene	mg/kg		.25	<	U	.25	-99						.25	<	U	.25	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD18					XXSD19					XXSD19				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
	Sample Date:	31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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	.25	<	U	.25	-99	.25	<	U	.25		.25	<	U	.25	-99
1,3-Dinitrobenzene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25		.25	<	U	.25	-99
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25		.25	<	U	.25	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD20					
	Associated Site:	Saunders Branch					
	Sample No:	LHXX-SD20					
	Sample Date:	01-APR-93					
User Test Group	*Sample Depth:*	.0 - 0					
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	.25	<	U	.25	-99	
1,3-Dinitrobenzene	mg/kg	.25	<	U	.25	-99	
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD16					18SD16					18SD17								
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch								
	Sample No:	18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)								
	Sample Date:	21-FEB-95					21-FEB-95					05-MAR-95								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
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																			
NIOBIUM	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																				
Chloride	mg/kg																			
Nitrate	mg/kg																			
Specific Conductivity	umhos																			
Sulfate	mg/kg																			
TOTAL SOLIDS	Percent																			
Total Organic Carbon	mg/kg																			
pH	STD UNIT																			
METALS																				
Aluminum	mg/kg																			
Antimony	mg/kg	1.63	<	R	1.63	-99	1.47	<	U	1.47	-99	1.31	<	R	1.31	-99				
Arsenic	mg/kg	5.05			0.81	-99	4.11			0.73	-99	10.2			1.31	-99				
Barium	mg/kg	381.1			3.26	-99	154			1.47	-99	54			1.31	-99				
Beryllium	mg/kg																			
Boron	mg/kg																			
Cadmium	mg/kg	1.63	<	U	1.63	-99	0.73	<	U	0.73	-99	0.66	<	U	0.66	-99				

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD18					18SD19					CL-SBS-1				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
	Sample Date:	05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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											.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg											.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg											.5	<	U	.5	-99
4-Amino-2,6-dinitrotoluene	mg/kg											.5	<	U	.5	-99
HMX	mg/kg											.5	<	U	.5	-99
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg											.5	<	U	.5	-99
RDX	mg/kg											.5	<	U	.5	-99
Tetryl	mg/kg											.5	<	U	.5	-99
m-Nitrotoluene	mg/kg											.5	<	U	.5	-99
o-Nitrotoluene	mg/kg											.5	<	U	.5	-99
p-Nitrotoluene	mg/kg											.5	<	U	.5	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg											90000			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg											9330			125	-99
Antimony	mg/kg	1.78	<	R	1.78	-99	2	<	R	2	-99	1	<	U	1	-99
Arsenic	mg/kg	6.22			0.89	-99	2.2			1	-99	3.79			5	-99
Barium	mg/kg	147.6			1.78	-99	146.6			2	-99	261			25	-99
Beryllium	mg/kg											1.21			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg	0.89	<	U	0.89	-99	1	<	U	1	-99	0.151		J	1	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
User Test Group	*Sample Depth:*	.5 - 1					.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	.5	<	U	.5	-99	.5	<	U	.5	-99					
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
2-Amino-4,6-dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
4-Amino-2,6-dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
HMX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
Tetryl	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
m-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
o-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
p-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99					
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg	19600			0	0	104000			0	0					
pH	STD UNIT															
METALS																
Aluminum	mg/kg	12200			125	-99	9450			125	-99					
Antimony	mg/kg	1	<	U	1	-99	1	<	U	1	-99					
Arsenic	mg/kg	2.7			5	-99	3.99			5	-99					
Barium	mg/kg	145			25	-99	221			25	-99					
Beryllium	mg/kg	1.04			0.5	-99	0.993			0.5	-99					
Boron	mg/kg															
Cadmium	mg/kg	0.1	<	U	0.1	-99	0.256			1	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.5 - 1					.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	.5	<	U	.5	-99										
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99										
2-Amino-4,6-dinitrotoluene	mg/kg	.5	<	U	.5	-99										
4-Amino-2,6-dinitrotoluene	mg/kg	.5	<	U	.5	-99										
HMX	mg/kg	.5	<	U	.5	-99										
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.5	<	U	.5	-99										
RDX	mg/kg	.5	<	U	.5	-99										
Tetryl	mg/kg	.5	<	U	.5	-99										
m-Nitrotoluene	mg/kg	.5	<	U	.5	-99										
o-Nitrotoluene	mg/kg	.5	<	U	.5	-99										
p-Nitrotoluene	mg/kg	.5	<	U	.5	-99										
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg	35500			0	0										
pH	STD UNIT															
METALS																
Aluminum	mg/kg	16300			125	-99	10033		nv	10.5		6149		nv	10	
Antimony	mg/kg	1	<	U	1	-99										
Arsenic	mg/kg	3.27			5	-99	1.96		nv	.524		.5	<	nv	.5	
Barium	mg/kg	265			25	-99	162		nv	1.05		251		nv	1	
Beryllium	mg/kg	1.33			0.5	-99	1.35		nv	.21		1.41		nv	.2	
Boron	mg/kg						2.1	<	nv	2.1		2	<	nv	2	
Cadmium	mg/kg	0.191			1	-99	.262	<	nv	.262		.25	<	nv	.25	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD17					XXSD17					XXSD18				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
	Sample Date:	31-MAR-93					22-AUG-94					30-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
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	.25	-99						.25	<	U	.25	
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg															
HMX	mg/kg	.5	<	U	.5	-99						.5	<	U	.5	
NIOBIUM	mg/kg	.26	<	U	.26	-99						.26	<	U	.26	
Nitrobenzene	mg/kg															
RDX	mg/kg	.5	<	U	.5	-99						.5	<	U	.5	
Tetryl	mg/kg	.5	<	U	.5	-99						.5	<	U	.5	
m-Nitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	
o-Nitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	
p-Nitrotoluene	mg/kg	.25	<	U	.25	-99						.25	<	U	.25	
GEN CHEMISTRY																
Chloride	mg/kg	10	<	U	10	-99						10	<	U	10	
Nitrate	mg/kg	0.1	<	U	0.1	-99						2.36			0.1	
Specific Conductivity	umhos	25			0	0						123			0	0
Sulfate	mg/kg	30			10	-99						30			10	
TOTAL SOLIDS	Percent	66.8			0	0						75.1			0	0
Total Organic Carbon	mg/kg															
pH	STD UNIT	5.7			0	0						6.4			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1	<	U	1	-99						1	<	U	1	
Arsenic	mg/kg	1.8			0.2	-99						0.7			0.1	
Barium	mg/kg	23.3			1	-99	68.2			1.2		39			1	
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1	<	U	1	-99						1	<	U	1	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD18					XXSD19					XXSD19				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
	Sample Date:	31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
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	.25	-99	.25	<	U	.25		.25	<	U	.25	-99
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25		.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		.5	<	U	.5	-99
NIOBIUM	mg/kg	.26	<	U	.26	-99	.26	<	U	.26		.26	<	U	.26	-99
Nitrobenzene	mg/kg															
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5		.5	<	U	.5	-99
Tetryl	mg/kg	.5	<	U	.5	-99	.5	<	U	.5		.5	<	U	.5	-99
m-Nitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25		.25	<	U	.25	-99
o-Nitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25		.25	<	U	.25	-99
p-Nitrotoluene	mg/kg	.25	<	U	.25	-99	.25	<	U	.25		.25	<	U	.25	-99
GEN CHEMISTRY																
Chloride	mg/kg	10	<	U	10	-99	44			10		10	<	U	10	-99
Nitrate	mg/kg	0.1	<	U	0.1	-99	1.01			0.1		0.1	<	U	0.1	-99
Specific Conductivity	umhos	53			0	0	28			0	0	62			0	0
Sulfate	mg/kg	30			10	-99	10	<	U	10		30			10	-99
TOTAL SOLIDS	Percent	54			0	0	82.8			0	0	71.4			0	0
Total Organic Carbon	mg/kg															
pH	STD UNIT	5.8			0	0	5.7			0	0	6.3			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1	<	U	1	-99	1	<	U	1		1	<	U	1	-99
Arsenic	mg/kg	2			0.2	-99	1.7			0.1		3.5			0.5	-99
Barium	mg/kg	48.4			1	-99	58			1		27.5			1	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1	<	U	1	-99	1	<	U	1		1	<	U	1	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD20					
	Associated Site:	Saunders Branch					
	Sample No:	LHXX-SD20					
	Sample Date:	01-APR-93					
User Test Group	*Sample Depth:*	.0 - 0					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES						
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
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	89			10	-99
Nitrate	mg/kg	0.1	<	U	0.1	-99
Specific Conductivity	umhos	38			0	0
Sulfate	mg/kg	30			10	-99
TOTAL SOLIDS	Percent	69.7			0	0
Total Organic Carbon	mg/kg					
pH	STD UNIT	6.2			0	0
METALS						
Aluminum	mg/kg					
Antimony	mg/kg	1	<	U	1	-99
Arsenic	mg/kg	1			0.1	-99
Barium	mg/kg	85.9			1	-99
Beryllium	mg/kg					
Boron	mg/kg					
Cadmium	mg/kg	1	<	U	1	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD16					18SD16					18SD17				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)				
	Sample Date:	21-FEB-95					21-FEB-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Calcium	mg/kg															
Chromium	mg/kg	11.2			3.26	-99	9.82			1.47	-99	40.2			1.31	-99
Cobalt	mg/kg															
Copper	mg/kg	6.8			1.6	-99	4.8			0.73	-99	4.1			0.66	-99
Iron	mg/kg															
Lead	mg/kg	13			8.14	-99	13.2			7.33	-99	12.5			3.29	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.16	<	U	0.16	-99	0.15	<	U	0.15	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	22.8			3.26	-99	11.4			1.47	-99	4.53			1.31	-99
Potassium	mg/kg															
Selenium	mg/kg	1.63	<	U	1.63	-99	1.47	<	U	1.47	-99	1.31	<	U	1.31	-99
Silver	mg/kg	3.26	<	U	3.26	-99	1.47	<	U	1.47	-99	1.31	<	U	1.31	-99
Strontium	mg/kg															
Thallium	mg/kg	0.81	<	U	0.81	-99	0.73	<	U	0.73	-99	0.66	<	U	0.66	-99
Vanadium	mg/kg															
Zinc	mg/kg	71.2			0.98	-99	32.6			0.44	-99	13.3			0.39	-99
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
4,4’-DDD	mg/kg															
4,4’-DDE	mg/kg															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD18					18SD19					CL-SBS-1				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
	Sample Date:	05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Calcium	mg/kg											2340			-99	-99
Chromium	mg/kg	14.1			1.78	-99	9.26			2	-99	11.6			-99	-99
Cobalt	mg/kg											12.3			-99	-99
Copper	mg/kg	6			0.89	-99	6.6			1	-99	16.2			-99	-99
Iron	mg/kg											12400			-99	-99
Lead	mg/kg	13.5			0.89	-99	1	<	U	1	-99	27.6			-99	-99
Magnesium	mg/kg											986			-99	-99
Manganese	mg/kg											450			-99	-99
Mercury	mg/kg	0.18	<	U	0.18	-99	0.2	<	U	0.2	-99	0.13			-99	-99
Molybdenum	mg/kg															
Nickel	mg/kg	11.3			1.78	-99	13.8			2	-99	14.8			-99	-99
Potassium	mg/kg											841			-99	-99
Selenium	mg/kg	1.78	<	U	1.78	-99	2	<	U	2	-99	1.73			0.5	-99
Silver	mg/kg	1.78	<	U	1.78	-99	2	<	U	2	-99	0.5	<	U	0.5	-99
Strontium	mg/kg											42.5			-99	-99
Thallium	mg/kg	0.89	<	U	0.89	-99	1	<	U	1	-99	1	<	U	1	-99
Vanadium	mg/kg											30.8			-99	-99
Zinc	mg/kg	39.3			0.53	-99	27			0.6	-99	49.4			-99	-99
PERC																
Perchlorate	ug/kg											88	<	U	88	37
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,4,5-T	mg/kg											.193	<	U	.193	-99
2,4,5-TP (Silvex)	mg/kg											.0385	<	U	.0385	-99
2,4-D	mg/kg											1.16	<	U	1.16	-99
4,4'-DDD	mg/kg											.0077	<	U	.0077	-99
4,4'-DDE	mg/kg											.0077	<	U	.0077	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
User Test Group	*Sample Depth:*	.5 - 1					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Calcium	mg/kg	855			-99	-99	2120			-99	-99					
Chromium	mg/kg	14.1			-99	-99	10.8			-99	-99					
Cobalt	mg/kg	8.87			-99	-99	13.7			-99	-99					
Copper	mg/kg	6.87			-99	-99	13			-99	-99					
Iron	mg/kg	8640			-99	-99	12700			-99	-99					
Lead	mg/kg	17.1			-99	-99	20.5			-99	-99					
Magnesium	mg/kg	872			-99	-99	890			-99	-99					
Manganese	mg/kg	155			-99	-99	488			-99	-99					
Mercury	mg/kg	0.07			-99	-99	0.149			-99	-99					
Molybdenum	mg/kg															
Nickel	mg/kg	12.2			-99	-99	14.9			-99	-99					
Potassium	mg/kg	996			-99	-99	803			-99	-99					
Selenium	mg/kg	0.768			0.5	-99	1.72			0.5	-99					
Silver	mg/kg	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99					
Strontium	mg/kg	19.5			-99	-99	39.5			-99	-99					
Thallium	mg/kg	1	<	U	1	-99	1	<	U	1	-99					
Vanadium	mg/kg	20.4			-99	-99	24.5			-99	-99					
Zinc	mg/kg	42.1			-99	-99	60.4			-99	-99					
PERC																
Perchlorate	ug/kg	34	<	U	34	14	88	<	U	88	37					
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,4,5-T	mg/kg	.05	<	U	.05	-99	.25	<	U	.25	-99					
2,4,5-TP (Silvex)	mg/kg	.01	<	U	.01	-99	.05	<	U	.05	-99					
2,4-D	mg/kg	.3	<	U	.3	-99	1.5	<	U	1.5	-99					
4,4'-DDD	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
4,4'-DDE	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.5 - 1					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Calcium	mg/kg	1680			-99	-99										
Chromium	mg/kg	17.5			-99	-99	12.7		nv	1.05		7.87		nv	1	
Cobalt	mg/kg	11.3			-99	-99										
Copper	mg/kg	11.5			-99	-99	5.2		nv	.524		7.04		nv	.5	
Iron	mg/kg	14900			-99	-99	9564		nv	10.5		4766		nv	10	
Lead	mg/kg	21.2			-99	-99	19.3		nv	2.1		25.7		nv	2	
Magnesium	mg/kg	1220			-99	-99	641		nv	10.5		507		nv	10	
Manganese	mg/kg	292			-99	-99	353		nv	1.05		313		nv	1	
Mercury	mg/kg	0.107			-99	-99	.0506		nv	.0184		.0731		nv	.0198	
Molybdenum	mg/kg						1.05	<	nv	1.05		1	<	nv	1	
Nickel	mg/kg	15.1			-99	-99	8.99		nv	1.05		8.43		nv	1	
Potassium	mg/kg	1330			-99	-99										
Selenium	mg/kg	1.17			0.5	-99	.524	<	nv	.524		.5	<	nv	.5	
Silver	mg/kg	0.5	<	U	0.5	-99	.189	<	nv	.189		.18	<	nv	.18	
Strontium	mg/kg	34.6			-99	-99	13.5		nv	.524		23		nv	.5	
Thallium	mg/kg	1	<	U	1	-99										
Vanadium	mg/kg	28.2			-99	-99	19.6		nv	.524		12.7		nv	.5	
Zinc	mg/kg	60.2			-99	-99	21.8		nv	5.24		25.9		nv	5	
PERC																
Perchlorate	ug/kg	44	<	U	44	18										
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
1,2,4,5-Tetrachloro-benzene	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
2,4,5-T	mg/kg	.114	<	U	.114	-99										
2,4,5-TP (Silvex)	mg/kg	.0227	<	U	.0227	-99										
2,4-D	mg/kg	.681	<	U	.681	-99										
4,4'-DDD	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
4,4'-DDE	mg/kg	.00454	<	U	.00454	-99	.000655		nv	.000344		.000709		nv	.000663	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD17					XXSD17					XXSD18				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
	Sample Date:	31-MAR-93					22-AUG-94					30-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Calcium	mg/kg															
Chromium	mg/kg	3.5			1	-99						2.4			1	
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	4			1	-99	19			3		4			1	
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.01			0.01	-99						0.01	<	U	0.01	
Molybdenum	mg/kg															
Nickel	mg/kg	2.6			1	-99						2.8			1	
Potassium	mg/kg															
Selenium	mg/kg	0.1			0.1	-99	1.2	<	UJ	1.2		0.1	<	U	0.1	
Silver	mg/kg	1	<	U	1	-99						1	<	U	1	
Strontium	mg/kg															
Thallium	mg/kg	0.2	<	U	0.2	-99						0.2	<	U	0.2	
Vanadium	mg/kg															
Zinc	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD18					XXSD19					XXSD19				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
	Sample Date:	31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Calcium	mg/kg															
Chromium	mg/kg	5.8			1	-99	4.1			1		1	<	U	1	-99
Cobalt	mg/kg															
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	6			1	-99	5			1		8			1	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.01			0.01	-99	0.03			0.01		0.02			0.01	-99
Molybdenum	mg/kg															
Nickel	mg/kg	3.1			1	-99	2.1			1		1	<	U	1	-99
Potassium	mg/kg															
Selenium	mg/kg	0.2			0.1	-99	0.1	<	U	0.1		0.3			0.1	-99
Silver	mg/kg	1	<	U	1	-99	1	<	U	1		1	<	U	1	-99
Strontium	mg/kg															
Thallium	mg/kg	0.2	<	U	0.2	-99	0.2	<	U	0.2		0.2	<	U	0.2	-99
Vanadium	mg/kg															
Zinc	mg/kg															
PERC																
Perchlorate	ug/kg															
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
4,4'-DDD	mg/kg															
4,4'-DDE	mg/kg															

	Location Code:	XXSD20					
	Associated Site:	Saunders Branch					
	Sample No:	LHXX-SD20					
	Sample Date:	01-APR-93					
User Test Group	*Sample Depth:*	.0 - 0					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
METALS							
Calcium	mg/kg						
Chromium	mg/kg	5.1			1	-99	
Cobalt	mg/kg						
Copper	mg/kg						
Iron	mg/kg						
Lead	mg/kg	5			1	-99	
Magnesium	mg/kg						
Manganese	mg/kg						
Mercury	mg/kg	0.04			0.01	-99	
Molybdenum	mg/kg						
Nickel	mg/kg	5.9			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						
PERC							
Perchlorate	ug/kg						
PESTICIDES							
1,2,3,4-Tetrachlorobenzene	mg/kg						
1,2,4,5-Tetrachloro-benzene	mg/kg						
2,4,5-T	mg/kg						
2,4,5-TP (Silvex)	mg/kg						
2,4-D	mg/kg						
4,4’-DDD	mg/kg						
4,4’-DDE	mg/kg						

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD16					18SD16					18SD17				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)				
	Sample Date:	21-FEB-95					21-FEB-95					05-MAR-95				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
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															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	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															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD18					18SD19					CL-SBS-1				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
	Sample Date:	05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDT	mg/kg											.0077	<	U	.0077	-99
Aldrin	mg/kg											.0077	<	U	.0077	-99
Aroclor 1016	mg/kg											.135	<	U	.135	-99
Aroclor 1221	mg/kg											.135	<	U	.135	-99
Aroclor 1232	mg/kg											.135	<	U	.135	-99
Aroclor 1242	mg/kg											.135	<	U	.135	-99
Aroclor 1248	mg/kg											.135	<	U	.135	-99
Aroclor 1254	mg/kg											.135	<	U	.135	-99
Aroclor 1260	mg/kg											.135	<	U	.135	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg											.077	<	U	.077	-99
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg											.0077	<	U	.0077	-99
Dinoseb	mg/kg											.578	<	U	.578	-99
Endosulfan I	mg/kg											.0077	<	U	.0077	-99
Endosulfan II	mg/kg											.0077	<	U	.0077	-99
Endosulfan Sulfate	mg/kg											.0077	<	U	.0077	-99
Endrin	mg/kg											.0077	<	U	.0077	-99
Endrin aldehyde	mg/kg											.0077	<	U	.0077	-99
Endrin ketone	mg/kg											.0077	<	U	.0077	-99
Heptachlor	mg/kg											.0077	<	U	.0077	-99
Heptachlor epoxide	mg/kg											.0077	<	U	.0077	-99
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg											.0077	<	U	.0077	-99
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg											.77	<	U	.77	-99
alpha-BHC	mg/kg											.0077	<	U	.0077	-99
alpha-Chlordane	mg/kg											.0077	<	U	.0077	-99
beta-BHC	mg/kg											.0077	<	U	.0077	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
User Test Group	*Sample Depth:*	.5 - 1					.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'-DDT	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Aldrin	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Aroclor 1016	mg/kg	.035	<	U	.035	-99	.175	<	U	.175	-99					
Aroclor 1221	mg/kg	.035	<	U	.035	-99	.175	<	U	.175	-99					
Aroclor 1232	mg/kg	.035	<	U	.035	-99	.175	<	U	.175	-99					
Aroclor 1242	mg/kg	.035	<	U	.035	-99	.175	<	U	.175	-99					
Aroclor 1248	mg/kg	.035	<	U	.035	-99	.175	<	U	.175	-99					
Aroclor 1254	mg/kg	.035	<	U	.035	-99	.175	<	U	.175	-99					
Aroclor 1260	mg/kg	.035	<	U	.035	-99	.175	<	U	.175	-99					
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.02	<	U	.02	-99	.1	<	U	.1	-99					
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Dinoseb	mg/kg	.15	<	U	.15	-99	.75	<	U	.75	-99					
Endosulfan I	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Endosulfan II	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Endosulfan Sulfate	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Endrin	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Endrin aldehyde	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Endrin ketone	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Heptachlor	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Heptachlor epoxide	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.2	<	U	.2	-99	1	<	U	1	-99					
alpha-BHC	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
alpha-Chlordane	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					
beta-BHC	mg/kg	.002	<	U	.002	-99	.01	<	U	.01	-99					

Exhibit 1

Summary of Validated Sediment Analytical Data

Saunders Branch Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.5 - 1					.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'-DDT	mg/kg	.00454	<	U	.00454	-99	.000547		nv	.000344		.000663	<	nv	.000663	
Aldrin	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
Aroclor 1016	mg/kg	.0795	<	U	.0795	-99										
Aroclor 1221	mg/kg	.0795	<	U	.0795	-99										
Aroclor 1232	mg/kg	.0795	<	U	.0795	-99										
Aroclor 1242	mg/kg	.0795	<	U	.0795	-99	.00172	<	nv	.00172		.00332	<	nv	.00332	
Aroclor 1248	mg/kg	.0795	<	U	.0795	-99	.00172	<	nv	.00172		.00332	<	nv	.00332	
Aroclor 1254	mg/kg	.0795	<	U	.0795	-99	.00172	<	nv	.00172		.00332	<	nv	.00332	
Aroclor 1260	mg/kg	.0795	<	U	.0795	-99	.00172	<	nv	.00172		.00332	<	nv	.00332	
Aroclor 1268	mg/kg						.00172	<	nv	.00172		.00332	<	nv	.00332	
Chlordane	mg/kg	.0454	<	U	.0454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
Chlorpyrifos	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
Dieldrin	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
Dinoseb	mg/kg	.341	<	U	.341	-99										
Endosulfan I	mg/kg	.00454	<	U	.00454	-99										
Endosulfan II	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
Endosulfan Sulfate	mg/kg	.00454	<	U	.00454	-99										
Endrin	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
Endrin aldehyde	mg/kg	.00454	<	U	.00454	-99										
Endrin ketone	mg/kg	.00454	<	U	.00454	-99										
Heptachlor	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
Heptachlor epoxide	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
Hexachlorobenzene	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
METHOXYCHLOR	mg/kg	.00454	<	U	.00454	-99										
MIREX	mg/kg						.000546		nv	.000344		.00161		nv	.000663	
Polychlorinated biphenyls, N.O.S.	mg/kg						.00344		nv	.00172		.00374		nv	.00332	
Toxaphene	mg/kg	.454	<	U	.454	-99	.00172	<	nv	.00172		.00332	<	nv	.00332	
alpha-BHC	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
alpha-Chlordane	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
beta-BHC	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD17					XXSD17					XXSD18				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
	Sample Date:	31-MAR-93					22-AUG-94					30-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
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															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	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															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD18					XXSD19					XXSD19				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
	Sample Date:	31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
4,4'-DDT	mg/kg															
Aldrin	mg/kg															
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															
Aroclor 1268	mg/kg															
Chlordane	mg/kg															
Chlorpyrifos	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															
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	XXSD20					
	Associated Site:	Saunders Branch					
	Sample No:	LHXX-SD20					
	Sample Date:	01-APR-93					
User Test Group	*Sample Depth:*	.0 - 0					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
PESTICIDES							
4,4'-DDT	mg/kg						
Aldrin	mg/kg						
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						
Aroclor 1268	mg/kg						
Chlordane	mg/kg						
Chlorpyrifos	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						
Endrin ketone	mg/kg						
Heptachlor	mg/kg						
Heptachlor epoxide	mg/kg						
Hexachlorobenzene	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						
beta-BHC	mg/kg						

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD16					18SD16					18SD17				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)				
	Sample Date:	21-FEB-95					21-FEB-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
gamma-CHLORDANE	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															
1,3-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															
2-Chlorophenol	mg/kg															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD18					18SD19					CL-SBS-1				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
	Sample Date:	05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg											.0077	<	U	.0077	-99
gamma-BHC (Lindane)	mg/kg											.0077	<	U	.0077	-99
gamma-CHLORDANE	mg/kg											.0077	<	U	.0077	-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											6.55	<	U	6.55	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2-Dichlorobenzene	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											6.55	<	U	6.55	-99
2,4,5-Trichlorophenol	mg/kg											6.55	<	U	6.55	-99
2,4,6-Trichlorophenol	mg/kg											6.55	<	U	6.55	-99
2,4-Dichlorophenol	mg/kg											6.55	<	U	6.55	-99
2,4-Dimethylphenol	mg/kg											6.55	<	U	6.55	-99
2,4-Dinitrophenol	mg/kg											25.4	<	U	25.4	-99
2,4-Dinitrotoluene	mg/kg											6.55	<	U	6.55	-99
2,6-Dichlorophenol	mg/kg											6.55	<	U	6.55	-99
2,6-Dinitrotoluene	mg/kg											6.55	<	U	6.55	-99
2-Chloronaphthalene	mg/kg											2.58	<	U	2.58	-99
2-Chlorophenol	mg/kg											6.55	<	U	6.55	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2				
		Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
		Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)				
		Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
		Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
cis-nonachlor	mg/kg																
delta-BHC	mg/kg		.002	<	U	.002	-99	.01	<	U	.01	-99					
gamma-BHC (Lindane)	mg/kg		.002	<	U	.002	-99	.01	<	U	.01	-99					
gamma-CHLORDANE	mg/kg		.002	<	U	.002	-99	.01	<	U	.01	-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		.17	<	U	.17	-99	.85	<	U	.85	-99					
1,2,4-Trichlorobenzene	mg/kg																
1,2-Dichlorobenzene	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		.17	<	U	.17	-99	.85	<	U	.85	-99					
2,4,5-Trichlorophenol	mg/kg		.17	<	U	.17	-99	.85	<	U	.85	-99					
2,4,6-Trichlorophenol	mg/kg		.17	<	U	.17	-99	.85	<	U	.85	-99					
2,4-Dichlorophenol	mg/kg		.17	<	U	.17	-99	.85	<	U	.85	-99					
2,4-Dimethylphenol	mg/kg		.17	<	U	.17	-99	.85	<	U	.85	-99					
2,4-Dinitrophenol	mg/kg		.66	<	U	.66	-99	3.3	<	U	3.3	-99					
2,4-Dinitrotoluene	mg/kg		.17	<	U	.17	-99	.85	<	U	.85	-99					
2,6-Dichlorophenol	mg/kg		.17	<	U	.17	-99	.85	<	U	.85	-99					
2,6-Dinitrotoluene	mg/kg		.17	<	U	.17	-99	.85	<	U	.85	-99					
2-Chloronaphthalene	mg/kg		.067	<	U	.067	-99	.335	<	U	.335	-99					
2-Chlorophenol	mg/kg		.17	<	U	.17	-99	.85	<	U	.85	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.5 - 1					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
delta-BHC	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
gamma-BHC (Lindane)	mg/kg	.00454	<	U	.00454	-99	.000344	<	nv	.000344		.000663	<	nv	.000663	
gamma-CHLORDANE	mg/kg	.00454	<	U	.00454	-99										
o,p'-DDD	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
o,p'-DDE	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
o,p'-DDT	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
oxychlordane	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
pentachloro-anisole	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
trans-NONACHLOR	mg/kg						.000344	<	nv	.000344		.000663	<	nv	.000663	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
1,2,4-Trichlorobenzene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
1,2-Dichlorobenzene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
1,3-Dichlorobenzene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
1,4-Dichlorobenzene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
1-Chloronaphthalene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
1-Naphthylamine	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
2,3,4,6-Tetrachlorophenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2,4,5-Trichlorophenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2,4,6-Trichlorophenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2,4-Dichlorophenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2,4-Dimethylphenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2,4-Dinitrophenol	mg/kg	1.5	<	U	1.5	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2,4-Dinitrotoluene	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2,6-Dichlorophenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2,6-Dinitrotoluene	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2-Chloronaphthalene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2-Chlorophenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD17					XXSD17					XXSD18				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
	Sample Date:	31-MAR-93					22-AUG-94					30-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
gamma-CHLORDANE	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	
1,2-Dichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
1,3-Dichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
1,4-Dichlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
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	
2,4,6-Trichlorophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
2,4-Dichlorophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
2,4-Dimethylphenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
2,4-Dinitrophenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	
2,4-Dinitrotoluene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
2-Chloronaphthalene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
2-Chlorophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD18					XXSD19					XXSD19				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
	Sample Date:	31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg															
gamma-BHC (Lindane)	mg/kg															
gamma-CHLORDANE	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		.33	<	U	.33	-99
1,2-Dichlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
1,3-Dichlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
1,4-Dichlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.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		1.65	<	U	1.65	-99
2,4,6-Trichlorophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
2,4-Dichlorophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
2,4-Dimethylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
2,4-Dinitrophenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65		1.65	<	U	1.65	-99
2,4-Dinitrotoluene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
2-Chloronaphthalene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
2-Chlorophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99

	Location Code:	XXSD20					
	Associated Site:	Saunders Branch					
	Sample No:	LHXX-SD20					
	Sample Date:	01-APR-93					
User Test Group	*Sample Depth:*	.0 - 0					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
PESTICIDES							
cis-nonachlor	mg/kg						
delta-BHC	mg/kg						
gamma-BHC (Lindane)	mg/kg						
gamma-CHLORDANE	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	
1,3-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	
2-Chlorophenol	mg/kg	.33	<	U	.33	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD16					18SD16					18SD17				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)				
	Sample Date:	21-FEB-95					21-FEB-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
3,3'-Dimethylbenzidine	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															
Acetophenone	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															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD18					18SD19					CL-SBS-1				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
	Sample Date:	05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg											6.55	<	U	6.55	-99
2-Methylphenol	mg/kg											6.55	<	U	6.55	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg											6.55	<	U	6.55	-99
2-Nitrophenol	mg/kg											6.55	<	U	6.55	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg											12.7	<	U	12.7	-99
3,3'-Dimethylbenzidine	mg/kg											12.7	<	U	12.7	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg											6.55	<	U	6.55	-99
4,6-Dinitro-2-methylphenol	mg/kg											12.7	<	U	12.7	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg											6.55	<	U	6.55	-99
4-Chloro-3-methylphenol	mg/kg											6.55	<	U	6.55	-99
4-Chloroaniline	mg/kg											6.55	<	U	6.55	-99
4-Chlorophenyl phenyl ether	mg/kg											6.55	<	U	6.55	-99
4-Methylphenol	mg/kg											6.55	<	U	6.55	-99
4-Nitroaniline	mg/kg											6.55	<	U	6.55	-99
4-Nitrophenol	mg/kg											6.55	<	U	6.55	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg											2.58	<	U	2.58	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg											6.55	<	U	6.55	-99
Aniline	mg/kg											6.55	<	U	6.55	-99
Anthracene	mg/kg											2.58	<	U	2.58	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg											2.58	<	U	2.58	-99
Benzo(a)pyrene	mg/kg											2.58	<	U	2.58	-99
Benzo(b)fluoranthene	mg/kg											2.58	<	U	2.58	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
User Test Group	*Sample Depth:*	.5 - 1					.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-Methylnaphthalene	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
2-Methylphenol	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
2-Nitrophenol	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.33	<	U	.33	-99	1.65	<	U	1.65	-99					
3,3'-Dimethylbenzidine	mg/kg	.33	<	U	.33	-99	1.65	<	U	1.65	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
4,6-Dinitro-2-methylphenol	mg/kg	.33	<	U	.33	-99	1.65	<	U	1.65	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
4-Chloro-3-methylphenol	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
4-Chloroaniline	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
4-Chlorophenyl phenyl ether	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
4-Methylphenol	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
4-Nitroaniline	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
4-Nitrophenol	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99					
Acentophenone	mg/kg															
Acetophenone	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
Aniline	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
Anthracene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99					
Benzo(a)pyrene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99					
Benzo(b)fluoranthene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99					

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.5 - 1					.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-Methylnaphthalene	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2-Methylphenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2-Naphthylamine	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
2-Nitroaniline	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2-Nitrophenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
2-Picoline	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
3,3'-Dichlorobenzidine	mg/kg	.749	<	U	.749	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
3,3'-Dimethylbenzidine	mg/kg	.749	<	U	.749	-99										
3-Methylcholanthrene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
3-Nitroaniline	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
4,6-Dinitro-2-methylphenol	mg/kg	.749	<	U	.749	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
4-Aminobiphenyl	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
4-Bromophenyl phenyl ether	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
4-Chloro-3-methylphenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
4-Chloroaniline	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
4-Chlorophenyl phenyl ether	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
4-Methylphenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
4-Nitroaniline	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
4-Nitrophenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
7,12-Dimethylbenz(a)-anthracene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Acenaphthene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Acenaphthylene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Acentophenone	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Acetophenone	mg/kg	.386	<	U	.386	-99										
Aniline	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Anthracene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Benzidine	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Benzo(a)anthracene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Benzo(a)pyrene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Benzo(b)fluoranthene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	

Location Code:		XXSD17					XXSD17					XXSD18				
Associated Site:		Saunders Branch					Saunders Branch					Saunders Branch				
Sample No:		LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
Sample Date:		31-MAR-93					22-AUG-94					30-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
2-Methylphenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	
2-Nitrophenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.65	<	U	.65	-99						.65	<	U	.65	
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	
4,6-Dinitro-2-methylphenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
4-Chloro-3-methylphenol	mg/kg	.65	<	U	.65	-99						.65	<	U	.65	
4-Chloroaniline	mg/kg	.65	<	U	.65	-99						.65	<	U	.65	
4-Chlorophenyl phenyl ether	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
4-Methylphenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
4-Nitroaniline	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	
4-Nitrophenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Acenaphthylene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Benzo(a)pyrene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Benzo(b)fluoranthene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	

Location Code:		XXSD18					XXSD19					XXSD19				
Associated Site:		Saunders Branch					Saunders Branch					Saunders Branch				
Sample No:		LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
Sample Date:		31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
2-Methylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65		1.65	<	U	1.65	-99
2-Nitrophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.65	<	U	.65	-99	.65	<	U	.65		.65	<	U	.65	-99
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65		1.65	<	U	1.65	-99
4,6-Dinitro-2-methylphenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65		1.65	<	U	1.65	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
4-Chloro-3-methylphenol	mg/kg	.65	<	U	.65	-99	.65	<	U	.65		.65	<	U	.65	-99
4-Chloroaniline	mg/kg	.65	<	U	.65	-99	.65	<	U	.65		.65	<	U	.65	-99
4-Chlorophenyl phenyl ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
4-Methylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
4-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65		1.65	<	U	1.65	-99
4-Nitrophenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65		1.65	<	U	1.65	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Acenaphthylene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Benzo(a)pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Benzo(b)fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99

Location Code:	XXSD20
Associated Site:	Saunders Branch
Sample No:	LHXX-SD20
Sample Date:	01-APR-93
User Test Group *Sample Depth:*	.0 - 0

Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES						
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
3,3'-Dimethylbenzidine	mg/kg					
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					
Acetophenone	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

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD16					18SD16					18SD17				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)				
	Sample Date:	21-FEB-95					21-FEB-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(ghi)perylene	mg/kg															
Benzo(k)fluoranthene	mg/kg															
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg															
Butyl benzyl phthalate	mg/kg															
CHLOROBENZILATE	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															
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg															
Diphenylamine	mg/kg															
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	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															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg															

	Location Code:	18SD18					18SD19					CL-SBS-1				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
	Sample Date:	05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(ghi)perylene	mg/kg											2.58	<	U	2.58	-99
Benzo(k)fluoranthene	mg/kg											2.58	<	U	2.58	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg											6.55	<	U	6.55	-99
Butyl benzyl phthalate	mg/kg											6.55	<	U	6.55	-99
CHLOROBENZILATE	mg/kg											6.55	<	U	6.55	-99
Carbazole	mg/kg															
Chrysene	mg/kg											2.58	<	U	2.58	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg											2.58	<	U	2.58	-99
Dibenzofuran	mg/kg											6.55	<	U	6.55	-99
Diethyl phthalate	mg/kg											6.55	<	U	6.55	-99
Dimethoate	mg/kg											.193	<	U	.193	-99
Dimethyl phthalate	mg/kg											6.55	<	U	6.55	-99
Diphenylamine	mg/kg											6.55	<	U	6.55	-99
Disulfoton	mg/kg											.193	<	U	.193	-99
Ethyl methanesulfonate	mg/kg											6.55	<	U	6.55	-99
Famphur	mg/kg											.193	<	U	.193	-99
Fluoranthene	mg/kg											2.58	<	U	2.58	-99
Fluorene	mg/kg											2.58	<	U	2.58	-99
Hexachlorobenzene	mg/kg											6.55	<	U	6.55	-99
Hexachlorobutadiene	mg/kg															
Hexachlorocyclopentadiene	mg/kg											6.55	<	U	6.55	-99
Hexachloroethane	mg/kg											6.55	<	U	6.55	-99
Indeno(1,2,3-cd)pyrene	mg/kg											2.58	<	U	2.58	-99
Isophorone	mg/kg															
Methyl methanesulfonate	mg/kg											6.55	<	U	6.55	-99
Methyl parathion	mg/kg											.193	<	U	.193	-99
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2								
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch								
	Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)								
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00								
User Test Group	*Sample Depth:*	.5 - 1					.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(ghi)perylene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99									
Benzo(k)fluoranthene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99									
Benzoic Acid	mg/kg																			
Benzyl Alcohol	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Butyl benzyl phthalate	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
CHLOROBENZILATE	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Carbazole	mg/kg																			
Chrysene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99									
Dibenz(a,j)acridine	mg/kg																			
Dibenzo(a,h)anthracene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99									
Dibenzofuran	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Diethyl phthalate	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Dimethoate	mg/kg	.05	<	U	.05	-99	.25	<	U	.25	-99									
Dimethyl phthalate	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Diphenylamine	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Disulfoton	mg/kg	.05	<	U	.05	-99	.25	<	U	.25	-99									
Ethyl methanesulfonate	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Famphur	mg/kg	.05	<	U	.05	-99	.25	<	U	.25	-99									
Fluoranthene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99									
Fluorene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99									
Hexachlorobenzene	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Hexachlorobutadiene	mg/kg																			
Hexachlorocyclopentadiene	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Hexachloroethane	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Indeno(1,2,3-cd)pyrene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99									
Isophorone	mg/kg																			
Methyl methanesulfonate	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99									
Methyl parathion	mg/kg	.05	<	U	.05	-99	.25	<	U	.25	-99									
N-nitrosopiperidine	mg/kg																			
Naphthalene	mg/kg																			

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.5 - 1					.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(ghi)perylene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Benzo(k)fluoranthene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Benzoic Acid	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Benzyl Alcohol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Butyl benzyl phthalate	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
CHLOROBENZILATE	mg/kg	.386	<	U	.386	-99										
Carbazole	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Chrysene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Dibenz(a,j)acridine	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Dibenzo(a,h)anthracene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Dibenzofuran	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Diethyl phthalate	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Dimethoate	mg/kg	.114	<	U	.114	-99										
Dimethyl phthalate	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Diphenylamine	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Disulfoton	mg/kg	.114	<	U	.114	-99										
Ethyl methanesulfonate	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Famphur	mg/kg	.114	<	U	.114	-99										
Fluoranthene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Fluorene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Hexachlorobenzene	mg/kg	.386	<	U	.386	-99										
Hexachlorobutadiene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Hexachlorocyclopentadiene	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Hexachloroethane	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Indeno(1,2,3-cd)pyrene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Isophorone	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Methyl methanesulfonate	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Methyl parathion	mg/kg	.114	<	U	.114	-99										
N-nitrosopiperidine	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Naphthalene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD17					XXSD17					XXSD18				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
	Sample Date:	31-MAR-93					22-AUG-94					30-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(ghi)perylene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Benzo(k)fluoranthene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Benzoic Acid	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	
Benzyl Alcohol	mg/kg	.65	<	U	.65	-99						.65	<	U	.65	
Butyl benzyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
CHLOROBENZILATE	mg/kg															
Carbazole	mg/kg															
Chrysene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Dibenzofuran	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Diethyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Diphenylamine	mg/kg															
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Fluorene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Hexachlorobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Hexachlorobutadiene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Hexachlorocyclopentadiene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Hexachloroethane	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Indeno(1,2,3-cd)pyrene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Isophorone	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	

	Location Code:	XXSD18					XXSD19					XXSD19				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
	Sample Date:	31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzo(ghi)perylene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Benzo(k)fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Benzoic Acid	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65		1.65	<	U	1.65	-99
Benzyl Alcohol	mg/kg	.65	<	U	.65	-99	.65	<	U	.65		.65	<	U	.65	-99
Butyl benzyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
CHLOROBENZILATE	mg/kg															
Carbazole	mg/kg															
Chrysene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Dibenzofuran	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Diethyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Diphenylamine	mg/kg															
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Fluorene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Hexachlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Hexachlorobutadiene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Hexachlorocyclopentadiene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Hexachloroethane	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Isophorone	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99

Location Code:	XXSD20
Associated Site:	Saunders Branch
Sample No:	LHXX-SD20
Sample Date:	01-APR-93
User Test Group *Sample Depth:*	.0 - 0

Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES						
Benzo(ghi)perylene	mg/kg	.33	<	U	.33	-99
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
CHLOROBENZILATE	mg/kg					
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
Dimethoate	mg/kg					
Dimethyl phthalate	mg/kg	.33	<	U	.33	-99
Diphenylamine	mg/kg					
Disulfoton	mg/kg					
Ethyl methanesulfonate	mg/kg					
Famphur	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					
Methyl parathion	mg/kg					
N-nitrosopiperidine	mg/kg					
Naphthalene	mg/kg	.33	<	U	.33	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD16					18SD16					18SD17				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)				
	Sample Date:	21-FEB-95					21-FEB-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg															
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg															
Phenacetin	mg/kg															
Phenanthrene	mg/kg															
Phenol	mg/kg															
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg															
Pyridine	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-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD18					18SD19					CL-SBS-1				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
	Sample Date:	05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg											6.55	<	U	6.55	-99
Parathion	mg/kg											.193	<	U	.193	-99
Pentachlorobenzene	mg/kg											6.55	<	U	6.55	-99
Pentachloronitrobenzene	mg/kg											12.7	<	U	12.7	-99
Pentachlorophenol	mg/kg											6.55	<	U	6.55	-99
Phenacetin	mg/kg											6.55	<	U	6.55	-99
Phenanthrene	mg/kg											2.58	<	U	2.58	-99
Phenol	mg/kg											6.55	<	U	6.55	-99
Phorate	mg/kg											.193	<	U	.193	-99
Pronamide	mg/kg															
Pyrene	mg/kg											2.58	<	U	2.58	-99
Pyridine	mg/kg											6.55	<	U	6.55	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg											6.55	<	U	6.55	-99
bis(2-Chloroethyl)ether	mg/kg											6.55	<	U	6.55	-99
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg											6.55	<	U	6.55	-99
di-n-Butyl phthalate	mg/kg											6.55	<	U	6.55	-99
di-n-Octyl phthalate	mg/kg											12.7	<	U	12.7	-99
m-Cresol	mg/kg											6.55	<	U	6.55	-99
n-Nitroso-di-n-propylamine	mg/kg											6.55	<	U	6.55	-99
n-Nitrosodi-n-butylamine	mg/kg											6.55	<	U	6.55	-99
n-Nitrosodiethylamine	mg/kg											6.55	<	U	6.55	-99
n-Nitrosodimethylamine	mg/kg											6.55	<	U	6.55	-99
n-Nitrosodiphenylamine	mg/kg											12.7	<	U	12.7	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent											26			0	0
												77			0	0

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
User Test Group	*Sample Depth:*	.5 - 1					.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	.17	<	U	.17	-99	.85	<	U	.85	-99					
Parathion	mg/kg	.05	<	U	.05	-99	.25	<	U	.25	-99					
Pentachlorobenzene	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
Pentachloronitrobenzene	mg/kg	.33	<	U	.33	-99	1.65	<	U	1.65	-99					
Pentachlorophenol	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
Phenacetin	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
Phenanthrene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99					
Phenol	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
Phorate	mg/kg	.05	<	U	.05	-99	.25	<	U	.25	-99					
Pronamide	mg/kg															
Pyrene	mg/kg	.067	<	U	.067	-99	.335	<	U	.335	-99					
Pyridine	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
bis(2-Chloroethyl)ether	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
di-n-Butyl phthalate	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99	1.65	<	U	1.65	-99					
m-Cresol	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
n-Nitroso-di-n-propylamine	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
n-Nitrosodi-n-butylamine	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
n-Nitrosodiethylamine	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
n-Nitrosodimethylamine	mg/kg	.17	<	U	.17	-99	.85	<	U	.85	-99					
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	-99	1.65	<	U	1.65	-99					
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent	40			0	0	20			0	0	73.6			0	0
		71			0	0	77			0	0					

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.5 - 1					.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	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Parathion	mg/kg	.114	<	U	.114	-99										
Pentachlorobenzene	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Pentachloronitrobenzene	mg/kg	.749	<	U	.749	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Pentachlorophenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Phenacetin	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Phenanthrene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Phenol	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Phorate	mg/kg	.114	<	U	.114	-99										
Pronamide	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
Pyrene	mg/kg	.152	<	U	.152	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
Pyridine	mg/kg	.386	<	U	.386	-99										
a,a-Dimethylphenethyl-amine	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
bis(2-Chloroethoxy)methane	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
bis(2-Chloroethyl)ether	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
bis(2-Chloroisopropyl)ether	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
bis(2-Ethylhexyl)phthalate	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
di-n-Butyl phthalate	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
di-n-Octyl phthalate	mg/kg	.749	<	U	.749	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
m-Cresol	mg/kg	.386	<	U	.386	-99										
n-Nitroso-di-n-propylamine	mg/kg	.386	<	U	.386	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
n-Nitrosodi-n-butylamine	mg/kg	.386	<	U	.386	-99										
n-Nitrosodiethylamine	mg/kg	.386	<	U	.386	-99										
n-Nitrosodimethylamine	mg/kg	.386	<	U	.386	-99										
n-Nitrosodiphenylamine	mg/kg	.749	<	U	.749	-99	.0342	<	nv	.0342		.0657	<	nv	.0657	
p-Dimethylaminoazobenzene	mg/kg						.0342	<	nv	.0342		.0657	<	nv	.0657	
SOLIDS																
Percent Solids	Percent	44			0	0										
		54			0	0										

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD17					XXSD17					XXSD18				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
	Sample Date:	31-MAR-93					22-AUG-94					30-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.65	<	U	1.65	-99						1.65	<	U	1.65	
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Phenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
bis(2-Chloroethyl)ether	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
bis(2-Chloroisopropyl)ether	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
bis(2-Ethylhexyl)phthalate	mg/kg	.443			.33	-99						.33	<	U	.33	
di-n-Butyl phthalate	mg/kg	.669			.33	-99						1.76			.33	
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		XXSD18					XXSD19					XXSD19				
Associated Site:		Saunders Branch					Saunders Branch					Saunders Branch				
Sample No:		LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
Sample Date:		31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Nitrobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.65	<	U	1.65	-99	1.65	<	U	1.65		1.65	<	U	1.65	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Phenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
bis(2-Chloroethyl)ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
bis(2-Chloroisopropyl)ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.434			.33	-99	.33	<	U	.33		.33	<	U	.33	-99
di-n-Butyl phthalate	mg/kg	.552			.33	-99	.33	<	U	.33		.33	<	U	.33	-99
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	-99	.33	<	U	.33		.33	<	U	.33	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															

	Location Code:	XXSD20					
	Associated Site:	Saunders Branch					
	Sample No:	LHXX-SD20					
	Sample Date:	01-APR-93					
User Test Group	*Sample Depth:*	.0 - 0					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
SEMIVOLATILES							
Nitrobenzene	mg/kg	.33	<	U	.33	-99	
Parathion	mg/kg						
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	
Phenol	mg/kg	.33	<	U	.33	-99	
Phorate	mg/kg						
Pronamide	mg/kg						
Pyrene	mg/kg	.33	<	U	.33	-99	
Pyridine	mg/kg						
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	.384			.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-Nitrosodi-n-butylamine	mg/kg						
n-Nitrosodiethylamine	mg/kg						
n-Nitrosodimethylamine	mg/kg						
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	-99	
p-Dimethylaminoazobenzene	mg/kg						
SOLIDS							
Percent Solids	Percent						

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD16					18SD16					18SD17				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)				
	Sample Date:	21-FEB-95					21-FEB-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1,2,2-Tetrachloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1,2-Trichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1-Dichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1-Dichloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2-Dichloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2-Dichloropropane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
1,4-Dichlorobenzene	mg/kg															
2-Butanone	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
2-Chloroethyl vinyl ether	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
2-Hexanone	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
2-Propenal	mg/kg	.081	<	U	.081	-99	.073	<	U	.073	-99	.066	<	U	.066	-99
Acetone	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.031			.01314	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.081	<	U	.081	-99	.073	<	U	.073	-99	.066	<	U	.066	-99
Benzene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Bromodichloromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Bromoform	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Sediment Analytical Data

Saunders Branch Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD18					18SD19					CL-SBS-1				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
	Sample Date:	05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg											.0132	<	U	.0132	-99
1,1,1-Trichloroethane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
1,1,2,2-Tetrachloroethane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
1,1,2-Trichloroethane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
1,1-Dichloroethane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
1,1-Dichloroethene	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
1,2,3-Trichlorobenzene	mg/kg											.0132	<	U	.0132	-99
1,2,3-Trichloropropane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
1,2,4-Trichlorobenzene	mg/kg											.0132	<	U	.0132	-99
1,2-Dibromo-3-chloropropane	mg/kg											.0662	<	U	.0662	-99
1,2-Dibromoethane	mg/kg											.0132	<	U	.0132	-99
1,2-Dichlorobenzene	mg/kg											.0132	<	U	.0132	-99
1,2-Dichloroethane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
1,2-Dichloroethene	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99					
1,2-Dichloropropane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg											.0132	<	U	.0132	-99
1,3-Dichlorobenzene	mg/kg											.0132	<	U	.0132	-99
1,3-Dimethylbenzene (m-Xylene)	mg/kg											.0265	<	U	.0265	-99
1,4-Dichloro-2-butene	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99					
1,4-Dichlorobenzene	mg/kg											.0132	<	U	.0132	-99
2-Butanone	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.265	<	U	.265	-99
2-Chloroethyl vinyl ether	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.0662	<	U	.0662	-99
2-Hexanone	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.0662	<	U	.0662	-99
2-Propenal	mg/kg	.089	<	U	.089	-99	.1	<	U	.1	-99	.265	<	U	.265	-99
Acetone	mg/kg	.018	<	U	.018	-99	.055			.02	-99	.588			.04	-99
Acetonitrile	mg/kg											.662	<	U	.662	-99
Acrylonitrile	mg/kg	.089	<	U	.089	-99	.1	<	U	.1	-99	.265	<	U	.265	-99
Benzene	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Bromodichloromethane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Bromoform	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
User Test Group	*Sample Depth:*	.5 - 1					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,1,1-Trichloroethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,1,2,2-Tetrachloroethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,1,2-Trichloroethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,1-Dichloroethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,1-Dichloroethene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,2,3-Trichlorobenzene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,2,3-Trichloropropane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,2,4-Trichlorobenzene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,2-Dibromo-3-chloropropane	mg/kg	.01	<	U	.01	-99	.0806	<	U	.0806	-99					
1,2-Dibromoethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,2-Dichlorobenzene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,2-Dichloroethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,3-Dichlorobenzene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.004	<	U	.004	-99	.0322	<	U	.0322	-99					
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
2-Butanone	mg/kg	.04	<	U	.04	-99	.322	<	U	.322	-99					
2-Chloroethyl vinyl ether	mg/kg	.01	<	U	.01	-99	.0806	<	U	.0806	-99					
2-Hexanone	mg/kg	.01	<	U	.01	-99	.0806	<	U	.0806	-99					
2-Propenal	mg/kg	.04	<	U	.04	-99	.322	<	U	.322	-99					
Acetone	mg/kg	.187			.04	-99	1.08			.04	-99					
Acetonitrile	mg/kg	.1	<	U	.1	-99	.806	<	U	.806	-99					
Acrylonitrile	mg/kg	.04	<	U	.04	-99	.322	<	U	.322	-99					
Benzene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Bromodichloromethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Bromoform	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					

Exhibit 1

Summary of Validated Sediment Analytical Data

Saunders Branch Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.5 - 1					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.00632	<	U	.00632	-99										
1,1,1-Trichloroethane	mg/kg	.00632	<	U	.00632	-99										
1,1,2,2-Tetrachloroethane	mg/kg	.00632	<	U	.00632	-99										
1,1,2-Trichloroethane	mg/kg	.00632	<	U	.00632	-99										
1,1-Dichloroethane	mg/kg	.00632	<	U	.00632	-99										
1,1-Dichloroethene	mg/kg	.00632	<	U	.00632	-99										
1,2,3-Trichlorobenzene	mg/kg	.00632	<	U	.00632	-99										
1,2,3-Trichloropropane	mg/kg	.00632	<	U	.00632	-99										
1,2,4-Trichlorobenzene	mg/kg	.00632	<	U	.00632	-99										
1,2-Dibromo-3-chloropropane	mg/kg	.0316	<	U	.0316	-99										
1,2-Dibromoethane	mg/kg	.00632	<	U	.00632	-99										
1,2-Dichlorobenzene	mg/kg	.00632	<	U	.00632	-99										
1,2-Dichloroethane	mg/kg	.00632	<	U	.00632	-99										
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.00632	<	U	.00632	-99										
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.00632	<	U	.00632	-99										
1,3-Dichlorobenzene	mg/kg	.00632	<	U	.00632	-99										
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.0126	<	U	.0126	-99										
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.00632	<	U	.00632	-99										
2-Butanone	mg/kg	.126	<	U	.126	-99										
2-Chloroethyl vinyl ether	mg/kg	.0316	<	U	.0316	-99										
2-Hexanone	mg/kg	.0316	<	U	.0316	-99										
2-Propenal	mg/kg	.126	<	U	.126	-99										
Acetone	mg/kg	.389			.04	-99										
Acetonitrile	mg/kg	.316	<	U	.316	-99										
Acrylonitrile	mg/kg	.126	<	U	.126	-99										
Benzene	mg/kg	.00632	<	U	.00632	-99										
Bromodichloromethane	mg/kg	.00632	<	U	.00632	-99										
Bromoform	mg/kg	.00632	<	U	.00632	-99										

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD17					XXSD17					XXSD18				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
	Sample Date:	31-MAR-93					22-AUG-94					30-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
1,1-Dichloroethane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
1,1-Dichloroethene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
1,2-Dichloroethene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
1,2-Dichloropropane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
2-Butanone	mg/kg	.05	<	U	.05	-99						.05	<	U	.05	
2-Chloroethyl vinyl ether	mg/kg	.01	<	U	.01	-99						.01	<	U	.01	
2-Hexanone	mg/kg	.05	<	U	.05	-99						.05	<	U	.05	
2-Propenal	mg/kg															
Acetone	mg/kg	.1	<	U	.1	-99						.1	<	U	.1	
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Bromodichloromethane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Bromoform	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD18					XXSD19					XXSD19				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
	Sample Date:	31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
1,1-Dichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
1,1-Dichloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
1,2-Dichloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
1,2-Dichloropropane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
2-Butanone	mg/kg	.05	<	U	.05	-99	.05	<	U	.05		.05	<	U	.05	-99
2-Chloroethyl vinyl ether	mg/kg	.01	<	U	.01	-99	.01	<	U	.01		.01	<	U	.01	-99
2-Hexanone	mg/kg	.05	<	U	.05	-99	.05	<	U	.05		.05	<	U	.05	-99
2-Propenal	mg/kg															
Acetone	mg/kg	.1	<	U	.1	-99	.1	<	U	.1		.1	<	U	.1	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Bromodichloromethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Bromoform	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99

Location Code:	XXSD20
Associated Site:	Saunders Branch
Sample No:	LHXX-SD20
Sample Date:	01-APR-93
User Test Group *Sample Depth:*	.0 - 0

Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES						
1,1,1,2-Tetrachloroethane	mg/kg					
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
1,1-Dichloroethene	mg/kg	.005	<	U	.005	-99
1,2,3-Trichlorobenzene	mg/kg					
1,2,3-Trichloropropane	mg/kg					
1,2,4-Trichlorobenzene	mg/kg					
1,2-Dibromo-3-chloropropane	mg/kg					
1,2-Dibromoethane	mg/kg					
1,2-Dichlorobenzene	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
1,2-Dimethylbenzene (o-Xylene)	mg/kg					
1,3-Dichlorobenzene	mg/kg					
1,3-Dimethylbenzene (m-Xylene)	mg/kg					
1,4-Dichloro-2-butene	mg/kg					
1,4-Dichlorobenzene	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
Acetonitrile	mg/kg					
Acrylonitrile	mg/kg					
Benzene	mg/kg	.005	<	U	.005	-99
Bromodichloromethane	mg/kg	.005	<	U	.005	-99
Bromoform	mg/kg	.005	<	U	.005	-99

	Location Code:	18SD16					18SD16					18SD17				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)				
	Sample Date:	21-FEB-95					21-FEB-95					05-MAR-95				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Bromomethane	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
Carbon disulfide	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Carbon tetrachloride	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Chlorobenzene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Chloroethane	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
Chloroform	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Chloromethane	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
Dibromochloromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Dibromomethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Dichlorodifluoromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Ethyl methacrylate	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Ethylbenzene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
Methylene chloride	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
Naphthalene	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Tetrachloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Toluene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Trichloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Trichlorofluoromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Vinyl acetate	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
Vinyl chloride	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.013	<	U	.013	-99
Xylenes, Total	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99

Location Code:		18SD18					18SD19					CL-SBS-1				
Associated Site:		Saunders Branch					Saunders Branch					Saunders Branch				
Sample No:		18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
Sample Date:		05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Bromomethane	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.0132	<	U	.0132	-99
Carbon disulfide	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.177			.002	-99
Carbon tetrachloride	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Chlorobenzene	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Chloroethane	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.0132	<	U	.0132	-99
Chloroform	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Chloromethane	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.0132	<	U	.0132	-99
Dibromochloromethane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Dibromomethane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Dichlorodifluoromethane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Ethyl methacrylate	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Ethylbenzene	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Hexachlorobutadiene	mg/kg											.0132	<	U	.0132	-99
IODOMETHANE	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.0132	<	U	.0132	-99
METHYL METHACRYLATE	mg/kg											.0662	<	U	.0662	-99
Methacrylonitrile	mg/kg											.132	<	U	.132	-99
Methyl isobutyl ketone	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.0662	<	U	.0662	-99
Methylene chloride	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.0662	<	U	.0662	-99
Naphthalene	mg/kg											.0132	<	U	.0132	-99
Propionitrile	mg/kg											.132	<	U	.132	-99
Styrene	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Tetrachloroethene	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Toluene	mg/kg	.009	<	U	.009	-99	.029			.01	-99	.0132	<	U	.0132	-99
Trichloroethene	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Trichlorofluoromethane	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
Vinyl acetate	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.132	<	U	.132	-99
Vinyl chloride	mg/kg	.018	<	U	.018	-99	.02	<	U	.02	-99	.0132	<	U	.0132	-99
Xylenes, Total	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99					
cis-1,2-Dichloroethene	mg/kg											.0132	<	U	.0132	-99
cis-1,3-Dichloropropene	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99

Exhibit 1

Summary of Validated Sediment Analytical Data

Saunders Branch Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
User Test Group	*Sample Depth:*	.5 - 1					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Bromomethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Carbon disulfide	mg/kg	.00473			.002	-99	.02			.002	-99					
Carbon tetrachloride	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Chlorobenzene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Chloroethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Chloroform	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Chloromethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Dibromochloromethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Dibromomethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Dichlorodifluoromethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Ethyl methacrylate	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Ethylbenzene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Hexachlorobutadiene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
IODOMETHANE	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
METHYL METHACRYLATE	mg/kg	.01	<	U	.01	-99	.0806	<	U	.0806	-99					
Methacrylonitrile	mg/kg	.02	<	U	.02	-99	.161	<	U	.161	-99					
Methyl isobutyl ketone	mg/kg	.01	<	U	.01	-99	.0806	<	U	.0806	-99					
Methylene chloride	mg/kg	.01	<	U	.01	-99	.0806	<	U	.0806	-99					
Naphthalene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Propionitrile	mg/kg	.02	<	U	.02	-99	.161	<	U	.161	-99					
Styrene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Tetrachloroethene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Toluene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Trichloroethene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Trichlorofluoromethane	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Vinyl acetate	mg/kg	.02	<	U	.02	-99	.161	<	U	.161	-99					
Vinyl chloride	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
cis-1,3-Dichloropropene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.5 - 1					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Bromomethane	mg/kg	.00632	<	U	.00632	-99										
Carbon disulfide	mg/kg	.00636			.002	-99										
Carbon tetrachloride	mg/kg	.00632	<	U	.00632	-99										
Chlorobenzene	mg/kg	.00632	<	U	.00632	-99										
Chloroethane	mg/kg	.00632	<	U	.00632	-99										
Chloroform	mg/kg	.00632	<	U	.00632	-99										
Chloromethane	mg/kg	.00632	<	U	.00632	-99										
Dibromochloromethane	mg/kg	.00632	<	U	.00632	-99										
Dibromomethane	mg/kg	.00632	<	U	.00632	-99										
Dichlorodifluoromethane	mg/kg	.00632	<	U	.00632	-99										
Ethyl methacrylate	mg/kg	.00632	<	U	.00632	-99										
Ethylbenzene	mg/kg	.00632	<	U	.00632	-99										
Hexachlorobutadiene	mg/kg	.00632	<	U	.00632	-99										
IODOMETHANE	mg/kg	.00632	<	U	.00632	-99										
METHYL METHACRYLATE	mg/kg	.0316	<	U	.0316	-99										
Methacrylonitrile	mg/kg	.0632	<	U	.0632	-99										
Methyl isobutyl ketone	mg/kg	.0316	<	U	.0316	-99										
Methylene chloride	mg/kg	.0316	<	U	.0316	-99										
Naphthalene	mg/kg	.00632	<	U	.00632	-99										
Propionitrile	mg/kg	.0632	<	U	.0632	-99										
Styrene	mg/kg	.00632	<	U	.00632	-99										
Tetrachloroethene	mg/kg	.00632	<	U	.00632	-99										
Toluene	mg/kg	.00632	<	U	.00632	-99										
Trichloroethene	mg/kg	.00632	<	U	.00632	-99										
Trichlorofluoromethane	mg/kg	.00632	<	U	.00632	-99										
Vinyl acetate	mg/kg	.0632	<	U	.0632	-99										
Vinyl chloride	mg/kg	.00632	<	U	.00632	-99										
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg	.00632	<	U	.00632	-99										
cis-1,3-Dichloropropene	mg/kg	.00632	<	U	.00632	-99										

	Location Code:	XXSD17					XXSD17					XXSD18				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
	Sample Date:	31-MAR-93					22-AUG-94					30-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Bromomethane	mg/kg	.01	<	U	.01	-99						.01	<	U	.01	
Carbon disulfide	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Carbon tetrachloride	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Chlorobenzene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Chloroethane	mg/kg	.01	<	U	.01	-99						.01	<	U	.01	
Chloroform	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Chloromethane	mg/kg	.01	<	U	.01	-99						.01	<	U	.01	
Dibromochloromethane	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.05	<	U	.05	-99						.05	<	U	.05	
Methylene chloride	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Naphthalene	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Tetrachloroethene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Toluene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Trichloroethene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg	.05	<	U	.05	-99						.05	<	U	.05	
Vinyl chloride	mg/kg	.01	<	U	.01	-99						.01	<	U	.01	
Xylenes, Total	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD18					XXSD19					XXSD19				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
	Sample Date:	31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Bromomethane	mg/kg	.01	<	U	.01	-99	.01	<	U	.01		.01	<	U	.01	-99
Carbon disulfide	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Carbon tetrachloride	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Chlorobenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Chloroethane	mg/kg	.01	<	U	.01	-99	.01	<	U	.01		.01	<	U	.01	-99
Chloroform	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Chloromethane	mg/kg	.01	<	U	.01	-99	.01	<	U	.01		.01	<	U	.01	-99
Dibromochloromethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.05	<	U	.05	-99	.05	<	U	.05		.05	<	U	.05	-99
Methylene chloride	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Naphthalene	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Tetrachloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Toluene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Trichloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg	.05	<	U	.05	-99	.05	<	U	.05		.05	<	U	.05	-99
Vinyl chloride	mg/kg	.01	<	U	.01	-99	.01	<	U	.01		.01	<	U	.01	-99
Xylenes, Total	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99

	Location Code:	XXSD20					
	Associated Site:	Saunders Branch					
	Sample No:	LHXX-SD20					
	Sample Date:	01-APR-93					
User Test Group	*Sample Depth:*	.0 - 0					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
VOLATILES							
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	
Hexachlorobutadiene	mg/kg						
IODOMETHANE	mg/kg						
METHYL METHACRYLATE	mg/kg						
Methacrylonitrile	mg/kg						
Methyl isobutyl ketone	mg/kg	.05	<	U	.05	-99	
Methylene chloride	mg/kg	.005	<	U	.005	-99	
Naphthalene	mg/kg						
Propionitrile	mg/kg						
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	
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-1,2-Dichloroethene	mg/kg						
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SD16					18SD16					18SD17				
Associated Site:		Saunders Branch					Saunders Branch					Saunders Branch				
Sample No:		18SD16 (000.0)					18SD16 QC (000.					18SD17(000.0)				
Sample Date:		21-FEB-95					21-FEB-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
trans-1,4-Dichloro-2-butene	mg/kg															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD18					18SD19					CL-SBS-1				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	18SD18(000.0)					18SD19(000.0)					CL-SBS-1 (1)				
	Sample Date:	05-MAR-95					05-MAR-95					19-OCT-00				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
trans-1,2-Dichloroethene	mg/kg											.0132	<	U	.0132	-99
trans-1,3-Dichloropropene	mg/kg	.009	<	U	.009	-99	.01	<	U	.01	-99	.0132	<	U	.0132	-99
trans-1,4-Dichloro-2-butene	mg/kg											.0662	<	U	.0662	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-1					CL-SBS-2					CL-SBS-2				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-1 (2)					CL-SBS-2 (1)					CL-SBS-2(1)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
User Test Group	*Sample Depth:*	.5 - 1					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
trans-1,2-Dichloroethene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
trans-1,3-Dichloropropene	mg/kg	.002	<	U	.002	-99	.0161	<	U	.0161	-99					
trans-1,4-Dichloro-2-butene	mg/kg	.01	<	U	.01	-99	.0806	<	U	.0806	-99					

Exhibit 1

Summary of Validated Sediment Analytical Data

Saunders Branch Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	CL-SBS-2					FWS-139					FWS-157				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	CL-SBS-2 (2)					CLNWR139					CLNWR157				
	Sample Date:	19-OCT-00					09-SEP-03					09-SEP-03				
User Test Group	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
trans-1,2-Dichloroethene	mg/kg	.00632	<	U	.00632	-99										
trans-1,3-Dichloropropene	mg/kg	.00632	<	U	.00632	-99										
trans-1,4-Dichloro-2-butene	mg/kg	.0316	<	U	.0316	-99										

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD17					XXSD17					XXSD18				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD17					C940822-XXSD17-N00					C930330-XXSD18-N00				
	Sample Date:	31-MAR-93					22-AUG-94					30-MAR-93				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99						.005	<	U	.005	
trans-1,4-Dichloro-2-butene	mg/kg															

Exhibit 1
Summary of Validated Sediment Analytical Data
Saunders Branch Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	XXSD18					XXSD19					XXSD19				
	Associated Site:	Saunders Branch					Saunders Branch					Saunders Branch				
	Sample No:	LHXX-SD18					C930319-XXSD19-N00					LHXX-SD19				
	Sample Date:	31-MAR-93					19-MAR-93					31-MAR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005		.005	<	U	.005	-99
trans-1,4-Dichloro-2-butene	mg/kg															

Exhibit 1

Summary of Validated Sediment Analytical Data

Saunders Branch Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	XXSD20					
	Associated Site:	Saunders Branch					
	Sample No:	LHXX-SD20					
	Sample Date:	01-APR-93					
User Test Group	*Sample Depth:*	.0 - 0					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
VOLATILES							
trans-1,2-Dichloroethene	mg/kg						
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	
trans-1,4-Dichloro-2-butene	mg/kg						

00058275

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW16	18SW16	18SW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW16(WATER)	18SW16(WATER)QC	18SW17(WATER)
Sample Date:	21-FEB-95	21-FEB-95	05-MAR-95

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																	
1,3,5-Trinitrobenzene		ug/L															
1,3-Dinitrobenzene		ug/L															
2,4,6-Trinitrotoluene		ug/L															
2,4-Dinitrotoluene		ug/L															
2,6-Dinitrotoluene		ug/L															
HMX		ug/L															
NIOBIUM		ug/L															
RDX		ug/L															
Tetryl		ug/L															
m-Nitrotoluene		ug/L															
o-Nitrotoluene		ug/L															
p-Nitrotoluene		ug/L															
GEN CHEMISTRY																	
Chloride		mg/L															
Nitrate		mg/L															
Sulfate		mg/L															
METALS																	
Antimony		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	UJ	10	-99
Arsenic		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Barium		ug/L	130			10	-99	127			10	-99	61			10	-99
Cadmium		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chromium		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Copper		ug/L	6			5	-99	6			5	-99	5	<	U	5	-99
Hardness		ug/L											2000	<	U	2000	-99
Lead		ug/L	5	<	U	5	-99	5	<	U	5	-99	2	<	U	2	-99

Exhibit 1
Summary of Validated Surface Water Data
Saunders Branch Watershed
Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW18	18SW19	XXSW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW18(WATER)	18SW19(WATER)	LHXX-SW17
Sample Date:	05-MAR-95	05-MAR-95	31-MAR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																	
1,3,5-Trinitrobenzene		ug/L											0.1	<	U	0.1	-99
1,3-Dinitrobenzene		ug/L											0.1	<	U	0.1	-99
2,4,6-Trinitrotoluene		ug/L											0.1	<	U	0.1	-99
2,4-Dinitrotoluene		ug/L											0.1	<	U	0.1	-99
2,6-Dinitrotoluene		ug/L											0.1	<	U	0.1	-99
HMX		ug/L											0.1	<	U	0.1	-99
NIOBIUM		ug/L											0.1	<	U	0.1	-99
RDX		ug/L											0.1	<	U	0.1	-99
Tetryl		ug/L											0.1	<	U	0.1	-99
m-Nitrotoluene		ug/L											0.1	<	U	0.1	-99
o-Nitrotoluene		ug/L											0.1	<	U	0.1	-99
p-Nitrotoluene		ug/L											0.1	<	U	0.1	-99
GEN CHEMISTRY																	
Chloride		mg/L											2.6			1	-99
Nitrate		mg/L											0.09			0.01	-99
Sulfate		mg/L											5			1	-99
METALS																	
Antimony		ug/L	10	<	UJ	10	-99	10	<	UJ	10	-99	5	<	U	5	-99
Arsenic		ug/L	5	<	U	5	-99	5	<	U	5	-99	10	<	U	10	-99
Barium		ug/L	50			10	-99	420			10	-99	60			10	-99
Cadmium		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chromium		ug/L	10	<	U	10	-99	10	<	U	10	-99	50	<	U	50	-99
Copper		ug/L	5	<	U	5	-99	5	<	U	5	-99					
Hardness		ug/L	7000			2000	-99	32000			2000	-99					
Lead		ug/L	3			2	-99	10	<	U	10	-99	5	<	U	5	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	XXSW18	XXSW19	XXSW20
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	LHXX-SW18	LHXX-SW19	LHXX-SW20
Sample Date:	31-MAR-93	31-MAR-93	01-APR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																	
1,3,5-Trinitrobenzene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
1,3-Dinitrobenzene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
2,4,6-Trinitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
2,4-Dinitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
2,6-Dinitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
HMX		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
NIOBIUM		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
RDX		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
Tetryl		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
m-Nitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
o-Nitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
p-Nitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
GEN CHEMISTRY																	
Chloride		mg/L	2.6			1	-99	9.7			1	-99	9.7			1	-99
Nitrate		mg/L	0.01	<	U	0.01	-99	0.03			0.01	-99	0.01	<	U	0.01	-99
Sulfate		mg/L	1	<	U	1	-99	2			1	-99	4			1	-99
METALS																	
Antimony		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Arsenic		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Barium		ug/L	230			10	-99	430			10	-99	90			10	-99
Cadmium		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chromium		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
Copper		ug/L															
Hardness		ug/L															
Lead		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99

Exhibit 1
Summary of Validated Surface Water Data
Saunders Branch Watershed
Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW16	18SW16	18SW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW16(WATER)	18SW16(WATER)QC	18SW17(WATER)
Sample Date:	21-FEB-95	21-FEB-95	05-MAR-95

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																	
Mercury		ug/L	.2	<	U	.2	-99	.2	<	U	.2	-99	.2	<	U	.2	-99
Nickel		ug/L	40	<	U	40	-99	40	<	U	40	-99	40	<	U	40	-99
Selenium		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	-99
Silver		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Thallium		ug/L	5	<	U	5	-99	5	<	U	5	-99	10	<	U	10	-99
Zinc		ug/L	24			3	-99	19			3	-99	9			3	-99
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L															
1,2-Dichlorobenzene		ug/L															
1,3-Dichlorobenzene		ug/L															
1,4-Dichlorobenzene		ug/L															
2,4,5-Trichlorophenol		ug/L															
2,4,6-Trichlorophenol		ug/L															
2,4-Dichlorophenol		ug/L															
2,4-Dimethylphenol		ug/L															
2,4-Dinitrophenol		ug/L															
2,4-Dinitrotoluene		ug/L															
2,6-Dinitrotoluene		ug/L															
2-Chloronaphthalene		ug/L															
2-Chlorophenol		ug/L															
2-Methylnaphthalene		ug/L															
2-Methylphenol		ug/L															
2-Nitroaniline		ug/L															
2-Nitrophenol		ug/L															
3,3'-Dichlorobenzidine		ug/L															
3-Nitroaniline		ug/L															

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW18	18SW19	XXSW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW18(WATER)	18SW19(WATER)	LHXX-SW17
Sample Date:	05-MAR-95	05-MAR-95	31-MAR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																	
Mercury		ug/L	.2	<	U	.2	-99	.2	<	U	.2	-99	1	<	U	1	-99
Nickel		ug/L	40	<	U	40	-99	40	<	U	40	-99	50	<	U	50	-99
Selenium		ug/L	5	<	U	5	-99	10	<	U	10	-99	10	<	U	10	-99
Silver		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Thallium		ug/L	5	<	U	5	-99	25	<	U	25	-99	2	<	U	2	-99
Zinc		ug/L	16			3	-99	52			3	-99					
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L											10	<	U	10	-99
1,2-Dichlorobenzene		ug/L											10	<	U	10	-99
1,3-Dichlorobenzene		ug/L											10	<	U	10	-99
1,4-Dichlorobenzene		ug/L											10	<	U	10	-99
2,4,5-Trichlorophenol		ug/L											50	<	U	50	-99
2,4,6-Trichlorophenol		ug/L											10	<	U	10	-99
2,4-Dichlorophenol		ug/L											10	<	U	10	-99
2,4-Dimethylphenol		ug/L											10	<	U	10	-99
2,4-Dinitrophenol		ug/L											50	<	U	50	-99
2,4-Dinitrotoluene		ug/L											10	<	U	10	-99
2,6-Dinitrotoluene		ug/L											10	<	U	10	-99
2-Chloronaphthalene		ug/L											10	<	U	10	-99
2-Chlorophenol		ug/L											10	<	U	10	-99
2-Methylnaphthalene		ug/L											10	<	U	10	-99
2-Methylphenol		ug/L											10	<	U	10	-99
2-Nitroaniline		ug/L											50	<	U	50	-99
2-Nitrophenol		ug/L											10	<	U	10	-99
3,3'-Dichlorobenzidine		ug/L											20	<	U	20	-99
3-Nitroaniline		ug/L											50	<	U	50	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	XXSW18	XXSW19	XXSW20
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	LHXX-SW18	LHXX-SW19	LHXX-SW20
Sample Date:	31-MAR-93	31-MAR-93	01-APR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																	
Mercury		ug/L	1	<	U	1	-99	1	<	U	1	-99	1	<	U	1	-99
Nickel		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
Selenium		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Silver		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Thallium		ug/L	2	<	U	2	-99	2	<	U	2	-99	2	<	U	2	-99
Zinc		ug/L															
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
1,2-Dichlorobenzene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
1,3-Dichlorobenzene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
2,4,5-Trichlorophenol		ug/L	50	<	U	50	-99	62.5	<	U	62.5	-99	50	<	U	50	-99
2,4,6-Trichlorophenol		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
2,4-Dichlorophenol		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
2,4-Dimethylphenol		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
2,4-Dinitrophenol		ug/L	50	<	U	50	-99	62.5	<	U	62.5	-99	50	<	U	50	-99
2,4-Dinitrotoluene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
2,6-Dinitrotoluene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
2-Chloronaphthalene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
2-Chlorophenol		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
2-Methylnaphthalene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
2-Methylphenol		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
2-Nitroaniline		ug/L	50	<	U	50	-99	62.5	<	U	62.5	-99	50	<	U	50	-99
2-Nitrophenol		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
3,3'-Dichlorobenzidine		ug/L	20	<	U	20	-99	25	<	U	25	-99	20	<	U	20	-99
3-Nitroaniline		ug/L	50	<	U	50	-99	62.5	<	U	62.5	-99	50	<	U	50	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW16	18SW16	18SW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW16(WATER)	18SW16(WATER)QC	18SW17(WATER)
Sample Date:	21-FEB-95	21-FEB-95	05-MAR-95

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																	
4,6-Dinitro-2-methylphenol		ug/L															
4-Bromophenyl phenyl ether		ug/L															
4-Chloro-3-methylphenol		ug/L															
4-Chloroaniline		ug/L															
4-Chlorophenyl phenyl ether		ug/L															
4-Methylphenol		ug/L															
4-Nitroaniline		ug/L															
4-Nitrophenol		ug/L															
Acenaphthene		ug/L															
Acenaphthylene		ug/L															
Anthracene		ug/L															
Benzo(a)anthracene		ug/L															
Benzo(a)pyrene		ug/L															
Benzo(b)fluoranthene		ug/L															
Benzo(ghi)perylene		ug/L															
Benzo(k)fluoranthene		ug/L															
Benzoic Acid		ug/L															
Benzyl Alcohol		ug/L															
Butyl benzyl phthalate		ug/L															
Chrysene		ug/L															
Dibenzo(a,h)anthracene		ug/L															
Dibenzofuran		ug/L															
Diethyl phthalate		ug/L															
Dimethyl phthalate		ug/L															
Fluoranthene		ug/L															
Fluorene		ug/L															
Hexachlorobenzene		ug/L															

Exhibit 1
Summary of Validated Surface Water Data
Saunders Branch Watershed
Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW18	18SW19	XXSW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW18(WATER)	18SW19(WATER)	LHXX-SW17
Sample Date:	05-MAR-95	05-MAR-95	31-MAR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																	
4,6-Dinitro-2-methylphenol		ug/L											50	<	U	50	-99
4-Bromophenyl phenyl ether		ug/L											10	<	U	10	-99
4-Chloro-3-methylphenol		ug/L											20	<	U	20	-99
4-Chloroaniline		ug/L											20	<	U	20	-99
4-Chlorophenyl phenyl ether		ug/L											10	<	U	10	-99
4-Methylphenol		ug/L											10	<	U	10	-99
4-Nitroaniline		ug/L											50	<	U	50	-99
4-Nitrophenol		ug/L											50	<	U	50	-99
Acenaphthene		ug/L											10	<	U	10	-99
Acenaphthylene		ug/L											10	<	U	10	-99
Anthracene		ug/L											10	<	U	10	-99
Benzo(a)anthracene		ug/L											10	<	U	10	-99
Benzo(a)pyrene		ug/L											10	<	U	10	-99
Benzo(b)fluoranthene		ug/L											10	<	U	10	-99
Benzo(ghi)perylene		ug/L											10	<	U	10	-99
Benzo(k)fluoranthene		ug/L											10	<	U	10	-99
Benzoic Acid		ug/L											50	<	U	50	-99
Benzyl Alcohol		ug/L											20	<	U	20	-99
Butyl benzyl phthalate		ug/L											10	<	U	10	-99
Chrysene		ug/L											10	<	U	10	-99
Dibenzo(a,h)anthracene		ug/L											10	<	U	10	-99
Dibenzofuran		ug/L											10	<	U	10	-99
Diethyl phthalate		ug/L											10	<	U	10	-99
Dimethyl phthalate		ug/L											10	<	U	10	-99
Fluoranthene		ug/L											10	<	U	10	-99
Fluorene		ug/L											10	<	U	10	-99
Hexachlorobenzene		ug/L											10	<	U	10	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	XXSW18	XXSW19	XXSW20
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	LHXX-SW18	LHXX-SW19	LHXX-SW20
Sample Date:	31-MAR-93	31-MAR-93	01-APR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																	
4,6-Dinitro-2-methylphenol		ug/L	50	<	U	50	-99	62.5	<	U	62.5	-99	50	<	U	50	-99
4-Bromophenyl phenyl ether		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
4-Chloro-3-methylphenol		ug/L	20	<	U	20	-99	25	<	U	25	-99	20	<	U	20	-99
4-Chloroaniline		ug/L	20	<	U	20	-99	25	<	U	25	-99	20	<	U	20	-99
4-Chlorophenyl phenyl ether		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
4-Methylphenol		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
4-Nitroaniline		ug/L	50	<	U	50	-99	62.5	<	U	62.5	-99	50	<	U	50	-99
4-Nitrophenol		ug/L	50	<	U	50	-99	62.5	<	U	62.5	-99	50	<	U	50	-99
Acenaphthene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Acenaphthylene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Anthracene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Benzo(a)anthracene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Benzo(a)pyrene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Benzo(b)fluoranthene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Benzo(ghi)perylene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Benzo(k)fluoranthene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Benzoic Acid		ug/L	50	<	U	50	-99	62.5	<	U	62.5	-99	50	<	U	50	-99
Benzyl Alcohol		ug/L	20	<	U	20	-99	25	<	U	25	-99	20	<	U	20	-99
Butyl benzyl phthalate		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Chrysene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Dibenzo(a,h)anthracene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Dibenzofuran		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Diethyl phthalate		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Dimethyl phthalate		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Fluoranthene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Fluorene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Hexachlorobenzene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:		18SW16					18SW16					18SW17				
Associated Site:		Saunders Branch					Saunders Branch					Saunders Branch				
Sample No:		18SW16(WATER)					18SW16(WATER)QC					18SW17(WATER)				
Sample Date:		21-FEB-95					21-FEB-95					05-MAR-95				
User Test Group																
Parameter	*Flt* *Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Hexachlorobutadiene	ug/L															
Hexachlorocyclopentadiene	ug/L															
Hexachloroethane	ug/L															
Indeno(1,2,3-cd)pyrene	ug/L															
Isophorone	ug/L															
Naphthalene	ug/L															
Nitrobenzene	ug/L															
Pentachlorophenol	ug/L															
Phenanthrene	ug/L															
Phenol	ug/L															
Pyrene	ug/L															
bis(2-Chloroethoxy)methane	ug/L															
bis(2-Chloroethyl)ether	ug/L															
bis(2-Chloroisopropyl)ether	ug/L															
bis(2-Ethylhexyl)phthalate	ug/L															
di-n-Butyl phthalate	ug/L															
di-n-Octyl phthalate	ug/L															
n-Nitroso-di-n-propylamine	ug/L															
n-Nitrosodiphenylamine	ug/L															
VOLATILES																
1,1,1-Trichloroethane	ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1,2,2-Tetrachloroethane	ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1,2-Trichloroethane	ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloroethane	ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloroethene	ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2,3-Trichloropropane	ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW18	18SW19	XXSW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW18(WATER)	18SW19(WATER)	LHXX-SW17
Sample Date:	05-MAR-95	05-MAR-95	31-MAR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																	
Hexachlorobutadiene		ug/L											10	<	U	10	-99
Hexachlorocyclopentadiene		ug/L											10	<	U	10	-99
Hexachloroethane		ug/L											10	<	U	10	-99
Indeno(1,2,3-cd)pyrene		ug/L											10	<	U	10	-99
Isophorone		ug/L											10	<	U	10	-99
Naphthalene		ug/L											10	<	U	10	-99
Nitrobenzene		ug/L											10	<	U	10	-99
Pentachlorophenol		ug/L											50	<	U	50	-99
Phenanthrene		ug/L											10	<	U	10	-99
Phenol		ug/L											10	<	U	10	-99
Pyrene		ug/L											10	<	U	10	-99
bis(2-Chloroethoxy)methane		ug/L											10	<	U	10	-99
bis(2-Chloroethyl)ether		ug/L											10	<	U	10	-99
bis(2-Chloroisopropyl)ether		ug/L											10	<	U	10	-99
bis(2-Ethylhexyl)phthalate		ug/L											10	<	U	10	-99
di-n-Butyl phthalate		ug/L											10	<	U	10	-99
di-n-Octyl phthalate		ug/L											10	<	U	10	-99
n-Nitroso-di-n-propylamine		ug/L											10	<	U	10	-99
n-Nitrosodiphenylamine		ug/L											10	<	U	10	-99
VOLATILES																	
1,1,1-Trichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1,2,2-Tetrachloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1,2-Trichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2,3-Trichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99					

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	XXSW18	XXSW19	XXSW20
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	LHXX-SW18	LHXX-SW19	LHXX-SW20
Sample Date:	31-MAR-93	31-MAR-93	01-APR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																	
Hexachlorobutadiene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Hexachlorocyclopentadiene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Hexachloroethane		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Indeno(1,2,3-cd)pyrene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Isophorone		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Naphthalene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Nitrobenzene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Pentachlorophenol		ug/L	50	<	U	50	-99	62.5	<	U	62.5	-99	50	<	U	50	-99
Phenanthrene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Phenol		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
Pyrene		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
bis(2-Chloroethoxy)methane		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
bis(2-Chloroethyl)ether		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
bis(2-Chloroisopropyl)ether		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
bis(2-Ethylhexyl)phthalate		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
di-n-Butyl phthalate		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
di-n-Octyl phthalate		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
n-Nitroso-di-n-propylamine		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
n-Nitrosodiphenylamine		ug/L	10	<	U	10	-99	12.5	<	U	12.5	-99	10	<	U	10	-99
VOLATILES																	
1,1,1-Trichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1,2,2-Tetrachloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1,2-Trichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2,3-Trichloropropane		ug/L															

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW16	18SW16	18SW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW16(WATER)	18SW16(WATER)QC	18SW17(WATER)
Sample Date:	21-FEB-95	21-FEB-95	05-MAR-95

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																	
1,2-Dichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2-Dichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,4-Dichloro-2-butene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Butanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chloroethyl vinyl ether		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Hexanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Propenal		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
Acetone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Acrylonitrile		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
Benzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Bromodichloromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Bromoform		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Bromomethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Carbon disulfide		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Carbon tetrachloride		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chlorobenzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chloroethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Chloroform		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chloromethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Dibromochloromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Dibromomethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Dichlorodifluoromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Ethyl methacrylate		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Ethylbenzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
IODOMETHANE		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Methyl isobutyl ketone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW18	18SW19	XXSW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW18(WATER)	18SW19(WATER)	LHXX-SW17
Sample Date:	05-MAR-95	05-MAR-95	31-MAR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																	
1,2-Dichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2-Dichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,4-Dichloro-2-butene		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2-Butanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	50	<	U	50	-99
2-Chloroethyl vinyl ether		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Hexanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	50	<	U	50	-99
2-Propenal		ug/L	50	<	U	50	-99	50	<	U	50	-99					
Acetone		ug/L	10	<	U	10	-99	11			10	-99	100	<	U	100	-99
Acrylonitrile		ug/L	50	<	U	50	-99	50	<	U	50	-99					
Benzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Bromodichloromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Bromoform		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Bromomethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Carbon disulfide		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Carbon tetrachloride		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chlorobenzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chloroethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Chloroform		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chloromethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Dibromochloromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Dibromomethane		ug/L	5	<	U	5	-99	5	<	U	5	-99					
Dichlorodifluoromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99					
Ethyl methacrylate		ug/L	5	<	U	5	-99	5	<	U	5	-99					
Ethylbenzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
IODOMETHANE		ug/L	10	<	U	10	-99	10	<	U	10	-99					
Methyl isobutyl ketone		ug/L	10	<	U	10	-99	10	<	U	10	-99	50	<	U	50	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	XXSW18	XXSW19	XXSW20
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	LHXX-SW18	LHXX-SW19	LHXX-SW20
Sample Date:	31-MAR-93	31-MAR-93	01-APR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																	
1,2-Dichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2-Dichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,4-Dichloro-2-butene		ug/L															
2-Butanone		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
2-Chloroethyl vinyl ether		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Hexanone		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
2-Propenal		ug/L															
Acetone		ug/L	100	<	U	100	-99	100	<	U	100	-99	100	<	U	100	-99
Acrylonitrile		ug/L															
Benzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Bromodichloromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Bromoform		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Bromomethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Carbon disulfide		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Carbon tetrachloride		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chlorobenzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chloroethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Chloroform		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Chloromethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Dibromochloromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Dibromomethane		ug/L															
Dichlorodifluoromethane		ug/L															
Ethyl methacrylate		ug/L															
Ethylbenzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
IODOMETHANE		ug/L															
Methyl isobutyl ketone		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW16	18SW16	18SW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW16(WATER)	18SW16(WATER)QC	18SW17(WATER)
Sample Date:	21-FEB-95	21-FEB-95	05-MAR-95

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																	
Methylene chloride		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Styrene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Tetrachloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Toluene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Trichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Trichlorofluoromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Vinyl acetate		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Vinyl chloride		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Xylenes, Total		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
cis-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
trans-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	18SW18	18SW19	XXSW17
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	18SW18(WATER)	18SW19(WATER)	LHXX-SW17
Sample Date:	05-MAR-95	05-MAR-95	31-MAR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																	
Methylene chloride		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	-99
Styrene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Tetrachloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Toluene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Trichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Trichlorofluoromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99					
Vinyl acetate		ug/L	10	<	U	10	-99	10	<	U	10	-99	50	<	U	50	-99
Vinyl chloride		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Xylenes, Total		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
cis-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
trans-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99

Exhibit 1

Summary of Validated Surface Water Data

Saunders Branch Watershed

Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	XXSW18	XXSW19	XXSW20
Associated Site:	Saunders Branch	Saunders Branch	Saunders Branch
Sample No:	LHXX-SW18	LHXX-SW19	LHXX-SW20
Sample Date:	31-MAR-93	31-MAR-93	01-APR-93

User Test Group

Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																	
Methylene chloride		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Styrene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Tetrachloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Toluene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Trichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Trichlorofluoromethane		ug/L															
Vinyl acetate		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
Vinyl chloride		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Xylenes, Total		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
cis-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
trans-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12SB01					12SB06					12SB06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)				
	Sample Date:	01-JUN-93					31-MAY-00					31-MAY-00				
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	.29	<	U	.29	-99										
1,3-Dinitrobenzene	mg/kg	.29	<	U	.29	-99										
2,4,6-Trinitrotoluene	mg/kg	.29	<	U	.29	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		12SB08					12SB09					12WW01				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		12SB08(0-0.5)					12SB09(0-0.5)					12WW01(0-2)				
Sample Date:		31-MAY-00					31-MAY-00					27-APR-93				
Sample Depth:		.0 - 0.5					.0 - 0.5					.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											.31	<	U	.31	-99
1,3-Dinitrobenzene	mg/kg											.31	<	U	.31	-99
2,4,6-Trinitrotoluene	mg/kg											.31	<	UJ	.31	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	12WW02					12WW02					12WW02				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02				
		Sample Date:	04-FEB-88					04-FEB-90					28-APR-93				
		Sample Depth:	.0 - 2					.0 - 2					.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												.3	<	U	.3	-99
1,3-Dinitrobenzene	mg/kg												.3	<	U	.3	-99
2,4,6-Trinitrotoluene	mg/kg												.3	<	UJ	.3	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12WW05					12WW07					16SB11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
	Sample Date:	19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.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	.33	<	U	.33	-99	.29	<	U	.29	-99					
1,3-Dinitrobenzene	mg/kg	.33	<	U	.33	-99	.29	<	U	.29	-99					
2,4,6-Trinitrotoluene	mg/kg	.33	<	U	.33	-99	.29	<	U	.29	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16SB11					16SD02					16SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)				
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 1					.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															
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						.31	<	U	.31	-99	.7	<	U	.7	-99
1,3-Dinitrobenzene	mg/kg						.31	<	U	.31	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg						.31	<	U	.31	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16SD11					16WW27					16WW27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC				
	Sample Date:	28-FEB-95					17-MAY-97					17-MAY-97				
User Test Group	*Sample Depth:*	.0 - 0					.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						9			-99	-99					
1,2,3,4,6,7,8-HpCDD	ng/kg						98		B	0.5	-99					
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg						1.3		J	1	-99					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg						1		J	0.5	-99					
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg						2.5		J	-99	-99					
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg						2.3		J	-99	-99					
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg						0.73		J	-99	-99					
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg						2.2		J	0.5	-99					
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg						1.1	<	U	1.1	-99					
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg						1.5	<	U	1.5	-99					
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg						1	<	U	1	-99					
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg						0.59		J	-99	-99					
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg						1.4	<	U	1.4	-99					
2,3,7,8-TCDD	ng/kg						1.2	<	U	1.2	-99					
2,3,7,8-TCDF	ng/kg						1.1	<	U	1.1	-99					
Heptachlorodibenzo-p-dioxin	ng/kg						200		B	1	-99					
Heptachlorodibenzofuran	ng/kg						29			1	-99					
Hexachloridibenzo-p-dioxin	ng/kg						26		QJ	1	-99					
Hexachlorodibenzofuran	ng/kg						21		QJ	1	-99					
Octachlorodibenzo-p-dioxin	ng/kg						4100		B	0.5	-99					
Octachlorodibenzofuran	ng/kg						7.8		J	0.5	-99					
Pentachlorodibenzo-p-dioxin	ng/kg						1.7	<	U	1.7	-99					
Pentachlorodibenzofuran	ng/kg						2.2		J	1	-99					
Tetrachlorodibenzo-p-dioxin	ng/kg						2	<	U	2	-99					
Tetrachlorodibenzofuran, Total	ng/kg						0.91		J	0.25	-99					
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.7	<	U	.7	-99	.25	<	U	.25	.08					
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.25	<	U	.25	.07					
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.25	<	U	.25	.03					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW27					16WW31					16WW31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW27(1-3)					16WW31(0-0.5)					16WW31(1-3)				
	Sample Date:	17-MAY-97					29-MAY-97					29-MAY-97				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 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	1.3	<	U	1.3	-99	0.48	<	U	0.48	-99	0.45	<	U	0.45	-99
1,2,3,4,6,7,8-HpCDD	ng/kg	110		B	-99	-99	4.8		J	1	-99	16			-99	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.72	<	U	0.72	-99	0.58	<	U	0.58	-99	0.55	<	U	0.55	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	2.8	<	U	2.8	-99	3.1	<	U	3.1	-99	1	<	U	1	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.6	<	U	1.6	-99	0.87	<	U	0.87	-99	0.18	<	U	0.18	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	2.6	<	U	2.6	-99	2.9	<	U	2.9	-99	0.91	<	U	0.91	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	1.5	<	U	1.5	-99	0.77	<	U	0.77	-99	0.39	<	U	0.39	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	1.8		J	-99	-99	2.8	<	U	2.8	-99	0.54		J	-99	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	1.9	<	U	1.9	-99	1	<	U	1	-99	0.29	<	U	0.29	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	2.1	<	U	2.1	-99	2.1	<	U	2.1	-99	2.1	<	U	2.1	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	1.2	<	U	1.2	-99	0.92	<	U	0.92	-99	0.68	<	U	0.68	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	1.6	<	U	1.6	-99	0.86	<	U	0.86	-99	0.74	<	U	0.74	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	1.1	<	U	1.1	-99	0.88	<	U	0.88	-99	0.65	<	U	0.65	-99
2,3,7,8-TCDD	ng/kg	1.1	<	U	1.1	-99	1.3	<	U	1.3	-99	0.65	<	U	0.65	-99
2,3,7,8-TCDF	ng/kg	1.4	<	U	1.4	-99	1.3	<	U	1.3	-99	0.64	<	U	0.64	-99
Heptachlorodibenzo-p-dioxin	ng/kg	210		B	-99	-99	12			1	-99	35			-99	-99
Heptachlorodibenzofuran	ng/kg	1.6		J	-99	-99	0.53	<	U	0.53	-99	0.5	<	U	0.5	-99
Hexachloridibenzo-p-dioxin	ng/kg	6.9		J	-99	-99	2.9	<	U	2.9	-99	3.7		J	-99	-99
Hexachlorodibenzofuran	ng/kg	1.6	<	U	1.6	-99	0.87	<	U	0.87	-99	0.75	<	U	0.75	-99
Octachlorodibenzo-p-dioxin	ng/kg	15000		BJ	-99	-99	200		B	1	-99	2800		BJ	-99	-99
Octachlorodibenzofuran	ng/kg	0.91		J	-99	-99	0.71	<	U	0.71	-99	1		J	-99	-99
Pentachlorodibenzo-p-dioxin	ng/kg	2.1	<	U	2.1	-99	2.1	<	U	2.1	-99	2.1	<	U	2.1	-99
Pentachlorodibenzofuran	ng/kg	1.2	<	U	1.2	-99	0.9	<	U	0.9	-99	0.67	<	U	0.67	-99
Tetrachlorodibenzo-p-dioxin	ng/kg	2	<	U	2	-99	2	<	U	2	-99	1.2	<	U	1.2	-99
Tetrachlorodibenzofuran, Total	ng/kg	1.9	<	U	1.9	-99	2.3	<	U	2.3	-99	1.4	<	U	1.4	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.25	<	U	.25	.08	.25	<	U	.25	.08	.25	<	U	.25	.08
1,3-Dinitrobenzene	mg/kg	.25	<	U	.25	.07	.25	<	U	.25	.07	.25	<	U	.25	.07
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	.03	.25	<	U	.25	.03	.25	<	U	.25	.03

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW35					16WW35					16WW35				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
	Sample Date:	25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 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	4.7	<	U	4.7	-99	2.2	<	U	2.2	-99	2.3	<	U	2.3	-99
1,2,3,4,6,7,8-HpCDD	ng/kg	9		J	1	-99	12		J	1	-99	23		J	-99	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	6.2	<	U	6.2	-99	2.7	<	U	2.7	-99	2.8	<	U	2.8	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	17	<	U	17	-99	6.6	<	U	6.6	-99	4.4	<	U	4.4	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	3.1	<	U	3.1	-99	3.1	<	U	3.1	-99	2.7	<	U	2.7	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	19	<	U	19	-99	7	<	U	7	-99	4.7	<	U	4.7	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	2.9	<	U	2.9	-99	2.9	<	U	2.9	-99	2.5	<	U	2.5	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	18	<	U	18	-99	6.8	<	U	6.8	-99	4.5	<	U	4.5	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	3	<	U	3	-99	3.6	<	U	3.6	-99	3.1	<	U	3.1	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	7.8	<	U	7.8	-99	5.9	<	U	5.9	-99	8	<	U	8	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	3.2	<	U	3.2	-99	4.7	<	U	4.7	-99	3.9	<	U	3.9	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	4.7	<	U	4.7	-99	3.1	<	U	3.1	-99	2.7	<	U	2.7	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	3.9	<	U	3.9	-99	4.5	<	U	4.5	-99	3.8	<	U	3.8	-99
2,3,7,8-TCDD	ng/kg	8.4	<	U	8.4	-99	3.8	<	U	3.8	-99	3.6	<	U	3.6	-99
2,3,7,8-TCDF	ng/kg	9.3	<	U	9.3	-99	4.2	<	U	4.2	-99	2.8	<	U	2.8	-99
Heptachlorodibenzo-p-dioxin	ng/kg	21		J	1	-99	27		J	1	-99	59		J	-99	-99
Heptachlorodibenzofuran	ng/kg	12	<	U	12	-99	2.4	<	U	2.4	-99	2.5	<	U	2.5	-99
Hexachloridibenzo-p-dioxin	ng/kg	18	<	U	18	-99	6.8	<	U	6.8	-99	3		J	-99	-99
Hexachlorodibenzofuran	ng/kg	4.9	<	U	4.9	-99	3.2	<	U	3.2	-99	2.7	<	U	2.7	-99
Octachlorodibenzo-p-dioxin	ng/kg	500		B	1	-99	1100		B	1	-99	1900		B	-99	-99
Octachlorodibenzofuran	ng/kg	7.6	<	U	7.6	-99	2.5	<	U	2.5	-99	2.3	<	U	2.3	-99
Pentachlorodibenzo-p-dioxin	ng/kg	7.8	<	U	7.8	-99	5.9	<	U	5.9	-99	8	<	U	8	-99
Pentachlorodibenzofuran	ng/kg	7.8	<	U	7.8	-99	4.6	<	U	4.6	-99	3.9	<	U	3.9	-99
Tetrachlorodibenzo-p-dioxin	ng/kg	13	<	U	13	-99	13	<	U	13	-99	7.9	<	U	7.9	-99
Tetrachlorodibenzofuran, Total	ng/kg	9.3	<	U	9.3	-99	8	<	U	8	-99	4.8	<	U	4.8	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.25	<	U	.25	.02	.25	<	U	.25	.02	.25	<	U	.25	.02
1,3-Dinitrobenzene	mg/kg	.25	<	U	.25	.02	.25	<	U	.25	.02	.25	<	U	.25	.02
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	.03	.25	<	U	.25	.03	.25	<	U	.25	.03

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		16WW37					16WW37					17SB01								
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
Sample No:		16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)								
Sample Date:		31-MAY-97					31-MAY-97					15-MAY-93								
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.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	3.4		J	1	-99	0.27	<	UJ	0.27	-99									
1,2,3,4,6,7,8-HpCDD	ng/kg	22			1	-99	62			-99	-99									
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.84	<	UJ	0.84	-99	0.24	<	UJ	0.24	-99									
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	2.2	<	UJ	2.2	-99	0.49		J	-99	-99									
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.7	<	UJ	1.7	-99	0.38	<	UJ	0.38	-99									
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	2	<	UJ	2	-99	0.54		J	-99	-99									
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.39		J	-99	-99	0.34	<	UJ	0.34	-99									
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	1.9	<	UJ	1.9	-99	0.93		J	-99	-99									
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.32	<	UJ	0.32	-99	0.24	<	UJ	0.24	-99									
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	2.4	<	UJ	2.4	-99	0.89	<	UJ	0.89	-99									
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.98	<	UJ	0.98	-99	0.89	<	UJ	0.89	-99									
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.42		J	0.5	-99	0.21		J	-99	-99									
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	1.1	<	UJ	1.1	-99	0.85	<	UJ	0.85	-99									
2,3,7,8-TCDD	ng/kg	0.58	<	UJ	0.58	-99	0.7	<	UJ	0.7	-99									
2,3,7,8-TCDF	ng/kg	0.81	<	UJ	0.81	-99	0.27	<	UJ	0.27	-99									
Heptachlorodibenzo-p-dioxin	ng/kg	47			1	-99	130			-99	-99									
Heptachlorodibenzofuran	ng/kg	5.8		J	1	-99	0.3	<	UJ	0.3	-99									
Hexachloridibenzo-p-dioxin	ng/kg	4.8		J	1	-99	7.4		J	-99	-99									
Hexachlorodibenzofuran	ng/kg	4.2		J	1	-99	0.21		J	-99	-99									
Octachlorodibenzo-p-dioxin	ng/kg	750		B	1	-99	10000		EJ	-99	-99									
Octachlorodibenzofuran	ng/kg	2.5		J	1	-99	0.4	<	UJ	0.4	-99									
Pentachlorodibenzo-p-dioxin	ng/kg	2.4	<	UJ	2.4	-99	0.89	<	UJ	0.89	-99									
Pentachlorodibenzofuran	ng/kg	0.81		J	1	-99	0.87	<	UJ	0.87	-99									
Tetrachlorodibenzo-p-dioxin	ng/kg	0.46		J	0.25	-99	1.1	<	UJ	1.1	-99									
Tetrachlorodibenzofuran, Total	ng/kg	2.1	<	UJ	2.1	-99	0.73	<	UJ	0.73	-99									
EXPLOSIVES																				
1,3,5-Trinitrobenzene	mg/kg	.25	<	U	.25	.08	.25	<	U	.25	.08	.3	<	U	.3	-99				
1,3-Dinitrobenzene	mg/kg	.25	<	U	.25	.07	.25	<	U	.25	.07	.3	<	U	.3	-99				
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	.03	.25	<	U	.25	.03	.3	<	UJ	.3	-99				

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB01					17SB02					17SB03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB01(02)					17SB02(0-2)					17SB03(0-2)				
	Sample Date:	15-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.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															
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	.32	<	U	.32	-99	150			110	-99	4.7			1.2	-99
1,3-Dinitrobenzene	mg/kg	.32	<	U	.32	-99	110	<	U	110	-99	1.2	<	U	1.2	-99
2,4,6-Trinitrotoluene	mg/kg	.32	<	UJ	.32	-99	110	<	UJ	110	-99	60		J	1.2	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB03					17SB04					17SB05				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)				
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.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															
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						150			2.9	-99	.33	<	U	.33	-99
1,3-Dinitrobenzene	mg/kg						2.9	<	U	2.9	-99	.33	<	U	.33	-99
2,4,6-Trinitrotoluene	mg/kg						33		J	2.9	-99	.33	<	UJ	.33	-99

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

Report Date: 11/15/04

	Location Code:	17SB06					17SB07					17SB09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
	Sample Date:	15-MAY-93					16-MAY-93					30-MAY-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															
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	360			28	-99	.29	<	U	.29	-99					
1,3-Dinitrobenzene	mg/kg	28	<	U	28	-99	.29	<	U	.29	-99					
2,4,6-Trinitrotoluene	mg/kg	82		J	28	-99	.29	<	UJ	.29	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB09					17SB10					17SB10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
	Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD01					17SD01					17SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD01					17SD01(000.0)					17SD02				
	Sample Date:	21-APR-93					02-MAR-95					21-APR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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	.36	<	U	.36	-99	.7	<	U	.7	-99	.35	<	U	.35	-99
1,3-Dinitrobenzene	mg/kg	.36	<	U	.36	-99	.5	<	U	.5	-99	.35	<	U	.35	-99
2,4,6-Trinitrotoluene	mg/kg	.36	<	U	.36	-99	.5	<	U	.5	-99	.35	<	U	.35	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD02					17SD02					17SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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	.7	<	U	.7	-99	.7	<	U	.7	-99	.7	<	U	.7	-99
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD05					17SD06					17SD07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
	Sample Date:	02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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	.7	<	U	.7	-99	.7	<	U	.7	-99	.7	<	U	.7	-99
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD08					17SD09					17SD10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD08(000.0)					17SD09(000.0)					17SD10				
	Sample Date:	05-MAR-95					05-MAR-95					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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											1.88			0.444	-99
1,2,3,4,6,7,8-HpCDD	ng/kg											4.03			0.102	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											0.593	<	U	0.593	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											1.05	<	U	1.05	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											1.17	<	U	1.17	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											0.586	<	U	0.586	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											0.78	<	U	0.78	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											0.696	<	U	0.696	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											1.27	<	U	1.27	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											0.73	<	U	0.73	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											0.466	<	U	0.466	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											1.14	<	U	1.14	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											0.487	<	U	0.487	-99
2,3,7,8-TCDD	ng/kg											0.887	<	U	0.887	-99
2,3,7,8-TCDF	ng/kg											0.656	<	U	0.656	-99
Heptachlorodibenzo-p-dioxin	ng/kg											4.03			0.102	-99
Heptachlorodibenzofuran	ng/kg											1.88			0.444	-99
Hexachloridibenzo-p-dioxin	ng/kg											0.586	<	U	0.586	-99
Hexachlorodibenzofuran	ng/kg											0.78	<	U	0.78	-99
Octachlorodibenzo-p-dioxin	ng/kg											228			0.925	-99
Octachlorodibenzofuran	ng/kg											19.8			0.981	-99
Pentachlorodibenzo-p-dioxin	ng/kg											0.73	<	U	0.73	-99
Pentachlorodibenzofuran	ng/kg											0.487	<	U	0.487	-99
Tetrachlorodibenzo-p-dioxin	ng/kg											0.887	<	U	0.887	-99
Tetrachlorodibenzofuran, Total	ng/kg											0.656	<	U	0.656	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.7	<	U	.7	-99	.7	<	U	.7	-99	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.1	<	U	.1	.1

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD10					17SD11					17SD12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD10QC					17SD11					17SD12				
	Sample Date:	17-SEP-98					17-SEP-98					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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	1.756			0.255	-99						1300			1.11	-99
1,2,3,4,6,7,8-HpCDD	ng/kg	2.613			0.703	-99						11600			6.11	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.341	<	U	0.341	-99						149	<	U	149	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.9	<	U	0.9	-99						16	<	U	16	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	0.806	<	U	0.806	-99						370	<	UJ	370	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.503	<	U	0.503	-99						264			8.96	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.537	<	U	0.537	-99						13.6	<	U	13.6	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	0.597	<	U	0.597	-99						16.9	<	UJ	16.9	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.876	<	U	0.876	-99						22.1	<	U	22.1	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.85	<	U	0.85	-99						1.92	<	UJ	1.92	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.406	<	U	0.406	-99						1.05	<	U	1.05	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.786	<	U	0.786	-99						19.9	<	U	19.9	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.424	<	U	0.424	-99						1.1	<	U	1.1	-99
2,3,7,8-TCDD	ng/kg	0.753	<	U	0.753	-99						1.1	<	U	1.1	-99
2,3,7,8-TCDF	ng/kg	0.839	<	U	0.839	-99						1.21	<	U	1.21	-99
Heptachlorodibenzo-p-dioxin	ng/kg	3.37			0.703	-99						17700			6.11	-99
Heptachlorodibenzofuran	ng/kg	0.255	<	U	0.255	-99						1300			1.11	-99
Hexachloridibenzo-p-dioxin	ng/kg	0.503	<	U	0.503	-99						1170			8.96	-99
Hexachlorodibenzofuran	ng/kg	0.537	<	U	0.537	-99						2460			1.36	-99
Octachlorodibenzo-p-dioxin	ng/kg	193.611			0.635	-99						119000			1.34	-99
Octachlorodibenzofuran	ng/kg	21.189			0.903	-99						8120			1.18	-99
Pentachlorodibenzo-p-dioxin	ng/kg	0.85	<	U	0.85	-99						16.2			5.81	-99
Pentachlorodibenzofuran	ng/kg	0.424	<	U	0.424	-99						17			1.1	-99
Tetrachlorodibenzo-p-dioxin	ng/kg	0.753	<	U	0.753	-99						7.8			1.1	-99
Tetrachlorodibenzofuran, Total	ng/kg	0.839	<	U	0.839	-99						2.48			1.21	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15	.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.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															
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	.7	<	U	.7	-99	.7	<	U	.7	-99	.7	<	U	.7	-99
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg	1.22			.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS04					17SS05					17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.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															
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	.7	<	U	.7	-99	.7	<	U	.7	-99	.7	<	U	.7	-99
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS09					17SS10					17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
	Sample Date:	05-MAR-95					15-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.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															
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	.7	<	U	.7	-99	.7	<	U	.7	-99	.7	<	U	.7	-99
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS13					17SS13					17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.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															
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	.7	<	U	.7	-99	.7	<	U	.7	-99	.7	<	U	.7	-99
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS14					17SS15					17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
	Sample Date:	01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.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															
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	.7	<	U	.7	-99	.7	<	U	.7	-99	.7	<	U	.7	-99
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS17					17SS18					17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
	Sample Date:	01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.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															
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	.7	<	U	.7	-99	.7	<	U	.7	-99	.7	<	U	.7	-99
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.5 - 0.5					.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	.7	<	U	.7	-99	.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.5	<	U	.5	-99	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.5	<	U	.5	-99	.1	<	UJ	.1	.1	1.5		J	.1	.1

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS21					17SS22					17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					1.0 - 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						27.433		J	1.496	-99	0.692	<	UJ	0.692	-99
1,2,3,4,6,7,8-HpCDD	ng/kg						120.737			0.912	-99	6.666			0.18	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg						0.431	<	U	0.431	-99	0.105	<	U	0.105	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg						1.299		J	0.167	-99	0.117	<	U	0.117	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg						7.27	<	UJ	7.27	-99	0.274			0.06	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg						6.564		J	0.154	-99	0.214	<	UJ	0.214	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg						1.252		J	0.215	-99	0.058	<	U	0.058	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg						3.961		J	0.148	-99	0.103	<	U	0.103	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg						0.27	<	UJ	0.27	-99	0.073	<	U	0.073	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg						0.61	<	UJ	0.61	-99	0.141	<	U	0.141	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg						0.957	<	UJ	0.957	-99	0.061	<	U	0.061	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg						2.151		J	0.242	-99	0.066	<	U	0.066	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg						0.212	<	UJ	0.212	-99	0.062	<	U	0.062	-99
2,3,7,8-TCDD	ng/kg						0.262	<	UJ	0.262	-99	0.167	<	U	0.167	-99
2,3,7,8-TCDF	ng/kg						1.081		J	0.166	-99	0.11	<	U	0.11	-99
Heptachlorodibenzo-p-dioxin	ng/kg						284.78			1.178	-99	12.715			0.18	-99
Heptachlorodibenzofuran	ng/kg						27.433		B	1.496	-99	1.944			0.084	-99
Hexachloridibenzo-p-dioxin	ng/kg						42.071			0.154	-99	0.813			0.108	-99
Hexachlorodibenzofuran	ng/kg						42.887			0.215	-99	0.739			0.058	-99
Octachlorodibenzo-p-dioxin	ng/kg						1886.601		B	0.32	-99	105.722			0.151	-99
Octachlorodibenzofuran	ng/kg						146.274		B	0.29	-99	2.491			0.23	-99
Pentachlorodibenzo-p-dioxin	ng/kg						2.284			0.163	-99	0.141	<	U	0.141	-99
Pentachlorodibenzofuran	ng/kg						24.233			0.187	-99	0.238			0.062	-99
Tetrachlorodibenzo-p-dioxin	ng/kg						0.659			0.262	-99	0.167	<	U	0.167	-99
Tetrachlorodibenzofuran, Total	ng/kg						11.624			0.166	-99	0.11	<	U	0.11	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15	109			1.5	1.5	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	10000			50	50	.1	<	U	.1	.1

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	17SS22					17SS22					17SS23				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
		Sample Date:	20-AUG-98					20-AUG-98					11-JUL-98				
		Sample Depth:	.0 - 0.5					1.0 - 3					.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												14.7			1.5	1.5
1,3-Dinitrobenzene	mg/kg												.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg												110			1	1

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

Report Date: 11/15/04

Location Code:		17SS23					17SS24					17SS24				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
Sample Date:		11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 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															
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	.15	<	U	.15	.15	.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	13			.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS25					17SS25					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(0-0.5)					17SS25(2.5-3)					C-17SS26(0-0.5)-9807				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.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											22.179			1.969	-99
1,2,3,4,6,7,8-HpCDD	ng/kg											132.957			2.858	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											2.315	<	U	2.315	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											1.277	<	UJ	1.277	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											14.185	<	UJ	14.185	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											6.765		J	0.957	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											4.311			1.474	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											7.013		J	1.005	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											1.943	<	U	1.943	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											0.667	<	U	0.667	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											2.811	<	UJ	2.811	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											3.749	<	UJ	3.749	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											4.407		J	1.174	-99
2,3,7,8-TCDD	ng/kg											0.688	<	UJ	0.688	-99
2,3,7,8-TCDF	ng/kg											14.811	<	UJ	14.811	-99
Heptachlorodibenzo-p-dioxin	ng/kg											270.503			2.858	-99
Heptachlorodibenzofuran	ng/kg											22.179			1.969	-99
Hexachloridibenzo-p-dioxin	ng/kg											69.142			0.957	-99
Hexachlorodibenzofuran	ng/kg											8.765			1.474	-99
Octachlorodibenzo-p-dioxin	ng/kg											3131.454		J	0.596	-99
Octachlorodibenzofuran	ng/kg											68.201			0.245	-99
Pentachlorodibenzo-p-dioxin	ng/kg											0.667	<	U	0.667	-99
Pentachlorodibenzofuran	ng/kg											53.967			1.174	-99
Tetrachlorodibenzo-p-dioxin	ng/kg											15.211			0.688	-99
Tetrachlorodibenzofuran, Total	ng/kg											80.307			1.181	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15	.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	2.3			.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS26					17SS26					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
	Sample Date:	11-JUL-98					20-AUG-98					20-AUG-98				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 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	0.701	<	UJB	0.701	-99										
1,2,3,4,6,7,8-HpCDD	ng/kg	11.119		B	0.116	-99										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.095	<	U	0.095	-99										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.139	<	U	0.139	-99										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	0.439		B	0.062	-99										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.477	<	UJ	0.477	-99										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.06	<	U	0.06	-99										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	0.618			0.123	-99										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.076	<	U	0.076	-99										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.18	<	U	0.18	-99										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.11	<	UJ	0.11	-99										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.068	<	U	0.068	-99										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.112	<	UJ	0.112	-99										
2,3,7,8-TCDD	ng/kg	0.101	<	UJ	0.101	-99										
2,3,7,8-TCDF	ng/kg	0.679	<	UJ	0.679	-99										
Heptachlorodibenzo-p-dioxin	ng/kg	24.756			0.116	-99										
Heptachlorodibenzofuran	ng/kg	0.076	<	U	0.076	-99										
Hexachloridibenzo-p-dioxin	ng/kg	4.484			0.128	-99										
Hexachlorodibenzofuran	ng/kg	0.848			0.06	-99										
Octachlorodibenzo-p-dioxin	ng/kg	228.627		B	0.121	-99										
Octachlorodibenzofuran	ng/kg	1.527		B	0.12	-99										
Pentachlorodibenzo-p-dioxin	ng/kg	0.18	<	U	0.18	-99										
Pentachlorodibenzofuran	ng/kg	0.112	<	U	0.112	-99										
Tetrachlorodibenzo-p-dioxin	ng/kg	0.101	<	U	0.101	-99										
Tetrachlorodibenzofuran, Total	ng/kg	0.097	<	U	0.097	-99										
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15										
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05										
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS27					17SS27					17SS28				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.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	.62			.15	.15	.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	13		J	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1

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

Report Date: 11/15/04

	Location Code:	17SS28					17SS29					17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 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															
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	.15	<	U	.15	.15	.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:					Associated Site:					Sample No:				
		17SS31					Waste Sub-Area					17SS31(0-0.5)				
		Sample Date:					Sample Depth:									
		14-JUL-98					.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	.15	<	U	.15	.15	.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1

User Test Group / Parameter	Units	Location Code:					Associated Site:					Sample No:				
		17SS31					Waste Sub-Area					17SS31(2.5-3)				
		Sample Date:					Sample Depth:									
		14-JUL-98					2.5 - 3									
		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	.15	<	U	.15	.15	.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1

User Test Group / Parameter	Units	Location Code:					Associated Site:					Sample No:				
		17SS31					Waste Sub-Area					17SS31(2.5-3)QC				
		Sample Date:					Sample Depth:									
		14-JUL-98					2.5 - 3									
		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	.15	<	U	.15	.15	.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17WW01					18SD03					18SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
	Sample Date:	16-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.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	2			.3	-99	.33	<	U	.33	-99	.34	<	U	.34	-99
1,3-Dinitrobenzene	mg/kg	.3	<	U	.3	-99	.33	<	U	.33	-99	.34	<	U	.34	-99
2,4,6-Trinitrotoluene	mg/kg	.43		J	.3	-99	.33	<	UJ	.33	-99	.34	<	UJ	.34	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD05					18SD06					18SD06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.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	.32	<	U	.32	-99	.41	<	U	.41	-99					
1,3-Dinitrobenzene	mg/kg	.32	<	U	.32	-99	.41	<	U	.41	-99					
2,4,6-Trinitrotoluene	mg/kg	.32	<	UJ	.32	-99	.41	<	UJ	.41	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD07					18SD07					18SD08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.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	.34	<	U	.34	-99	.31	<	U	.31	-99	.37	<	U	.37	-99
1,3-Dinitrobenzene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	.37	<	U	.37	-99
2,4,6-Trinitrotoluene	mg/kg	.34	<	UJ	.34	-99	.31	<	U	.31	-99	.37	<	UJ	.37	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD09					18SD10					18SD11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD29					18SS01					18SS02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)				
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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	0.209	<	U	0.209	-99										
1,2,3,4,6,7,8-HpCDD	ng/kg	3.99			0.314	-99										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.28	<	U	0.28	-99										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.682	<	U	0.682	-99										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	0.378	<	U	0.378	-99										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.381	<	U	0.381	-99										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.252	<	U	0.252	-99										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	0.452	<	U	0.452	-99										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.411	<	U	0.411	-99										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.502	<	U	0.502	-99										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.405	<	U	0.405	-99										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.369	<	U	0.369	-99										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.423	<	U	0.423	-99										
2,3,7,8-TCDD	ng/kg	0.491	<	U	0.491	-99										
2,3,7,8-TCDF	ng/kg	0.537	<	U	0.537	-99										
Heptachlorodibenzo-p-dioxin	ng/kg	5.65			0.314	-99										
Heptachlorodibenzofuran	ng/kg	0.209	<	U	0.209	-99										
Hexachloridibenzo-p-dioxin	ng/kg	1.35			0.381	-99										
Hexachlorodibenzofuran	ng/kg	0.252	<	U	0.252	-99										
Octachlorodibenzo-p-dioxin	ng/kg	323			0.427	-99										
Octachlorodibenzofuran	ng/kg	0.286	<	U	0.286	-99										
Pentachlorodibenzo-p-dioxin	ng/kg	0.502	<	U	0.502	-99										
Pentachlorodibenzofuran	ng/kg	0.423	<	U	0.423	-99										
Tetrachlorodibenzo-p-dioxin	ng/kg	0.491	<	U	0.491	-99										
Tetrachlorodibenzofuran, Total	ng/kg	0.537	<	U	0.537	-99										
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15										
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05										
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS03					18SS05					18SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
	Sample Date:	17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS10					18SS11					18SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS12					18SS13					18SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
	Sample Date:	05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS15					18SS16					18SS17				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)				
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS18					18SS19					18SS20				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)				
	Sample Date:	18-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS21					18SS21					18SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)				
	Sample Date:	18-MAR-95					18-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS23					18SS24					18SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
	Sample Date:	05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.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															
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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															
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	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
1,3-Dinitrobenzene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
2,4,6-Trinitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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															
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	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
1,3-Dinitrobenzene	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
2,4,6-Trinitrotoluene	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99

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

Report Date: 11/15/04

	Location Code:	COE17-07					COE17-08					COE17-09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-07-01					COE17-08-01					COE17-09-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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															
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	.21	<	U	.21	-99	.22	<	U	.22	-99	.21	<	U	.21	-99
1,3-Dinitrobenzene	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99	.21	<	U	.21	-99
2,4,6-Trinitrotoluene	mg/kg	.21	<	U	.21	-99	6.6			.22	-99	.21	<	U	.21	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-10					COE17-11					COE17-12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-10-01					COE17-11-01					COE17-12-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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															
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	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
1,3-Dinitrobenzene	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
2,4,6-Trinitrotoluene	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99

	Location Code:	COE17-13					COE17-14					COE17-15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-13-01					COE17-14-01					COE17-15-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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															
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	.21	<	U	.21	-99	69		D	.21	-99	13		D	.22	-99
1,3-Dinitrobenzene	mg/kg	.21	<	U	.21	-99	1.7			.21	-99	.45			.22	-99
2,4,6-Trinitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.22	<	U	.22	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-16					FWS-088					FWS-101				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-16-01					CLNWR088					CLNWR101				
	Sample Date:	01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.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	.54			.22	-99										
1,3-Dinitrobenzene	mg/kg	.42			.22	-99										
2,4,6-Trinitrotoluene	mg/kg	.22	<	U	.22	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-108					FWS-119					FWS-123				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR108					CLNWR119					CLNWR123				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-124					LH-S114-01					LH-S114-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1				
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5				
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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	LH-S115-01					LH-S115-02					LH-S115-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
	Sample Date:	04-AUG-93					04-AUG-93					04-AUG-93				
User Test Group	*Sample Depth:*	.5 - 1					.6 - 2.6					.6 - 2.6				
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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS01					STEP-17SS01					STEP-17SS01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(0-0.5)-020306					17SS01(00.5)0203FD					17SS01(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS03					STEP-17SS04					STEP-17SS04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS03(1-2)-020306					17SS04(0-0.5)-020306					17SS04(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code: STEP-17SS07					Location Code: STEP-17SS08					Location Code: STEP-17SS08				
		Associated Site: Waste Sub-Area					Associated Site: Waste Sub-Area					Associated Site: Waste Sub-Area				
		Sample No: 17SS07(1-2)-020306					Sample No: 17SS08(0-0.5)-020306					Sample No: 17SS08(1-2)-020306				
		Sample Date: 06-MAR-02					Sample Date: 06-MAR-02					Sample Date: 06-MAR-02				
		Sample Depth: 1.0 - 2					Sample Depth: .0 - 0.5					Sample Depth: 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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS10					STEP-17SS11					STEP-17SS11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS10(1-2)-020306					17SS11(0-0.5)-020306					17SS11(00.5)0203FD				
	Sample Date:	06-MAR-02					06-MAR-02					06-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS11					STEP-17SS12					STEP-17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS11(1-2)-020306					17SS12(0-0.5)-020306					17SS12(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS13					STEP-17SS13					STEP-17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(0-0.5)-020307					17SS13(1-2)-020307					17SS14(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS14					STEP-17SS15					STEP-17SS15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(1-2)-020307					17SS15(0-0.5)-020307					17SS15(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS20					STEP-17SS20					STEP-17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(0-0.5)-020307					17SS20(1-2)-020307					17SS21(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS21					STEP-17SS21					STEP-17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS22					STEP-17SS23					STEP-17SS23				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS22(1-2)-020307					17SS23(0-0.5)-020307					17SS23(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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-17SS25					STEP-17SS26					STEP-17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS26					STEP-17SS27					STEP-17SS27				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS26(1-2)-020307					17SS27(0-0.5)-020307					17SS27(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
Waste Sub-Area - Part A
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:	Waste Sub-Area					Associated Site:	Waste Sub-Area					Associated Site:	Waste Sub-Area				
		Sample No:	17SS33(1-2)-020307					Sample No:	17SS34(0-0.5)-020308					Sample No:	17SS34(1-2)-020308				
		Sample Date:	07-MAR-02					Sample Date:	08-MAR-02					Sample Date:	08-MAR-02				
		Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5					Sample Depth:	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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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
Waste Sub-Area - Part A
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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-17SS37					
	Associated Site:	Waste Sub-Area					
	Sample No:	17SS37(1-2)-020308					
	Sample Date:	08-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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12SB01					12SB06					12SB06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)				
	Sample Date:	01-JUN-93					31-MAY-00					31-MAY-00				
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	.29	<	U	.29	-99										
2,6-Dinitrotoluene	mg/kg	.3	<	U	.3	-99										
2-Amino-4,6-dinitrotoluene	mg/kg	.29	<	U	.29	-99										
4-Amino-2,6-dinitrotoluene	mg/kg	.29	<	U	.29	-99										
HMX	mg/kg	2.6	<	U	2.6	-99										
Nitrobenzene	mg/kg	.3	<	U	.3	-99										
RDX	mg/kg	1.2	<	U	1.2	-99										
Tetryl	mg/kg	.76	<	U	.76	-99										
m-Nitrotoluene	mg/kg	.29	<	U	.29	-99										
o-Nitrotoluene	mg/kg	.29	<	U	.29	-99										
p-Nitrotoluene	mg/kg	.29	<	U	.29	-99										
GEN CHEMISTRY																
Chloride	mg/kg	2.7			2.3	-99										
Nitrate	mg/kg	0.12	<	U	0.12	-99										
Nitrite	mg/kg															
Sulfate	mg/kg	216.8			2.3	-99										
pH	STD UNIT	3.46			0	0										
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.15	<	UJ	1.15	-99										
Arsenic	mg/kg	1.71			1.15	-99										
Barium	mg/kg	154			11.5	-99										
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.15	<	U	1.15	-99										
Calcium	mg/kg															
Chromium	mg/kg	13.5			1.15	-99										
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12SB08					12SB09					12WW01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB08(0-0.5)					12SB09(0-0.5)					12WW01(0-2)				
	Sample Date:	31-MAY-00					31-MAY-00					27-APR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.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											.31	<	U	.31	-99
2,6-Dinitrotoluene	mg/kg											.32	<	U	.32	-99
2-Amino-4,6-dinitrotoluene	mg/kg											.31	<	U	.31	-99
4-Amino-2,6-dinitrotoluene	mg/kg											.31	<	U	.31	-99
HMX	mg/kg											2.7	<	U	2.7	-99
Nitrobenzene	mg/kg											.32	<	U	.32	-99
RDX	mg/kg											1.2	<	U	1.2	-99
Tetryl	mg/kg											.8	<	U	.8	-99
m-Nitrotoluene	mg/kg											.31	<	U	.31	-99
o-Nitrotoluene	mg/kg											.31	<	U	.31	-99
p-Nitrotoluene	mg/kg											.31	<	U	.31	-99
GEN CHEMISTRY																
Chloride	mg/kg											0.5	<	U	0.5	-99
Nitrate	mg/kg											0.12	<	U	0.12	-99
Nitrite	mg/kg															
Sulfate	mg/kg											10.6			2.5	-99
pH	STD UNIT											5.15			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg											1.23	<	U	1.23	-99
Arsenic	mg/kg											3			1.23	-99
Barium	mg/kg											81.5		J	12.3	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg											1.23	<	U	1.23	-99
Calcium	mg/kg															
Chromium	mg/kg											10.6			1.23	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12WW02					12WW02					12WW02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02				
	Sample Date:	04-FEB-88					04-FEB-90					28-APR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.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											.3	<	U	.3	-99
2,6-Dinitrotoluene	mg/kg											.31	<	U	.31	-99
2-Amino-4,6-dinitrotoluene	mg/kg											.3	<	U	.3	-99
4-Amino-2,6-dinitrotoluene	mg/kg											.3	<	U	.3	-99
HMX	mg/kg											2.6	<	U	2.6	-99
Nitrobenzene	mg/kg											.31	<	U	.31	-99
RDX	mg/kg											1.2	<	U	1.2	-99
Tetryl	mg/kg											.78	<	U	.78	-99
m-Nitrotoluene	mg/kg											.3	<	U	.3	-99
o-Nitrotoluene	mg/kg											.3	<	U	.3	-99
p-Nitrotoluene	mg/kg											.3	<	U	.3	-99
GEN CHEMISTRY																
Chloride	mg/kg											2.9			2.4	-99
Nitrate	mg/kg											0.12	<	U	0.12	-99
Nitrite	mg/kg															
Sulfate	mg/kg											7.8			2.4	-99
pH	STD UNIT											5.37			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg											1.2	<	U	1.2	-99
Arsenic	mg/kg											16.1			1.2	-99
Barium	mg/kg											179		J	12	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg											1.2	<	U	1.2	-99
Calcium	mg/kg															
Chromium	mg/kg											24.2			1.2	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12WW05					12WW07					16SB11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
	Sample Date:	19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.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	.33	<	U	.33	-99	.29	<	U	.29	-99					
2,6-Dinitrotoluene	mg/kg	.35	<	U	.35	-99	.31	<	U	.31	-99					
2-Amino-4,6-dinitrotoluene	mg/kg	.33	<	U	.33	-99	.29	<	U	.29	-99					
4-Amino-2,6-dinitrotoluene	mg/kg	.33	<	U	.33	-99	.29	<	U	.29	-99					
HMX	mg/kg	2.9	<	U	2.9	-99	2.6	<	U	2.6	-99					
Nitrobenzene	mg/kg	.35	<	U	.35	-99	.31	<	U	.31	-99					
RDX	mg/kg	1.3	<	U	1.3	-99	1.2	<	U	1.2	-99					
Tetryl	mg/kg	.86	<	U	.86	-99	.76	<	U	.76	-99					
m-Nitrotoluene	mg/kg	.33	<	U	.33	-99	.29	<	U	.29	-99					
o-Nitrotoluene	mg/kg	.33	<	U	.33	-99	.29	<	U	.29	-99					
p-Nitrotoluene	mg/kg	.33	<	U	.33	-99	.29	<	U	.29	-99					
GEN CHEMISTRY																
Chloride	mg/kg	1.1	<	U	1.1	-99	0.94	<	U	0.94	-99					
Nitrate	mg/kg	0.13	<	U	0.13	-99	0.12	<	U	0.12	-99					
Nitrite	mg/kg															
Sulfate	mg/kg	1.47			1.1	-99	0.94	<	U	0.94	-99					
pH	STD UNIT	5.2			0	0	5.8			0	0					
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.33	<	UJ	1.33	-99	1.18	<	UJ	1.18	-99					
Arsenic	mg/kg	6.54			1.33	-99	2.55			1.18	-99					
Barium	mg/kg	128			13.3	-99	54.4			11.8	-99					
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.33	<	U	1.33	-99	1.18	<	U	1.18	-99					
Calcium	mg/kg															
Chromium	mg/kg	9.72			1.33	-99	9.67			1.18	-99					
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16SB11					16SD02					16SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)				
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 1					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg						.31	<	U	.31	-99	.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg						.33	<	U	.33	-99	.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg						.31	<	U	.31	-99	.9	<	U	.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg						.31	<	U	.31	-99	1.1	<	U	1.1	-99
HMX	mg/kg						2.8	<	U	2.8	-99	.9	<	U	.9	-99
Nitrobenzene	mg/kg						.33	<	U	.33	-99	.6	<	U	.6	-99
RDX	mg/kg						1.3	<	U	1.3	-99	.5	<	U	.5	-99
Tetryl	mg/kg						.82	<	U	.82	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg						.31	<	U	.31	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg						.31	<	U	.31	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg						.31	<	U	.31	-99	1.1	<	U	1.1	-99
GEN CHEMISTRY																
Chloride	mg/kg						5.1			2.5	-99					
Nitrate	mg/kg						0.18			0.13	-99					
Nitrite	mg/kg															
Sulfate	mg/kg						3.9			2.5	-99					
pH	STD UNIT						7.1			0	0					
METALS																
Aluminum	mg/kg															
Antimony	mg/kg						1.27	<	UJ	1.27	-99	1.38	<	R	1.38	-99
Arsenic	mg/kg						7.17			1.27	-99	2.49			0.69	-99
Barium	mg/kg						52.5			12.7	-99	53.8			1.38	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg						1.27	<	U	1.27	-99	0.69	<	U	0.69	-99
Calcium	mg/kg															
Chromium	mg/kg						12.7			1.27	-99	8.74			1.38	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16SD11					16WW27					16WW27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC				
	Sample Date:	28-FEB-95					17-MAY-97					17-MAY-97				
User Test Group	*Sample Depth:*	.0 - 0					.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	.5	<	U	.5	-99	.25	<	U	.25	.06					
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.25	<	U	.25	.08					
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.25	<	U	.25	.13					
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	.25	<	U	.25	.05					
HMX	mg/kg	.9	<	U	.9	-99	.5	<	U	.5	.04					
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.25	<	U	.25	.05					
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	.09					
Tetryl	mg/kg	1.9	<	U	1.9	-99	.65	<	U	.65	.1					
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.25	<	U	.25	.07					
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.25	<	U	.25	.04					
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	.25	<	U	.25	.07					
GEN CHEMISTRY																
Chloride	mg/kg						4.99			2.51	-99	5.05			2.45	-99
Nitrate	mg/kg						4.57			0.25	-99	4.45			0.24	-99
Nitrite	mg/kg						0.25	<	U	0.25	-99	0.24	<	U	0.24	-99
Sulfate	mg/kg						19.9			6.28	-99	19.5			6.12	-99
pH	STD UNIT															
METALS																
Aluminum	mg/kg						7030			25.7	-99					
Antimony	mg/kg	1.3	<	R	1.3	-99	7.7	<	UJ	7.7	-99					
Arsenic	mg/kg	3.63			0.65	-99	3.2			1.3	-99					
Barium	mg/kg	86.1			1.3	-99	168			25.7	-99					
Beryllium	mg/kg						0.68			0.64	-99					
Boron	mg/kg															
Cadmium	mg/kg	0.65	<	U	0.65	-99	0.51			0.64	-99					
Calcium	mg/kg						1540			641	-99					
Chromium	mg/kg	22.6			1.3	-99	7.8			1.3	-99					
Cobalt	mg/kg						10.3			6.4	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW27					16WW31					16WW31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW27(1-3)					16WW31(0-0.5)					16WW31(1-3)				
	Sample Date:	17-MAY-97					29-MAY-97					29-MAY-97				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
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	.25	.06	.25	<	U	.25	.06	.25	<	U	.25	.06
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	.08	.25	<	U	.25	.08	.25	<	U	.25	.08
2-Amino-4,6-dinitrotoluene	mg/kg	.25	<	U	.25	.13	.25	<	U	.25	.13	.25	<	U	.25	.13
4-Amino-2,6-dinitrotoluene	mg/kg	.25	<	U	.25	.05	.25	<	U	.25	.05	.25	<	U	.25	.05
HMX	mg/kg	.5	<	U	.5	.04	.5	<	U	.5	.04	.5	<	U	.5	.04
Nitrobenzene	mg/kg	.25	<	U	.25	.05	.25	<	U	.25	.05	.25	<	U	.25	.05
RDX	mg/kg	.5	<	U	.5	.09	.5	<	U	.5	.09	.5	<	U	.5	.09
Tetryl	mg/kg	.65	<	U	.65	.1	.65	<	U	.65	.1	.65	<	U	.65	.1
m-Nitrotoluene	mg/kg	.25	<	U	.25	.07	.25	<	U	.25	.07	.25	<	U	.25	.07
o-Nitrotoluene	mg/kg	.25	<	U	.25	.04	.25	<	U	.25	.04	.25	<	U	.25	.04
p-Nitrotoluene	mg/kg	.25	<	U	.25	.07	.25	<	U	.25	.07	.25	<	U	.25	.07
GEN CHEMISTRY																
Chloride	mg/kg	18.2			2.23	-99										
Nitrate	mg/kg	0.22	<	U	0.22	-99										
Nitrite	mg/kg	0.22	<	U	0.22	-99										
Sulfate	mg/kg	60.7			5.58	-99										
pH	STD UNIT															
METALS																
Aluminum	mg/kg	7070			24.1	-99	4520			24.2	-99	9740			24.5	-99
Antimony	mg/kg	7.2	<	UJ	7.2	-99	7.3	<	UJ	7.3	-99	0.48			7.4	-99
Arsenic	mg/kg	2.5			1.2	-99	6.7			1.2	-99	6.6			1.2	-99
Barium	mg/kg	58.8			24.1	-99	97.2			24.2	-99	62.3			24.5	-99
Beryllium	mg/kg	0.41			0.6	-99	1.4			0.61	-99	0.8			0.61	-99
Boron	mg/kg															
Cadmium	mg/kg	0.6	<	U	0.6	-99	0.77			0.61	-99	0.56			0.61	-99
Calcium	mg/kg	118			601	-99	143			605	-99	255			613	-99
Chromium	mg/kg	8.1			1.2	-99	31.5		J	1.2	-99	22.6		J	1.2	-99
Cobalt	mg/kg	5.1			6	-99	13.3			6.1	-99	2.8			6.1	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW35					16WW35					16WW35				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
	Sample Date:	25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 3				
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	.25	.02	.25	<	U	.25	.02	.25	<	U	.25	.02
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	.02	.25	<	U	.25	.02	.25	<	U	.25	.02
2-Amino-4,6-dinitrotoluene	mg/kg	.25	<	U	.25	.03	.25	<	U	.25	.03	.25	<	U	.25	.03
4-Amino-2,6-dinitrotoluene	mg/kg	.25	<	U	.25	.04	.25	<	U	.25	.04	.25	<	U	.25	.04
HMX	mg/kg	.5	<	U	.5	.05	.5	<	U	.5	.05	.5	<	U	.5	.05
Nitrobenzene	mg/kg	.25	<	U	.25	.03	.25	<	U	.25	.03	.25	<	U	.25	.03
RDX	mg/kg	.5	<	U	.5	.05	.5	<	U	.5	.05	.5	<	U	.5	.05
Tetryl	mg/kg	.65	<	U	.65	.05	.65	<	U	.65	.05	.65	<	U	.65	.05
m-Nitrotoluene	mg/kg	.25	<	U	.25	.06	.25	<	U	.25	.06	.25	<	U	.25	.06
o-Nitrotoluene	mg/kg	.25	<	U	.25	.05	.25	<	U	.25	.05	.25	<	U	.25	.05
p-Nitrotoluene	mg/kg	.25	<	U	.25	.05	.25	<	U	.25	.05	.25	<	U	.25	.05
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	18100			21.2	-99	17000			23.5	-99	10600			24.7	-99
Antimony	mg/kg	6.3	<	UJ	6.3	-99	7.1	<	UJ	7.1	-99	7.4	<	UJ	7.4	-99
Arsenic	mg/kg	4.9			1.1	-99	6.1			1.2	-99	3.4			1.2	-99
Barium	mg/kg	80.2			21.2	-99	88.7			23.5	-99	47.4			24.7	-99
Beryllium	mg/kg	0.8			0.53	-99	0.85			0.59	-99	0.38			0.62	-99
Boron	mg/kg															
Cadmium	mg/kg	0.53	<	U	0.53	-99	0.59	<	U	0.59	-99	0.62	<	U	0.62	-99
Calcium	mg/kg	370			529	-99	483			588	-99	295			617	-99
Chromium	mg/kg	16.7			1.1	-99	18.9			1.2	-99	10.4			1.2	-99
Cobalt	mg/kg	3.7			5.3	-99	4			5.9	-99	2.8			6.2	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW37					16WW37					17SB01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)				
	Sample Date:	31-MAY-97					31-MAY-97					15-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.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	.25	<	U	.25	.06	.25	<	U	.25	.06	1.2			.3	-99
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	.08	.25	<	U	.25	.08	1.4			.32	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.25	<	U	.25	.13	.25	<	U	.25	.13	.3	<	U	.3	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.25	<	U	.25	.05	.25	<	U	.25	.05	.3	<	U	.3	-99
HMX	mg/kg	.5	<	U	.5	.04	.5	<	U	.5	.04	2.7	<	U	2.7	-99
Nitrobenzene	mg/kg	.25	<	U	.25	.05	.25	<	U	.25	.05	.32	<	U	.32	-99
RDX	mg/kg	.5	<	U	.5	.09	.5	<	U	.5	.09	1.2	<	U	1.2	-99
Tetryl	mg/kg	.65	<	U	.65	.1	.65	<	U	.65	.1	.79	<	U	.79	-99
m-Nitrotoluene	mg/kg	.25	<	U	.25	.07	.25	<	U	.25	.07	.3	<	U	.3	-99
o-Nitrotoluene	mg/kg	.25	<	U	.25	.04	.25	<	U	.25	.04	.3	<	U	.3	-99
p-Nitrotoluene	mg/kg	.25	<	U	.25	.07	.25	<	U	.25	.07	.3	<	U	.3	-99
GEN CHEMISTRY																
Chloride	mg/kg											57.6			2.5	-99
Nitrate	mg/kg											0.13	<	U	0.13	-99
Nitrite	mg/kg															
Sulfate	mg/kg											25			2.5	-99
pH	STD UNIT											8.43			0	0
METALS																
Aluminum	mg/kg	5640			24.9	-99	21500			25.4	-99					
Antimony	mg/kg	7.5	<	UJ	7.5	-99	7.6	<	UJ	7.6	-99	1.25	<	UJ	1.25	-99
Arsenic	mg/kg	4.4			1.2	-99	7.5			1.3	-99	2.21			1.25	-99
Barium	mg/kg	256			24.9	-99	208			25.4	-99	1600		J	12.5	-99
Beryllium	mg/kg	0.88			0.62	-99	1.2			0.64	-99					
Boron	mg/kg															
Cadmium	mg/kg	0.62	<	U	0.62	-99	0.86			0.64	-99	1.25	<	U	1.25	-99
Calcium	mg/kg	15100			622	-99	3090			635	-99					
Chromium	mg/kg	12.8			1.2	-99	23.9			1.3	-99	22			1.25	-99
Cobalt	mg/kg	19.8			6.2	-99	6.6			6.4	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		Location Code:	17SB01					17SB02					17SB03				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SB01(02)					17SB02(0-2)					17SB03(0-2)				
		Sample Date:	15-MAY-93					15-MAY-93					16-MAY-93				
		Sample Depth:	2.5 - 2.5					.0 - 2					.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		.32	<	U	.32	-99	4000			110	-99	93			1.2	-99
2,6-Dinitrotoluene	mg/kg		.33	<	U	.33	-99	500			120	-99	23			1.2	-99
2-Amino-4,6-dinitrotoluene	mg/kg		.32	<	U	.32	-99	110	<	U	110	-99	16		J	1.2	-99
4-Amino-2,6-dinitrotoluene	mg/kg		.32	<	U	.32	-99	110	<	U	110	-99	4.8		J	1.2	-99
HMX	mg/kg		2.8	<	U	2.8	-99	1000	<	U	1000	-99	10	<	U	10	-99
Nitrobenzene	mg/kg		.33	<	U	.33	-99	120	<	U	120	-99	1.2	<	U	1.2	-99
RDX	mg/kg		1.3	<	U	1.3	-99	450	<	U	450	-99	4.7	<	U	4.7	-99
Tetryl	mg/kg		.82	<	U	.82	-99	290	<	U	290	-99	3	<	U	3	-99
m-Nitrotoluene	mg/kg		.32	<	U	.32	-99	110	<	U	110	-99	1.2	<	U	1.2	-99
o-Nitrotoluene	mg/kg		.32	<	U	.32	-99	110	<	U	110	-99	1.2	<	U	1.2	-99
p-Nitrotoluene	mg/kg		.32	<	U	.32	-99	110	<	U	110	-99	1.2	<	U	1.2	-99
GEN CHEMISTRY																	
Chloride	mg/kg		463			48.5	-99	40.3			4.6	-99	83.9			48	-99
Nitrate	mg/kg		0.47			0.12	-99	4.8			0.12	-99	0.12	<	U	0.12	-99
Nitrite	mg/kg																
Sulfate	mg/kg		306.7			2.4	-99	197			2.3	-99	5683.5			47.7	-99
pH	STD UNIT		4.63			0	0	8.09			0	0	3.73			0	0
METALS																	
Aluminum	mg/kg																
Antimony	mg/kg		1.2	<	UJ	1.2	-99	1.15	<	UJ	1.15	-99	1.36		J	1.2	-99
Arsenic	mg/kg		1.72			1.2	-99	2.03			1.15	-99	2.64			1.2	-99
Barium	mg/kg		246		J	12	-99	109		J	11.5	-99	1080			12	-99
Beryllium	mg/kg																
Boron	mg/kg																
Cadmium	mg/kg		1.2	<	U	1.2	-99	1.15	<	U	1.15	-99	1.2	<	U	1.2	-99
Calcium	mg/kg																
Chromium	mg/kg		23.8			1.2	-99	17.9			1.15	-99	24.1			1.2	-99
Cobalt	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB03					17SB04					17SB05				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)				
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.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						15			2.9	-99	.33	<	U	.33	-99
2,6-Dinitrotoluene	mg/kg						3.8			3	-99	.34	<	U	.34	-99
2-Amino-4,6-dinitrotoluene	mg/kg						7.6		J	2.9	-99	.33	<	U	.33	-99
4-Amino-2,6-dinitrotoluene	mg/kg						2.9	<	U	2.9	-99	.33	<	U	.33	-99
HMX	mg/kg						26	<	U	26	-99	2.9	<	U	2.9	-99
Nitrobenzene	mg/kg						3	<	U	3	-99	.34	<	U	.34	-99
RDX	mg/kg						12	<	U	12	-99	1.3	<	U	1.3	-99
Tetryl	mg/kg						7.6	<	U	7.6	-99	.86	<	U	.86	-99
m-Nitrotoluene	mg/kg						2.9	<	U	2.9	-99	.33	<	U	.33	-99
o-Nitrotoluene	mg/kg						2.9	<	U	2.9	-99	.33	<	U	.33	-99
p-Nitrotoluene	mg/kg						2.9	<	U	2.9	-99	.33	<	U	.33	-99
GEN CHEMISTRY																
Chloride	mg/kg	68.1			52.4	-99	32.4			2.4	-99	249.4			2.5	-99
Nitrate	mg/kg	0.47			0.13	-99	0.4			0.12	-99	0.32			0.12	-99
Nitrite	mg/kg															
Sulfate	mg/kg	1950.3			52.4	-99	759.4			2.4	-99	121			2.5	-99
pH	STD UNIT						7.81			0	0	4.86			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg						1.53		J	1.25	-99	1.25	<	UJ	1.25	-99
Arsenic	mg/kg						7.71			1.25	-99	2.01			1.25	-99
Barium	mg/kg						846		J	12.5	-99	120		J	12.5	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg						7.33			1.25	-99	1.25	<	UJ	1.25	-99
Calcium	mg/kg															
Chromium	mg/kg						56.6			1.25	-99	23.7			1.25	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB06					17SB07					17SB09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
	Sample Date:	15-MAY-93					16-MAY-93					30-MAY-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*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	28	<	U	28	-99	.29	<	U	.29	-99					
2,6-Dinitrotoluene	mg/kg	29	<	U	29	-99	.3	<	U	.3	-99					
2-Amino-4,6-dinitrotoluene	mg/kg	28	<	U	28	-99	.29	<	U	.29	-99					
4-Amino-2,6-dinitrotoluene	mg/kg	28	<	U	28	-99	.29	<	U	.29	-99					
HMX	mg/kg	250	<	U	250	-99	2.6	<	U	2.6	-99					
Nitrobenzene	mg/kg	29	<	U	29	-99	.3	<	U	.3	-99					
RDX	mg/kg	110	<	U	110	-99	1.2	<	U	1.2	-99					
Tetryl	mg/kg	73	<	U	73	-99	.76	<	U	.76	-99					
m-Nitrotoluene	mg/kg	28	<	U	28	-99	.29	<	U	.29	-99					
o-Nitrotoluene	mg/kg	28	<	U	28	-99	.29	<	U	.29	-99					
p-Nitrotoluene	mg/kg	28	<	U	28	-99	.29	<	U	.29	-99					
GEN CHEMISTRY																
Chloride	mg/kg	148.2			4.3	-99	2.4	<	U	2.4	-99					
Nitrate	mg/kg	11.82			0.11	-99	0.15			0.12	-99					
Nitrite	mg/kg															
Sulfate	mg/kg	54.8			2.2	-99	2.4	<	U	2.4	-99					
pH	STD UNIT	8.47			0	0	5.73			0	0					
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.08	<	UJ	1.08	-99	1.22	<	UJ	1.22	-99					
Arsenic	mg/kg	1.58			1.08	-99	3.59			1.22	-99					
Barium	mg/kg	81.9		J	10.8	-99	59.9		J	12.2	-99					
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.08	<	U	1.08	-99	1.22	<	UJ	1.22	-99					
Calcium	mg/kg															
Chromium	mg/kg	20.7			1.08	-99	21.6			1.22	-99					
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB09					17SB10					17SB10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
	Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD01					17SD01					17SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD01					17SD01(000.0)					17SD02				
	Sample Date:	21-APR-93					02-MAR-95					21-APR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.36	<	U	.36	-99	.5	<	U	.5	-99	.35	<	U	.35	-99
2,6-Dinitrotoluene	mg/kg	.37	<	U	.37	-99	.5	<	U	.5	-99	.36	<	U	.36	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.36	<	U	.36	-99	.9	<	U	.9	-99	.35	<	U	.35	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.36	<	U	.36	-99	1.1	<	U	1.1	-99	.35	<	U	.35	-99
HMX	mg/kg	3.2	<	U	3.2	-99	.9	<	U	.9	-99	3	<	U	3	-99
Nitrobenzene	mg/kg	.37	<	U	.37	-99	.6	<	U	.6	-99	.36	<	U	.36	-99
RDX	mg/kg	1.4	<	U	1.4	-99	.5	<	U	.5	-99	1.4	<	U	1.4	-99
Tetryl	mg/kg	.93	<	U	.93	-99	1.9	<	U	1.9	-99	.9	<	U	.9	-99
m-Nitrotoluene	mg/kg	.36	<	U	.36	-99	.9	<	U	.9	-99	.35	<	U	.35	-99
o-Nitrotoluene	mg/kg	.36	<	U	.36	-99	.9	<	U	.9	-99	.35	<	U	.35	-99
p-Nitrotoluene	mg/kg	.36	<	U	.36	-99	1.1	<	U	1.1	-99	.35	<	U	.35	-99
GEN CHEMISTRY																
Chloride	mg/kg	52.2			6.1	-99						116			5.3	-99
Nitrate	mg/kg	0.15	<	U	0.15	-99						0.16			0.13	-99
Nitrite	mg/kg															
Sulfate	mg/kg	6.9			1.2	-99						290			5.3	-99
pH	STD UNIT	5.42			0	0						5.97			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.49	<	U	1.49	-99	1.37	<	R	1.37	-99	1.33	<	U	1.33	-99
Arsenic	mg/kg	10.3		J	1.49	-99	2.6			0.68	-99	11.7		J	1.33	-99
Barium	mg/kg	149			14.9	-99	197.7			1.37	-99	489			13.3	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.49	<	U	1.49	-99	0.68	<	U	0.68	-99	1.33	<	U	1.33	-99
Calcium	mg/kg															
Chromium	mg/kg	8.19			1.49	-99	16.1			1.37	-99	10.4			1.33	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD02					17SD02					17SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
HMX	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.6	<	U	.6	-99	.6	<	U	.6	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	2.24		R	2.04	-99	1.88	<	U	1.88	-99	1.42	<	R	1.42	-99
Arsenic	mg/kg	3.05		J	1.02	-99	2.82			0.94	-99	2.27		J	0.71	-99
Barium	mg/kg	484.3			2.04	-99	571.1			1.88	-99	898.6			1.42	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.02	<	U	1.02	-99	0.96			0.94	-99	0.71	<	U	0.71	-99
Calcium	mg/kg															
Chromium	mg/kg	13.6			2.04	-99	12.4			1.88	-99	14.4			1.42	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD05					17SD06					17SD07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
	Sample Date:	02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
HMX	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.6	<	U	.6	-99	.6	<	U	.6	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.76		R	1.47	-99	1.41		R	1.41	-99	2		R	1.43	-99
Arsenic	mg/kg	2.35			0.73	-99	1.84			0.71	-99	4.28		J	0.71	-99
Barium	mg/kg	479.2			1.47	-99	166.9			1.41	-99	20500			2.85	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.78			0.73	-99	0.71	<	U	0.71	-99	1.43	<	U	1.43	-99
Calcium	mg/kg															
Chromium	mg/kg	19.2			1.47	-99	6.12			1.41	-99	25.8			2.85	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD08					17SD09					17SD10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD08(000.0)					17SD09(000.0)					17SD10				
	Sample Date:	05-MAR-95					05-MAR-95					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.1	<	U	.1	.1
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	.05	<	U	.05	.05
HMX	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.1	<	U	.1	.1
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.6	<	U	.6	-99	.1	<	U	.1	.1
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.1	<	U	.1	.1
Tetryl	mg/kg	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99	.1	<	UJ	.1	.1
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg											5200			29	29
Antimony	mg/kg	2.34		R	1.46	-99	1.56	<	R	1.56	-99	8.69	<	U	8.69	8.69
Arsenic	mg/kg	3.22			0.73	-99	2.8			0.78	-99	2.94			1.45	1.45
Barium	mg/kg	1210			1.46	-99	166.6			1.56	-99	110			29	29
Beryllium	mg/kg											0.724	<	U	0.724	0.724
Boron	mg/kg															
Cadmium	mg/kg	0.73	<	U	0.73	-99	0.78	<	U	0.78	-99	0.724	<	U	0.724	0.724
Calcium	mg/kg											1500			720	720
Chromium	mg/kg	10.4			1.46	-99	13.7			1.56	-99	7			1.4	1.4
Cobalt	mg/kg											8			7.2	7.2

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD10					17SD11					17SD12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD10QC					17SD11					17SD12				
	Sample Date:	17-SEP-98					17-SEP-98					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Tetryl	mg/kg	.1	<	UJ	.1	.1	.1	<	UJ	.1	.1	.1	<	UJ	.1	.1
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	4500			28	28	7900			31	31	5000			28	28
Antimony	mg/kg	8.43	<	U	8.43	8.43	9.41	<	U	9.41	9.41	8.51	<	U	8.51	8.51
Arsenic	mg/kg	2.82			1.41	1.41	6.48			1.57	1.57	2.55			1.42	1.42
Barium	mg/kg	95			28	28	1400			31	31	100			28	28
Beryllium	mg/kg	0.703	<	U	0.703	0.703	0.784	<	U	0.784	0.784	0.709	<	U	0.709	0.709
Boron	mg/kg															
Cadmium	mg/kg	0.703	<	U	0.703	0.703	0.951			0.784	0.784	0.709	<	U	0.709	0.709
Calcium	mg/kg	1200			700	700	2100			780	780	710	<	U	710	710
Chromium	mg/kg	6.6			1.4	1.4	14			1.6	1.6	7.6			1.4	1.4
Cobalt	mg/kg	7	<	U	7	7	8.1			7.8	7.8	7.1	<	U	7.1	7.1

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.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	1.84			.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
HMX	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.6	<	U	.6	-99	.6	<	U	.6	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.67		R	1.28	-99	2.36		R	1.39	-99	1.18	<	R	1.18	-99
Arsenic	mg/kg	1.54		J	0.64	-99	3.34		J	0.7	-99	1.06		J	0.59	-99
Barium	mg/kg	164.1			1.28	-99	482.8			1.39	-99	77.9			1.18	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.64	<	U	0.64	-99	0.86			0.7	-99	0.59	<	U	0.59	-99
Calcium	mg/kg															
Chromium	mg/kg	7.29			1.28	-99	14.9			1.39	-99	5.58			1.18	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS04					17SS05					17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.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	.5	<	U	.5	-99	1.61			.5	-99	.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
HMX	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.6	<	U	.6	-99	.6	<	U	.6	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.34	<	R	1.34	-99	2.51		R	1.26	-99	1.27		R	1.27	-99
Arsenic	mg/kg	1.87		J	0.67	-99	4.4		J	0.63	-99	1.91		J	0.64	-99
Barium	mg/kg	108.4			1.34	-99	2100			1.26	-99	314.1			1.27	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.67	<	U	0.67	-99	1.73			0.63	-99	0.64	<	U	0.64	-99
Calcium	mg/kg															
Chromium	mg/kg	15.6			1.34	-99	54.3			1.26	-99	9.85			1.27	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS09					17SS10					17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
	Sample Date:	05-MAR-95					15-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.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	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
HMX	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.6	<	U	.6	-99	.6	<	U	.6	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.3	<	R	1.3	-99	1.26	<	R	1.26	-99	1.28	<	R	1.28	-99
Arsenic	mg/kg	2.2			0.65	-99	5.44		J	0.63	-99	1.79			0.64	-99
Barium	mg/kg	105.6			1.3	-99	785.7			1.26	-99	69.1			1.28	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.65	<	U	0.65	-99	3.03		J	0.63	-99	0.64	<	U	0.64	-99
Calcium	mg/kg															
Chromium	mg/kg	6.8			1.3	-99	23.3			1.26	-99	7.13			1.28	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS13					17SS13					17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.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	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
HMX	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.6	<	U	.6	-99	.6	<	U	.6	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.54	<	R	1.54	-99	1.43	<	U	1.43	-99	1.32	<	R	1.32	-99
Arsenic	mg/kg	2.62		J	0.77	-99	2.87			0.72	-99	4.5			0.66	-99
Barium	mg/kg	658.8			1.54	-99	454.8			1.43	-99	229.1			1.32	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.77	<	U	0.77	-99	0.72	<	U	0.72	-99	1.07			0.66	-99
Calcium	mg/kg															
Chromium	mg/kg	16.5			1.54	-99	21.3			1.43	-99	14.7			1.32	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS14					17SS15					17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
	Sample Date:	01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.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	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
HMX	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.6	<	U	.6	-99	.6	<	U	.6	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.34	<	U	1.34	-99	1.36		R	1.36	-99	1.26	<	R	1.26	-99
Arsenic	mg/kg	3.74			0.67	-99	3.96			0.68	-99	1.64			0.63	-99
Barium	mg/kg	152.1			1.34	-99	204			1.36	-99	79			1.26	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.68			0.67	-99	0.68	<	U	0.68	-99	0.63	<	U	0.63	-99
Calcium	mg/kg															
Chromium	mg/kg	17.3			1.34	-99	15.3			1.36	-99	9.18			1.26	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS17					17SS18					17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
	Sample Date:	01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.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	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
HMX	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.6	<	U	.6	-99	.6	<	U	.6	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.9	<	U	.9	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99	1.1	<	U	1.1	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.53	<	R	1.53	-99	1.34	<	R	1.34	-99	1.24	<	R	1.24	-99
Arsenic	mg/kg	4.14			0.77	-99	3.21			0.67	-99	1.48		J	0.62	-99
Barium	mg/kg	97.6			1.53	-99	198			1.34	-99	123.7			1.24	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.77	<	U	0.77	-99	0.72			0.67	-99	0.62	<	U	0.62	-99
Calcium	mg/kg															
Chromium	mg/kg	15.8			1.53	-99	16.3			1.34	-99	9.6			1.24	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.5 - 0.5					.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	.5	<	U	.5	-99	.1	<	UJ	.1	.1	.84		J	.1	.1
2,6-Dinitrotoluene	mg/kg	.5	<	U	.5	-99	.1	<	UJ	.1	.1	.84		J	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.9	<	U	.9	-99	.05	<	UJ	.05	.05	.51		J	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	1.1	<	U	1.1	-99	.05	<	UJ	.05	.05	.51		J	.05	.05
HMX	mg/kg	.9	<	U	.9	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
Nitrobenzene	mg/kg	.6	<	U	.6	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
RDX	mg/kg	.5	<	U	.5	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
Tetryl	mg/kg	1.9	<	U	1.9	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
m-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.9	<	U	.9	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	1.1	<	U	1.1	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.71		R	1.31	-99										
Arsenic	mg/kg	1.05		J	0.66	-99										
Barium	mg/kg	56.9			1.31	-99										
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.66	<	U	0.66	-99										
Calcium	mg/kg															
Chromium	mg/kg	6.52			1.31	-99										
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS21					17SS22					17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	16			.1	.1	.1	<	U	.1	.1
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	16			.1	.1	.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Tetryl	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Location Code:		17SS22					17SS22					17SS23				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
Sample Date:		20-AUG-98					20-AUG-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.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											.1	<	U	.1	.1
2,6-Dinitrotoluene	mg/kg											.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg											.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg											.05	<	U	.05	.05
HMX	mg/kg											.1	<	U	.1	.1
Nitrobenzene	mg/kg											.1	<	U	.1	.1
RDX	mg/kg											.1	<	U	.1	.1
Tetryl	mg/kg											.1	<	U	.1	.1
m-Nitrotoluene	mg/kg											.1	<	U	.1	.1
o-Nitrotoluene	mg/kg											.1	<	U	.1	.1
p-Nitrotoluene	mg/kg											.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	5800			21	21	6000			25	25					
Antimony	mg/kg	6.37	<	UJ	6.37	6.37	7.59	<	UJ	7.59	7.59					
Arsenic	mg/kg	3.94			1.06	1.06	2.19			1.27	1.27					
Barium	mg/kg	790			21	21	820			25	25					
Beryllium	mg/kg	0.531	<	U	0.531	0.531	0.633	<	U	0.633	0.633					
Boron	mg/kg															
Cadmium	mg/kg	1.49			0.531	0.531	0.633	<	U	0.633	0.633					
Calcium	mg/kg	7300			530	530	790			630	630					
Chromium	mg/kg	21			1.1	1.1	6.8			1.3	1.3					
Cobalt	mg/kg	5.3	<	U	5.3	5.3	6.3	<	U	6.3	6.3					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	17SS23					17SS24					17SS24				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
		Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
		Sample Depth:	2.5 - 3					.0 - 0.5					2.5 - 3				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																	
2,4-Dinitrotoluene	mg/kg		.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2,6-Dinitrotoluene	mg/kg		.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg		.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg		.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
HMX	mg/kg		.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Nitrobenzene	mg/kg		.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
RDX	mg/kg		.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Tetryl	mg/kg		.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	UJ	.1	.1
m-Nitrotoluene	mg/kg		.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg		.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg		.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
GEN CHEMISTRY																	
Chloride	mg/kg																
Nitrate	mg/kg																
Nitrite	mg/kg																
Sulfate	mg/kg																
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																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS25					17SS25					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(0-0.5)					17SS25(2.5-3)					C-17SS26(0-0.5)-9807				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.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	.75			.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2,6-Dinitrotoluene	mg/kg	.75			.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Tetryl	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																					
Location Code:		17SS26					17SS26					17SS26				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
Sample Date:		11-JUL-98					20-AUG-98					20-AUG-98				
Sample Depth:		1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.1	<	U	.1	.1										
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1										
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05										
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05										
HMX	mg/kg	.1	<	U	.1	.1										
Nitrobenzene	mg/kg	.1	<	U	.1	.1										
RDX	mg/kg	.1	<	U	.1	.1										
Tetryl	mg/kg	.1	<	U	.1	.1										
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1										
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1										
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1										
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg						10000			22	22	9100			23	23
Antimony	mg/kg						6.46	<	UJ	6.46	6.46	6.8	<	UJ	6.8	6.8
Arsenic	mg/kg						2.46			1.08	1.08	2.24			1.13	1.13
Barium	mg/kg						130			22	22	960			23	23
Beryllium	mg/kg						0.538	<	U	0.538	0.538	0.567	<	U	0.567	0.567
Boron	mg/kg															
Cadmium	mg/kg						0.538	<	U	0.538	0.538	0.567	<	U	0.567	0.567
Calcium	mg/kg						600			540	540	570	<	U	570	570
Chromium	mg/kg						9.8			1.1	1.1	10			1.1	1.1
Cobalt	mg/kg						5.4	<	U	5.4	5.4	5.7	<	U	5.7	5.7

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS27					17SS27					17SS28				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.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	.62			.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2,6-Dinitrotoluene	mg/kg	.62			.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.64			.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	.64			.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Tetryl	mg/kg	.1	<	UJ	.1	.1	.1	<	UJ	.1	.1	.1	<	UJ	.1	.1
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS28					17SS29					17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	3.4			.1	.1	.1	<	U	.1	.1
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	3.4			.1	.1	.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Tetryl	mg/kg	.1	<	UJ	.1	.1	.1	<	UJ	.1	.1	.1	<	UJ	.1	.1
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SS31					17SS31					17SS31				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS31(0-0.5)					17SS31(2.5-3)					17SS31(2.5-3)QC				
Sample Date:		14-JUL-98					14-JUL-98					14-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Tetryl	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:		17WW01					18SD03					18SD04				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
Sample Date:		16-MAY-93					02-MAY-93					02-MAY-93				
Sample Depth:		.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	.96			.3	-99	.33	<	U	.33	-99	.34	<	U	.34	-99
2,6-Dinitrotoluene	mg/kg	.75			.31	-99	.34	<	U	.34	-99	.35	<	U	.35	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.72		J	.3	-99	.33	<	U	.33	-99	.34	<	U	.34	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.49		J	.3	-99	.33	<	U	.33	-99	.34	<	U	.34	-99
HMX	mg/kg	2.7	<	U	2.7	-99	2.9	<	U	2.9	-99	3	<	U	3	-99
Nitrobenzene	mg/kg	.31	<	U	.31	-99	.34	<	U	.34	-99	.35	<	U	.35	-99
RDX	mg/kg	1.2	<	U	1.2	-99	1.3	<	U	1.3	-99	1.3	<	U	1.3	-99
Tetryl	mg/kg	.79	<	U	.79	-99	.85	<	U	.85	-99	.87	<	U	.87	-99
m-Nitrotoluene	mg/kg	.3	<	U	.3	-99	.33	<	U	.33	-99	.34	<	U	.34	-99
o-Nitrotoluene	mg/kg	.3	<	U	.3	-99	.33	<	U	.33	-99	.34	<	U	.34	-99
p-Nitrotoluene	mg/kg	.3	<	U	.3	-99	.33	<	U	.33	-99	.34	<	U	.34	-99
GEN CHEMISTRY																
Chloride	mg/kg	10.7			2.4	-99	2.7	<	U	2.7	-99	2.7	<	U	2.7	-99
Nitrate	mg/kg	0.12	<	U	0.12	-99	0.09			0.07	-99	0.41			0.07	-99
Nitrite	mg/kg															
Sulfate	mg/kg	62.1			2.4	-99	13.8			2.7	-99	10.7			2.7	-99
pH	STD UNIT	4.48			0	0	5.32			0	0	5.34			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.19	<	UJ	1.19	-99	1.35	<	U	1.35	-99	1.37	<	U	1.37	-99
Arsenic	mg/kg	3.64			1.19	-99	1.35	<	U	1.35	-99	1.37	<	U	1.37	-99
Barium	mg/kg	834			11.9	-99	109		J	13.5	-99	198		J	13.7	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.19	<	U	1.19	-99	1.35	<	U	1.35	-99	1.37	<	U	1.37	-99
Calcium	mg/kg															
Chromium	mg/kg	59.6			1.19	-99	14.4			1.35	-99	32.7			1.37	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD05					18SD06					18SD06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.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	.32	<	U	.32	-99	.41	<	U	.41	-99					
2,6-Dinitrotoluene	mg/kg	.34	<	U	.34	-99	.43	<	U	.43	-99					
2-Amino-4,6-dinitrotoluene	mg/kg	.32	<	U	.32	-99	.41	<	U	.41	-99					
4-Amino-2,6-dinitrotoluene	mg/kg	.32	<	U	.32	-99	.41	<	U	.41	-99					
HMX	mg/kg	2.8	<	U	2.8	-99	3.6	<	U	3.6	-99					
Nitrobenzene	mg/kg	.34	<	U	.34	-99	.43	<	U	.43	-99					
RDX	mg/kg	1.3	<	U	1.3	-99	1.7	<	U	1.7	-99					
Tetryl	mg/kg	.84	<	U	.84	-99	1.1	<	U	1.1	-99					
m-Nitrotoluene	mg/kg	.32	<	U	.32	-99	.41	<	U	.41	-99					
o-Nitrotoluene	mg/kg	.32	<	U	.32	-99	.41	<	U	.41	-99					
p-Nitrotoluene	mg/kg	.32	<	U	.32	-99	.41	<	U	.41	-99					
GEN CHEMISTRY																
Chloride	mg/kg	2.6	<	U	2.6	-99	3.2	<	U	3.2	-99	3.1	<	U	3.1	-99
Nitrate	mg/kg	0.72			0.06	-99	0.08	<	U	0.08	-99	0.08	<	U	0.08	-99
Nitrite	mg/kg															
Sulfate	mg/kg	6.2			2.6	-99	10.3			3.2	-99	5.7			3.1	-99
pH	STD UNIT	6.79			0	0	5.48			0	0	5.53			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.28	<	U	1.28	-99	1.59	<	U	1.59	-99	1.54	<	U	1.54	-99
Arsenic	mg/kg	1.28	<	U	1.28	-99	1.59	<	U	1.59	-99	1.54	<	U	1.54	-99
Barium	mg/kg	307		J	12.8	-99	194		J	15.9	-99	172		J	15.4	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.28	<	U	1.28	-99	1.59	<	U	1.59	-99	1.54	<	U	1.54	-99
Calcium	mg/kg															
Chromium	mg/kg	28.3			1.28	-99	31.9			1.59	-99	40.9			1.54	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:		18SD07					18SD07					18SD08				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
Sample Date:		02-MAY-93					02-MAY-93					02-MAY-93				
Sample Depth:		.0 - 0.5					.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	.34	<	U	.34	-99	.31	<	U	.31	-99	.37	<	U	.37	-99
2,6-Dinitrotoluene	mg/kg	.35	<	U	.35	-99	.32	<	U	.32	-99	.38	<	U	.38	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	.37	<	U	.37	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	.37	<	U	.37	-99
HMX	mg/kg	3	<	U	3	-99	2.7	<	U	2.7	-99	3.2	<	U	3.2	-99
Nitrobenzene	mg/kg	.35	<	U	.35	-99	.32	<	U	.32	-99	.38	<	U	.38	-99
RDX	mg/kg	1.3	<	U	1.3	-99	1.2	<	U	1.2	-99	1.5	<	U	1.5	-99
Tetryl	mg/kg	.87	<	U	.87	-99	.81	<	U	.81	-99	.95	<	U	.95	-99
m-Nitrotoluene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	.37	<	U	.37	-99
o-Nitrotoluene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	.37	<	U	.37	-99
p-Nitrotoluene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	.37	<	U	.37	-99
GEN CHEMISTRY																
Chloride	mg/kg	2.7	<	U	2.7	-99						3	<	U	3	-99
Nitrate	mg/kg	0.07	<	U	0.07	-99						0.08	<	U	0.08	-99
Nitrite	mg/kg															
Sulfate	mg/kg	9.4			2.7	-99						8.2			3	-99
pH	STD UNIT	6.46			0	0						5.7			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.35	<	U	1.35	-99						1.49	<	U	1.49	-99
Arsenic	mg/kg	1.35	<	U	1.35	-99						1.49	<	U	1.49	-99
Barium	mg/kg	229		J	13.5	-99						102		J	14.9	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.35	<	U	1.35	-99						1.49	<	U	1.49	-99
Calcium	mg/kg															
Chromium	mg/kg	53.2			1.35	-99						18.3			1.49	-99
Cobalt	mg/kg															

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

	Location Code:	18SD09					18SD10					18SD11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.53	<	R	1.53	-99	2.27	<	R	2.27	-99	1.35	<	R	1.35	-99
Arsenic	mg/kg	1.23			0.77	-99	3.63			1.13	-99	2.02			0.67	-99
Barium	mg/kg	112.6			1.53	-99	239.9			2.27	-99	79.7			1.35	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.77	<	U	0.77	-99	1.13	<	U	1.13	-99	0.67	<	U	0.67	-99
Calcium	mg/kg															
Chromium	mg/kg	8.51			1.53	-99	19.1			2.27	-99	8.21			1.35	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD29					18SS01					18SS02								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)								
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
EXPLOSIVES																				
2,4-Dinitrotoluene	mg/kg	.1	<	U	.1	.1														
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1														
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05														
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05														
HMX	mg/kg	.1	<	U	.1	.1														
Nitrobenzene	mg/kg	.1	<	U	.1	.1														
RDX	mg/kg	.1	<	U	.1	.1														
Tetryl	mg/kg	.1	<	U	.1	.1														
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1														
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1														
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1														
GEN CHEMISTRY																				
Chloride	mg/kg																			
Nitrate	mg/kg																			
Nitrite	mg/kg																			
Sulfate	mg/kg																			
pH	STD UNIT																			
METALS																				
Aluminum	mg/kg	5800			27	27														
Antimony	mg/kg	8	<	U	8	8	1.24	<	R	1.24	-99	1.28	<	R	1.28	-99				
Arsenic	mg/kg	2.09			1.33	1.33	6.2	<	U	6.2	-99	1.8			0.64	-99				
Barium	mg/kg	130			27	27	755.3			1.24	-99	190.8			1.28	-99				
Beryllium	mg/kg	0.667	<	U	0.667	0.667														
Boron	mg/kg																			
Cadmium	mg/kg	0.667	<	U	0.667	0.667	0.62	<	U	0.62	-99	0.64	<	U	0.64	-99				
Calcium	mg/kg	1100			670	670														
Chromium	mg/kg	15			1.3	1.3	11.1			1.24	-99	9.33			1.28	-99				
Cobalt	mg/kg	6.7	<	U	6.7	6.7														

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS03					18SS05					18SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
	Sample Date:	17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.4	<	R	1.4	-99	1.26	<	R	1.26	-99	1.17	<	R	1.17	-99
Arsenic	mg/kg	7	<	U	7	-99	1.76		J	0.63	-99	2.1			0.58	-99
Barium	mg/kg	1030			1.4	-99	88.3			1.26	-99	109			1.17	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.7	<	U	0.7	-99	0.93		J	0.63	-99	0.58	<	U	0.58	-99
Calcium	mg/kg															
Chromium	mg/kg	19			1.4	-99	5.98			1.26	-99	11			1.17	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 0				
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.15	<	R	1.15	-99	1.16	<	R	1.16	-99	1.18	<	R	1.18	-99
Arsenic	mg/kg	1.39			0.58	-99	7.54			0.58	-99	2.49		J	0.59	-99
Barium	mg/kg	459.7			1.15	-99	131.4			1.16	-99	363.6			1.18	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.58	<	U	0.58	-99	0.58	<	U	0.58	-99	0.59	<	UJ	0.59	-99
Calcium	mg/kg															
Chromium	mg/kg	9.43			1.15	-99	13.4			1.16	-99	16.4			1.18	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS10					18SS11					18SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.19	<	R	1.19	-99	1.16	<	R	1.16	-99	1.19	<	R	1.19	-99
Arsenic	mg/kg	0.6	<	U	0.6	-99	5.78	<	U	5.78	-99	2.86			0.6	-99
Barium	mg/kg	453			1.19	-99	115.4			1.16	-99	129.7			1.19	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.6	<	U	0.6	-99	0.58	<	U	0.58	-99	0.6	<	U	0.6	-99
Calcium	mg/kg															
Chromium	mg/kg	14.7			1.19	-99	12.3			1.16	-99	13.1			1.19	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS12					18SS13					18SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
	Sample Date:	05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.18	<	U	1.18	-99	1.82	<	R	1.82	-99	1.4	<	R	1.4	-99
Arsenic	mg/kg	2.7			0.59	-99	9.09	<	U	9.09	-99	0.7	<	U	0.7	-99
Barium	mg/kg	120.9			1.18	-99	115.2			1.82	-99	65.8			1.4	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.59	<	U	0.59	-99	0.91	<	U	0.91	-99	0.7	<	U	0.7	-99
Calcium	mg/kg															
Chromium	mg/kg	11.7			1.18	-99	6.42			1.82	-99	6.08			1.4	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS15					18SS16					18SS17				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)				
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.33	<	R	1.33	-99	1.26	<	R	1.26	-99	1.18	<	R	1.18	-99
Arsenic	mg/kg	2.26			0.66	-99	3.27		J	0.63	-99	2.36			0.59	-99
Barium	mg/kg	151.9			1.33	-99	103			1.26	-99	69.5			1.18	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.66	<	U	0.66	-99	0.63	<	UJ	0.63	-99	0.59	<	U	0.59	-99
Calcium	mg/kg															
Chromium	mg/kg	14.4			1.33	-99	10.2			1.26	-99	13.4			1.18	-99
Cobalt	mg/kg															

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

Report Date: 11/15/04

	Location Code:	18SS18					18SS19					18SS20				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)				
	Sample Date:	18-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.45	<	R	1.45	-99	1.15	<	R	1.15	-99	1.28	<	R	1.28	-99
Arsenic	mg/kg	1.73			0.72	-99	2.3		J	0.57	-99	0.64	<	UJ	0.64	-99
Barium	mg/kg	131.3			1.45	-99	125.4			1.15	-99	259.5			1.28	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.72	<	U	0.72	-99	0.57	<	UJ	0.57	-99	0.64	<	UJ	0.64	-99
Calcium	mg/kg															
Chromium	mg/kg	18.8			1.45	-99	17.2			1.15	-99	14.4			1.28	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS21					18SS21					18SS22								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)								
	Sample Date:	18-MAR-95					18-MAR-95					18-MAR-95								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
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																				
Chloride	mg/kg																			
Nitrate	mg/kg																			
Nitrite	mg/kg																			
Sulfate	mg/kg																			
pH	STD UNIT																			
METALS																				
Aluminum	mg/kg																			
Antimony	mg/kg	1.21	<	R	1.21	-99	1.28	<	U	1.28	-99	1.3	<	R	1.3	-99				
Arsenic	mg/kg	1.09		J	0.6	-99	3.59			0.64	-99	2.59		J	0.65	-99				
Barium	mg/kg	97.1			1.21	-99	107.2			1.28	-99	140.4			1.3	-99				
Beryllium	mg/kg																			
Boron	mg/kg																			
Cadmium	mg/kg	0.6	<	UJ	0.6	-99	0.64	<	UJ	0.64	-99	0.65	<	UJ	0.65	-99				
Calcium	mg/kg																			
Chromium	mg/kg	6.47			1.21	-99	7.78			1.28	-99	11.9			1.3	-99				
Cobalt	mg/kg																			

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS23					18SS24					18SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
	Sample Date:	05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.25	<	R	1.25	-99	1.22	<	R	1.22	-99	1.17	<	R	1.17	-99
Arsenic	mg/kg	9.28			1.25	-99	1.71			0.61	-99	4.66		J	0.58	-99
Barium	mg/kg	86.3			1.25	-99	120.2			1.22	-99	82.4			1.17	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.63	<	U	0.63	-99	0.61	<	U	0.61	-99	0.58	<	UJ	0.58	-99
Calcium	mg/kg															
Chromium	mg/kg	9.17			1.25	-99	9.32			1.22	-99	14			1.17	-99
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
2,4-Dinitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
2,6-Dinitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
HMX	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.47			.21	-99
Nitrobenzene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
RDX	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
Tetryl	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
m-Nitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
o-Nitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
p-Nitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
2,4-Dinitrotoluene	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
2,6-Dinitrotoluene	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
HMX	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.81			.21	-99
Nitrobenzene	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
RDX	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
Tetryl	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
m-Nitrotoluene	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
o-Nitrotoluene	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
p-Nitrotoluene	mg/kg	.22	<	U	.22	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		COE17-07					COE17-08					COE17-09				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		COE17-07-01					COE17-08-01					COE17-09-01				
Sample Date:		01-SEP-98					01-SEP-98					01-SEP-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																
2,4-Dinitrotoluene	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99	.21	<	U	.21	-99
2,6-Dinitrotoluene	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99	.21	<	U	.21	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.21	<	U	.21	-99	.54			.22	-99	.21	<	U	.21	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.21	<	U	.21	-99	.51			.22	-99	.21	<	U	.21	-99
HMX	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99	8.3			.21	-99
Nitrobenzene	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99	.21	<	U	.21	-99
RDX	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99	.21	<	U	.21	-99
Tetryl	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99	.21	<	U	.21	-99
m-Nitrotoluene	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99	.21	<	U	.21	-99
o-Nitrotoluene	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99	.21	<	U	.21	-99
p-Nitrotoluene	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99	.21	<	U	.21	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		COE17-10					COE17-11					COE17-12				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		COE17-10-01					COE17-11-01					COE17-12-01				
Sample Date:		01-SEP-98					01-SEP-98					01-SEP-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																
2,4-Dinitrotoluene	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
2,6-Dinitrotoluene	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
HMX	mg/kg	.23	<	U	.23	-99	12			.24	-99	.22	<	U	.22	-99
Nitrobenzene	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
RDX	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
Tetryl	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
m-Nitrotoluene	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
o-Nitrotoluene	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
p-Nitrotoluene	mg/kg	.23	<	U	.23	-99	.24	<	U	.24	-99	.22	<	U	.22	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		COE17-13					COE17-14					COE17-15				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		COE17-13-01					COE17-14-01					COE17-15-01				
Sample Date:		01-SEP-98					01-SEP-98					01-SEP-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																
2,4-Dinitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.22	<	U	.22	-99
2,6-Dinitrotoluene	mg/kg	.21	<	U	.21	-99	27		D	.21	-99	6.8			.22	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.22	<	U	.22	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.22	<	U	.22	-99
HMX	mg/kg	5.4			.21	-99	1.3			.21	-99	.22	<	U	.22	-99
Nitrobenzene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.22	<	U	.22	-99
RDX	mg/kg	.21	<	U	.21	-99	.8			.21	-99	.22			.22	-99
Tetryl	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.22	<	U	.22	-99
m-Nitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.22	<	U	.22	-99
o-Nitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.22	<	U	.22	-99
p-Nitrotoluene	mg/kg	.21	<	U	.21	-99	.21	<	U	.21	-99	.22	<	U	.22	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		COE17-16					FWS-088					FWS-101				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		COE17-16-01					CLNWR088					CLNWR101				
Sample Date:		01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.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	.22	<	U	.22	-99										
2,6-Dinitrotoluene	mg/kg	1.6			.22	-99										
2-Amino-4,6-dinitrotoluene	mg/kg	.22	<	U	.22	-99										
4-Amino-2,6-dinitrotoluene	mg/kg	.22	<	U	.22	-99										
HMX	mg/kg	.6			.22	-99										
Nitrobenzene	mg/kg	.22	<	U	.22	-99										
RDX	mg/kg	.22	<	U	.22	-99										
Tetryl	mg/kg	.22	<	U	.22	-99										
m-Nitrotoluene	mg/kg	.22	<	U	.22	-99										
o-Nitrotoluene	mg/kg	.22	<	U	.22	-99										
p-Nitrotoluene	mg/kg	.22	<	U	.22	-99										
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg						10180		nv	10.5		1983		nv	10.1	
Antimony	mg/kg															
Arsenic	mg/kg						4.61		nv	.526		2.06		nv	.505	
Barium	mg/kg						185		nv	1.05		89.1		nv	1.01	
Beryllium	mg/kg						.992		nv	.21		.416		nv	.202	
Boron	mg/kg						2.11	<	nv	2.11		2.02	<	nv	2.02	
Cadmium	mg/kg						.362		nv	.263		.252	<	nv	.252	
Calcium	mg/kg															
Chromium	mg/kg						11.4		nv	1.05		14.9		nv	1.01	
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-108					FWS-119					FWS-123				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR108					CLNWR119					CLNWR123				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	12690		nv	10.3		6672		nv	10.3		2649		nv	11	
Antimony	mg/kg															
Arsenic	mg/kg	2.73		nv	.517		3.22		nv	.517		1.34		nv	.55	
Barium	mg/kg	107		nv	1.03		122		nv	1.03		82		nv	1.1	
Beryllium	mg/kg	.695		nv	.207		.908		nv	.207		.604		nv	.22	
Boron	mg/kg	2.07	<	nv	2.07		2.07	<	nv	2.07		2.2	<	nv	2.2	
Cadmium	mg/kg	.259	<	nv	.259		.387		nv	.259		.275	<	nv	.275	
Calcium	mg/kg															
Chromium	mg/kg	15.2		nv	1.03		9.1		nv	1.03		9.91		nv	1.1	
Cobalt	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-124					LH-S114-01					LH-S114-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1				
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg						.33	<	U	.33	.33	.33	<	U	.33	.33
2,6-Dinitrotoluene	mg/kg						.33	<	U	.33	.33	.33	<	U	.33	.33
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	2983		nv	10.3		9150			-99	-99	11100			-99	-99
Antimony	mg/kg						3	<	U	3	3	3	<	U	3	3
Arsenic	mg/kg	1.54		nv	.514		2.7			-99	-99	2.6			-99	-99
Barium	mg/kg	160		nv	1.03		75			-99	-99	60.5			-99	-99
Beryllium	mg/kg	.969		nv	.206											
Boron	mg/kg	2.05	<	nv	2.05											
Cadmium	mg/kg	.257	<	nv	.257		1	<	U	1	1	1	<	U	1	1
Calcium	mg/kg						283			-99	-99	999			-99	-99
Chromium	mg/kg	8.88		nv	1.03		15.3			-99	-99	13.9			-99	-99
Cobalt	mg/kg						3.8			-99	-99	5.1			-99	-99

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

Report Date: 11/15/04

	Location Code:	LH-S115-01					LH-S115-02					LH-S115-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
	Sample Date:	04-AUG-93					04-AUG-93					04-AUG-93				
User Test Group	*Sample Depth:*	.5 - 1					.6 - 2.6					.6 - 2.6				
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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	4950			-99	-99	6870			-99	-99	9470			-99	-99
Antimony	mg/kg	3	<	U	3	3	3	<	U	3	3	3	<	U	3	3
Arsenic	mg/kg	1.8			-99	-99	1.9			-99	-99	2.1			-99	-99
Barium	mg/kg	70			-99	-99	26			-99	-99	29			-99	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Calcium	mg/kg	535			-99	-99	1070			-99	-99	1070			-99	-99
Chromium	mg/kg	7			-99	-99	12			-99	-99	12			-99	-99
Cobalt	mg/kg	1	<	U	1	1	1	<	U	1	1	1			-99	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS01					STEP-17SS01					STEP-17SS01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(0-0.5)-020306					17SS01(00.5)0203FD					17SS01(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS03					STEP-17SS04					STEP-17SS04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS03(1-2)-020306					17SS04(0-0.5)-020306					17SS04(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS07					STEP-17SS08					STEP-17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS07(1-2)-020306					17SS08(0-0.5)-020306					17SS08(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS10					STEP-17SS11					STEP-17SS11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS10(1-2)-020306					17SS11(0-0.5)-020306					17SS11(00.5)0203FD				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

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

	Location Code:	STEP-17SS11					STEP-17SS12					STEP-17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS11(1-2)-020306					17SS12(0-0.5)-020306					17SS12(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS13					STEP-17SS13					STEP-17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(0-0.5)-020307					17SS13(1-2)-020307					17SS14(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS14					STEP-17SS15					STEP-17SS15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(1-2)-020307					17SS15(0-0.5)-020307					17SS15(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS20					STEP-17SS20					STEP-17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(0-0.5)-020307					17SS20(1-2)-020307					17SS21(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS21					STEP-17SS21					STEP-17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS22					STEP-17SS23					STEP-17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(1-2)-020307					17SS23(0-0.5)-020307					17SS23(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS25					STEP-17SS26					STEP-17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS26					STEP-17SS27					STEP-17SS27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS26(1-2)-020307					17SS27(0-0.5)-020307					17SS27(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS33					STEP-17SS34					STEP-17SS34				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS33(1-2)-020307					17SS34(0-0.5)-020308					17SS34(1-2)-020308				
	Sample Date:	07-MAR-02					08-MAR-02					08-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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																
Chloride	mg/kg															
Nitrate	mg/kg															
Nitrite	mg/kg															
Sulfate	mg/kg															
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															

	Location Code:	STEP-17SS37					
	Associated Site:	Waste Sub-Area					
	Sample No:	17SS37(1-2)-020308					
	Sample Date:	08-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							
Chloride	mg/kg						
Nitrate	mg/kg						
Nitrite	mg/kg						
Sulfate	mg/kg						
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						

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB01					12SB06					12SB06					
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area					
	Sample No:	12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)					
	Sample Date:	01-JUN-93					31-MAY-00					31-MAY-00					
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																	
Copper	mg/kg																
Iron	mg/kg																
Lead	mg/kg	21.1			1.15	-99											
Magnesium	mg/kg																
Manganese	mg/kg																
Mercury	mg/kg	0.11	<	U	0.11	-99											
Molybdenum	mg/kg																
Nickel	mg/kg	4.75			1.15	-99											
Potassium	mg/kg																
Selenium	mg/kg	1.15	<	U	1.15	-99											
Silver	mg/kg	1.15	<	U	1.15	-99											
Sodium	mg/kg																
Strontium	mg/kg																
Thallium	mg/kg	1.15	<	U	1.15	-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						46.7			5.51	5.51	6.06	<	U	6.06	6.06	

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12SB08					12SB09					12WW01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB08(0-0.5)					12SB09(0-0.5)					12WW01(0-2)				
	Sample Date:	31-MAY-00					31-MAY-00					27-APR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg											7.28			1.23	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg											0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg											5.01		J	1.23	-99
Potassium	mg/kg															
Selenium	mg/kg											1.23	<	UJ	1.23	-99
Silver	mg/kg											1.23	<	U	1.23	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg											1.23	<	U	1.23	-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	5.82	<	U	5.82	5.82	5.64	<	U	5.64	5.64					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12WW02					12WW02					12WW02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02				
	Sample Date:	04-FEB-88					04-FEB-90					28-APR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg											9.59			1.2	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg											0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg											9.27		J	1.2	-99
Potassium	mg/kg															
Selenium	mg/kg											1.2	<	UJ	1.2	-99
Silver	mg/kg											1.31			1.2	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg											1.2	<	U	1.2	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		12WW05					12WW07					16SB11				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
Sample Date:		19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	16.7			1.33	-99	6.43			1.18	-99					
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.13	<	U	0.13	-99	0.12	<	U	0.12	-99					
Molybdenum	mg/kg															
Nickel	mg/kg	6.22			1.33	-99	4.72			1.18	-99					
Potassium	mg/kg															
Selenium	mg/kg	1.33	<	U	1.33	-99	1.18	<	U	1.18	-99					
Silver	mg/kg	1.33	<	U	1.33	-99	1.18	<	U	1.18	-99					
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.33	<	U	1.33	-99	1.18	<	U	1.18	-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											6.16	<	U	6.16	6.16

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

Report Date: 11/15/04

	Location Code:	16SB11					16SD02					16SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)				
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 1					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg											6.1			0.69	-99
Iron	mg/kg															
Lead	mg/kg						17.3			1.27	-99	7.87			0.69	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg						0.13	<	U	0.13	-99	0.14	<	U	0.14	-99
Molybdenum	mg/kg															
Nickel	mg/kg						10.3			1.27	-99	7.75			1.38	-99
Potassium	mg/kg															
Selenium	mg/kg						1.27	<	UJ	1.27	-99	1.38	<	U	1.38	-99
Silver	mg/kg						1.27	<	U	1.27	-99	1.38	<	U	1.38	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg						1.27	<	U	1.27	-99	0.69	<	U	0.69	-99
Vanadium	mg/kg															
Zinc	mg/kg											28.9			0.41	-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	6.47	<	U	6.47	6.47										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16SD11					16WW27					16WW27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC				
	Sample Date:	28-FEB-95					17-MAY-97					17-MAY-97				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	6.1			0.65	-99	5.5			3.2	-99					
Iron	mg/kg						10200			12.8	-99					
Lead	mg/kg	9.99			0.65	-99	12.1			0.38	-99					
Magnesium	mg/kg						1030			641	-99					
Manganese	mg/kg						1270			1.9	-99					
Mercury	mg/kg	0.13	<	U	0.13	-99	0.051			0.042	-99					
Molybdenum	mg/kg															
Nickel	mg/kg	8.2			1.3	-99	9			5.1	-99					
Potassium	mg/kg						570			641	-99					
Selenium	mg/kg	0.65	<	U	0.65	-99	0.64	<	U	0.64	-99					
Silver	mg/kg	1.3	<	U	1.3	-99	1.3	<	U	1.3	-99					
Sodium	mg/kg						68.5			641	-99					
Strontium	mg/kg						34.1			6.4	-99					
Thallium	mg/kg	0.65	<	U	0.65	-99	0.24			1.3	-99					
Vanadium	mg/kg						16			6.4	-99					
Zinc	mg/kg	29.4			0.39	-99	27.3			2.6	-99					
PCBS																
Aroclor 1016	mg/kg						.21	<	U	.21	-99					
Aroclor 1221	mg/kg						.21	<	U	.21	-99					
Aroclor 1232	mg/kg						.21	<	U	.21	-99					
Aroclor 1242	mg/kg						.21	<	U	.21	-99					
Aroclor 1248	mg/kg						.21	<	U	.21	-99					
Aroclor 1254	mg/kg						.21	<	U	.21	-99					
Aroclor 1260	mg/kg						.21	<	U	.21	-99					
PERC																
Perchlorate	ug/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW27					16WW31					16WW31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW27(1-3)					16WW31(0-0.5)					16WW31(1-3)				
	Sample Date:	17-MAY-97					29-MAY-97					29-MAY-97				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	4.3			3	-99	1.4			3	-99	2.4			3.1	-99
Iron	mg/kg	9550			12	-99	19400			12.1	-99	23500			12.3	-99
Lead	mg/kg	7.6			0.36	-99	14.3			0.36	-99	8			0.37	-99
Magnesium	mg/kg	743			601	-99	179			605	-99	474			613	-99
Manganese	mg/kg	204			1.8	-99	893			1.8	-99	45.4			1.8	-99
Mercury	mg/kg	0.04	<	U	0.04	-99	0.023			0.04	-99	0.04	<	U	0.04	-99
Molybdenum	mg/kg															
Nickel	mg/kg	4.8		U	4.8	-99	6.1			4.8	-99	5.9			4.9	-99
Potassium	mg/kg	481			601	-99	605	<	U	605	-99	613	<	U	613	-99
Selenium	mg/kg	0.6	<	U	0.6	-99	0.42	<	U	0.42	-99	0.61			0.61	-99
Silver	mg/kg	1.2	<	U	1.2	-99	1.2	<	U	1.2	-99	1.2	<	U	1.2	-99
Sodium	mg/kg	144			601	-99	21.1			605	-99	61			613	-99
Strontium	mg/kg	6.7			6	-99	2.4			6.1	-99	6			6.1	-99
Thallium	mg/kg	1.2	<	U	1.2	-99	1.2	<	U	1.2	-99	0.25			1.2	-99
Vanadium	mg/kg	14.3			6	-99	33.5			6.1	-99	38.9			6.1	-99
Zinc	mg/kg	17.3			2.4	-99	13.3			2.4	-99	11.9			2.5	-99
PCBS																
Aroclor 1016	mg/kg	.19	<	U	.19	-99	.19	<	U	.19	-99	.2	<	U	.2	-99
Aroclor 1221	mg/kg	.19	<	U	.19	-99	.19	<	U	.19	-99	.2	<	U	.2	-99
Aroclor 1232	mg/kg	.19	<	U	.19	-99	.19	<	U	.19	-99	.2	<	U	.2	-99
Aroclor 1242	mg/kg	.19	<	U	.19	-99	.19	<	U	.19	-99	.2	<	U	.2	-99
Aroclor 1248	mg/kg	.19	<	U	.19	-99	.19	<	U	.19	-99	.2	<	U	.2	-99
Aroclor 1254	mg/kg	.19	<	U	.19	-99	.19	<	U	.19	-99	.2	<	U	.2	-99
Aroclor 1260	mg/kg	.19	<	U	.19	-99	.19	<	U	.19	-99	.2	<	U	.2	-99
PERC																
Perchlorate	ug/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW35					16WW35					16WW35				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
	Sample Date:	25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	4.6			2.6	-99	4.4			2.9	-99	4.9			3.1	-99
Iron	mg/kg	17700			10.6	-99	21500			11.8	-99	14600			12.3	-99
Lead	mg/kg	7.9			0.32	-99	9.2			0.35	-99	6			0.37	-99
Magnesium	mg/kg	1020			529	-99	992			588	-99	909			617	-99
Manganese	mg/kg	40.9			1.6	-99	53.4			1.8	-99	29.2			1.9	-99
Mercury	mg/kg	0.02			0.011	-99	0.03			0.01	-99	0.04			0.012	-99
Molybdenum	mg/kg															
Nickel	mg/kg	10.4			4.2	-99	9.7			4.7	-99	7			4.9	-99
Potassium	mg/kg	1070			529	-99	974			588	-99	551			617	-99
Selenium	mg/kg	1			0.53	-99	1.4			0.59	-99	1			0.62	-99
Silver	mg/kg	1.1	<	UJ	1.1	-99	1.2	<	UJ	1.2	-99	1.2	<	UJ	1.2	-99
Sodium	mg/kg	63.6			529	-99	48.3			588	-99	97.3			617	-99
Strontium	mg/kg	11.2			5.3	-99	12.7			5.9	-99	10.3			6.2	-99
Thallium	mg/kg	1.1	<	U	1.1	-99	1.2	<	U	1.2	-99	1.2	<	U	1.2	-99
Vanadium	mg/kg	30.6			5.3	-99	33			5.9	-99	20			6.2	-99
Zinc	mg/kg	22.2			2.1	-99	20.9			2.4	-99	18.3			2.5	-99
PCBS																
Aroclor 1016	mg/kg	.167	<	U	.167	-99	.186	<	U	.186	-99	.195	<	U	.195	-99
Aroclor 1221	mg/kg	.167	<	U	.167	-99	.186	<	U	.186	-99	.195	<	U	.195	-99
Aroclor 1232	mg/kg	.167	<	U	.167	-99	.186	<	U	.186	-99	.195	<	U	.195	-99
Aroclor 1242	mg/kg	.167	<	U	.167	-99	.186	<	U	.186	-99	.195	<	U	.195	-99
Aroclor 1248	mg/kg	.167	<	U	.167	-99	.186	<	U	.186	-99	.195	<	U	.195	-99
Aroclor 1254	mg/kg	.167	<	U	.167	-99	.186	<	U	.186	-99	.195	<	U	.195	-99
Aroclor 1260	mg/kg	.167	<	U	.167	-99	.186	<	U	.186	-99	.195	<	U	.195	-99
PERC																
Perchlorate	ug/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		16WW37					16WW37					17SB01				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)				
Sample Date:		31-MAY-97					31-MAY-97					15-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	6.7			3.1	-99	6.7			3.2	-99					
Iron	mg/kg	10100			12.4	-99	26000			12.7	-99					
Lead	mg/kg	21.8			0.37	-99	13.1			0.38	-99	11.4			1.25	-99
Magnesium	mg/kg	688			622	-99	1420			635	-99					
Manganese	mg/kg	1060			1.9	-99	75.7			1.9	-99					
Mercury	mg/kg	0.062			0.041	-99	0.051			0.042	-99	0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg	8.2			5	-99	13.7			5.1	-99	7.42			1.25	-99
Potassium	mg/kg	846			622	-99	1560			635	-99					
Selenium	mg/kg	0.62	<	U	0.62	-99	0.74			0.64	-99	1.25	<	U	1.25	-99
Silver	mg/kg	0.55			1.2	-99	1.3	<	U	1.3	-99	1.25	<	U	1.25	-99
Sodium	mg/kg	42.8			124	-99	44.1			127	-99					
Strontium	mg/kg	62.7			6.2	-99	26.7			6.4	-99					
Thallium	mg/kg	1.2	<	U	1.2	-99	0.18			1.3	-99	1.25	<	U	1.25	-99
Vanadium	mg/kg	22.5			6.2	-99	43.3			6.4	-99					
Zinc	mg/kg	38.9			2.5	-99	27.3			2.5	-99					
PCBS																
Aroclor 1016	mg/kg	.2	<	U	.2	-99	.2	<	U	.2	-99					
Aroclor 1221	mg/kg	.2	<	U	.2	-99	.2	<	U	.2	-99					
Aroclor 1232	mg/kg	.2	<	U	.2	-99	.2	<	U	.2	-99					
Aroclor 1242	mg/kg	.2	<	U	.2	-99	.2	<	U	.2	-99					
Aroclor 1248	mg/kg	.2	<	U	.2	-99	.2	<	U	.2	-99					
Aroclor 1254	mg/kg	.2	<	U	.2	-99	.2	<	U	.2	-99					
Aroclor 1260	mg/kg	.2	<	U	.2	-99	.2	<	U	.2	-99					
PERC																
Perchlorate	ug/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SB01					17SB02					17SB03				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SB01(02)					17SB02(0-2)					17SB03(0-2)				
Sample Date:		15-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	9.38			1.2	-99	54.6			1.15	-99	14.8		J	1.2	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.12	<	U	0.12	-99	0.11	<	U	0.11	-99	0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg	8.67			1.2	-99	9.11			1.15	-99	10.5			1.2	-99
Potassium	mg/kg															
Selenium	mg/kg	1.2	<	U	1.2	-99	1.15	<	U	1.15	-99	1.2	<	U	1.2	-99
Silver	mg/kg	1.2	<	U	1.2	-99	1.15	<	U	1.15	-99	1.31			1.2	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.2	<	U	1.2	-99	1.15	<	U	1.15	-99	4.8			1.2	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB03					17SB04					17SB05				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)				
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg						597			1.25	-99	12.9			1.25	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg						0.23			0.12	-99	0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg						34			1.25	-99	18.2			1.25	-99
Potassium	mg/kg															
Selenium	mg/kg						1.25	<	U	1.25	-99	1.25	<	U	1.25	-99
Silver	mg/kg						1.78			1.25	-99	1.25	<	UJ	1.25	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg						1.25	<	U	1.25	-99	1.25	<	U	1.25	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB06					17SB07					17SB09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
	Sample Date:	15-MAY-93					16-MAY-93					30-MAY-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																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	47			1.08	-99	8.6			1.22	-99					
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.11	<	U	0.11	-99	0.12	<	U	0.12	-99					
Molybdenum	mg/kg															
Nickel	mg/kg	9.68			1.08	-99	9.47			1.22	-99					
Potassium	mg/kg															
Selenium	mg/kg	1.08	<	U	1.08	-99	1.22	<	U	1.22	-99					
Silver	mg/kg	1.08	<	U	1.08	-99	1.22	<	UJ	1.22	-99					
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.08	<	U	1.08	-99	1.22	<	U	1.22	-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											616			5.17	5.17

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

	Location Code:	17SB09					17SB10					17SB10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
	Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
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																
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															
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	337			5.9	5.9	35.6			5.6	5.6	51.5			6.66	6.66

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD01					17SD01					17SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD01					17SD01(000.0)					17SD02				
	Sample Date:	21-APR-93					02-MAR-95					21-APR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg						8.2			0.68	-99					
Iron	mg/kg															
Lead	mg/kg	10.9			1.49	-99	8.89			3.42	-99	31.2			1.33	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.15	<	U	0.15	-99	0.14	<	U	0.14	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	5.34			1.49	-99	6.32			1.37	-99	6.96			1.33	-99
Potassium	mg/kg															
Selenium	mg/kg	1.67			1.49	-99	1.37	<	U	1.37	-99	1.33	<	U	1.33	-99
Silver	mg/kg	1.49	<	U	1.49	-99	1.37	<	U	1.37	-99	1.33	<	U	1.33	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.49	<	U	1.49	-99	0.68	<	U	0.68	-99	1.33	<	U	1.33	-99
Vanadium	mg/kg															
Zinc	mg/kg						27.4			0.41	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD02					17SD02					17SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	22.8			1	-99	24.2			0.94	-99	9.2			0.71	-99
Iron	mg/kg															
Lead	mg/kg	89.6			20.37	-99	94			18.8	-99	8.52			7.1	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.2	<	U	0.2	-99	0.19	<	U	0.19	-99	0.14	<	U	0.14	-99
Molybdenum	mg/kg															
Nickel	mg/kg	8.41			2.04	-99	6.41			1.88	-99	6.7			1.42	-99
Potassium	mg/kg															
Selenium	mg/kg	1.02		J	1.02	-99	0.94	<	U	0.94	-99	0.85		J	0.71	-99
Silver	mg/kg	2.04	<	U	2.04	-99	1.88	<	U	1.88	-99	1.42	<	U	1.42	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.02	<	U	1.02	-99	0.94	<	U	0.94	-99	0.71	<	U	0.71	-99
Vanadium	mg/kg															
Zinc	mg/kg	81.1			0.61	-99	78.8			0.56	-99	24.9			0.43	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SD05					17SD06					17SD07				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
Sample Date:		02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	7.9			0.73	-99	3.4			0.71	-99	53.1			1.4	-99
Iron	mg/kg															
Lead	mg/kg	9.53			3.67	-99	7.92			1.41	-99	228.2			35.66	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.15	<	U	0.15	-99	0.14	<	U	0.14	-99	0.28			0.14	-99
Molybdenum	mg/kg															
Nickel	mg/kg	5.53			1.47	-99	5.21			1.41	-99	13.6			2.85	-99
Potassium	mg/kg															
Selenium	mg/kg	1.47	<	U	1.47	-99	1.41	<	U	1.41	-99	1.5		J	1.43	-99
Silver	mg/kg	1.47	<	U	1.47	-99	1.41	<	U	1.41	-99	2.85	<	U	2.85	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.73	<	U	0.73	-99	0.71	<	U	0.71	-99	0.71	<	U	0.71	-99
Vanadium	mg/kg															
Zinc	mg/kg	35.8			0.44	-99	18			0.42	-99	165			0.86	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD08					17SD09					17SD10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD08(000.0)					17SD09(000.0)					17SD10				
	Sample Date:	05-MAR-95					05-MAR-95					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	19.4			0.73	-99	6.2			0.78	-99	5.99			3.62	3.62
Iron	mg/kg											8400			14	14
Lead	mg/kg	74.6			7.31	-99	15.6			7.78	-99	9.79			0.435	0.435
Magnesium	mg/kg											720	<	U	720	720
Manganese	mg/kg											391			2.17	2.17
Mercury	mg/kg	0.15	<	U	0.15	-99	0.16	<	U	0.16	-99	0.14	<	U	0.14	0.14
Molybdenum	mg/kg															
Nickel	mg/kg	6.43			1.46	-99	8.86			1.56	-99	7.4			5.8	5.8
Potassium	mg/kg											970			720	720
Selenium	mg/kg	0.73	<	U	0.73	-99	0.78	<	U	0.78	-99	2.06			1.45	1.45
Silver	mg/kg	1.46	<	U	1.46	-99	1.56	<	U	1.56	-99	1.4	<	U	1.4	1.4
Sodium	mg/kg											720	<	U	720	720
Strontium	mg/kg											10			7.2	7.2
Thallium	mg/kg	0.73	<	U	0.73	-99	1.56	<	U	1.56	-99	0.724	<	U	0.724	0.724
Vanadium	mg/kg											14			7.2	7.2
Zinc	mg/kg	51.5			0.44	-99	32.8			0.47	-99	21			2.9	2.9
PCBS																
Aroclor 1016	mg/kg											.048	<	U	.048	.048
Aroclor 1221	mg/kg											.097	<	U	.097	.097
Aroclor 1232	mg/kg											.048	<	U	.048	.048
Aroclor 1242	mg/kg											.048	<	U	.048	.048
Aroclor 1248	mg/kg											.048	<	U	.048	.048
Aroclor 1254	mg/kg											.048	<	U	.048	.048
Aroclor 1260	mg/kg											.048	<	U	.048	.048
PERC																
Perchlorate	ug/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD10					17SD11					17SD12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD10QC					17SD11					17SD12				
	Sample Date:	17-SEP-98					17-SEP-98					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	4.01			3.51	3.51	31.1			3.92	3.92	7.5			3.55	3.55
Iron	mg/kg	7400			14	14	13000			16	16	6700			14	14
Lead	mg/kg	8.66			0.422	0.422	67.1			0.47	0.47	32.2			0.426	0.426
Magnesium	mg/kg	700	<	U	700	700	1700			780	780	710	<	U	710	710
Manganese	mg/kg	237			2.11	2.11	319			2.35	2.35	86.1			2.13	2.13
Mercury	mg/kg	0.14	<	U	0.14	0.14	0.16	<	U	0.16	0.16	0.14	<	U	0.14	0.14
Molybdenum	mg/kg															
Nickel	mg/kg	5.9			5.6	5.6	11			6.3	6.3	5.7	<	U	5.7	5.7
Potassium	mg/kg	840			700	700	1400			780	780	780			710	710
Selenium	mg/kg	1.71			1.41	1.41	1.94			1.57	1.57	1.42	<	U	1.42	1.42
Silver	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6	1.4	<	U	1.4	1.4
Sodium	mg/kg	700	<	U	700	700	780	<	U	780	780	710	<	U	710	710
Strontium	mg/kg	8.4			7	7	71			7.8	7.8	7.9			7.1	7.1
Thallium	mg/kg	0.703	<	U	0.703	0.703	0.784	<	U	0.784	0.784	0.709	<	U	0.709	0.709
Vanadium	mg/kg	13			7	7	20			7.8	7.8	14			7.1	7.1
Zinc	mg/kg	17			2.8	2.8	250			3.1	3.1	26			2.8	2.8
PCBS																
Aroclor 1016	mg/kg	.047	<	U	.047	.047						.047	<	U	.047	.047
Aroclor 1221	mg/kg	.094	<	U	.094	.094						.095	<	U	.095	.095
Aroclor 1232	mg/kg	.047	<	U	.047	.047						.047	<	U	.047	.047
Aroclor 1242	mg/kg	.047	<	U	.047	.047						.047	<	U	.047	.047
Aroclor 1248	mg/kg	.047	<	U	.047	.047						.047	<	U	.047	.047
Aroclor 1254	mg/kg	.047	<	U	.047	.047						.047	<	U	.047	.047
Aroclor 1260	mg/kg	.047	<	U	.047	.047						.047	<	U	.047	.047
PERC																
Perchlorate	ug/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	69.3			12.84	-99	236.4			13.91	-99	13			5.91	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.13	<	U	0.13	-99	0.14	<	U	0.14	-99	0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg	4.02			1.28	-99	7.76			1.39	-99	3.18			1.18	-99
Potassium	mg/kg															
Selenium	mg/kg	0.64	<	UJ	0.64	-99	0.83		J	0.7	-99	0.59	<	UJ	0.59	-99
Silver	mg/kg	1.28	<	U	1.28	-99	1.39	<	U	1.39	-99	1.18	<	U	1.18	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.64	<	U	0.64	-99	0.7	<	U	0.7	-99	5.91	<	U	5.91	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS04					17SS05					17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	16			13.35	-99	191			12.56	-99	39.4			12.71	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.13	<	U	0.13	-99	0.12			0.13	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	4.66			1.34	-99	30.7			1.26	-99	5.46			1.27	-99
Potassium	mg/kg															
Selenium	mg/kg	0.67		J	0.67	-99	0.75		J	0.63	-99	0.76		J	0.64	-99
Silver	mg/kg	1.34	<	U	1.34	-99	1.26	<	U	1.26	-99	1.27	<	U	1.27	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.67	<	U	0.67	-99	0.63	<	U	0.63	-99	0.64	<	U	0.64	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS09					17SS10					17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
	Sample Date:	05-MAR-95					15-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	16.2			3.24	-99	22.1		J	3.16	-99	6.25			0.64	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.13	<	U	0.13	-99	0.13			0.13	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	3.42			1.3	-99	9.73			1.26	-99	4.11			1.28	-99
Potassium	mg/kg															
Selenium	mg/kg	1.3	<	U	1.3	-99	0.76		J	0.63	-99	0.64	<	U	0.64	-99
Silver	mg/kg	1.3	<	U	1.3	-99	1.26	<	U	1.26	-99	1.28	<	U	1.28	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.65	<	U	0.65	-99	0.63	<	U	0.63	-99	0.64	<	U	0.64	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS13					17SS13					17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	29.2			15.38	-99	23			14.35	-99	120.5			6.62	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.15	<	U	0.15	-99	0.14	<	U	0.14	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	6.42			1.54	-99	7.33			1.43	-99	8.01			1.32	-99
Potassium	mg/kg															
Selenium	mg/kg	1.23			0.77	-99	1.29			0.72	-99	1.32	<	U	1.32	-99
Silver	mg/kg	1.54	<	U	1.54	-99	1.43	<	U	1.43	-99	1.32	<	U	1.32	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.77	<	U	0.77	-99	0.72	<	U	0.72	-99	0.66	<	U	0.66	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SS14					17SS15					17SS16				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
Sample Date:		01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	82.8			6.68	-99	4.77			0.68	-99	8.81			6.29	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.13	<	U	0.13	-99	0.37			0.14	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	9.15			1.34	-99	11.9			1.36	-99	4.4			1.26	-99
Potassium	mg/kg															
Selenium	mg/kg	1.34	<	U	1.34	-99	1.36	<	U	1.36	-99	1.26	<	U	1.26	-99
Silver	mg/kg	1.34	<	U	1.34	-99	1.36	<	U	1.36	-99	1.26	<	U	1.26	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.67	<	U	0.67	-99	0.68	<	U	0.68	-99	0.63	<	U	0.63	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS17					17SS18					17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
	Sample Date:	01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	26.1			7.67	-99	21.4			6.68	-99	11.1			6.18	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.15	<	U	0.15	-99	0.13	<	U	0.13	-99	0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg	7.38			1.53	-99	7.83			1.34	-99	6.39			1.24	-99
Potassium	mg/kg															
Selenium	mg/kg	1.53	<	U	1.53	-99	1.47		J	1.34	-99	0.62			0.62	-99
Silver	mg/kg	1.53	<	U	1.53	-99	1.34	<	U	1.34	-99	1.24	<	U	1.24	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.77	<	U	0.77	-99	0.67	<	U	0.67	-99	1.24	<	U	1.24	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	5.91			3.28	-99										
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.13	<	U	0.13	-99										
Molybdenum	mg/kg															
Nickel	mg/kg	2.81			1.31	-99										
Potassium	mg/kg															
Selenium	mg/kg	0.66			0.66	-99										
Silver	mg/kg	1.31	<	U	1.31	-99										
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.66	<	U	0.66	-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															

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

Report Date: 11/15/04

	Location Code:	17SS21					17SS22					17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	Sample Depth:	2.5 - 3					.0 - 0.5					1.0 - 3				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
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															
Vanadium	mg/kg															
Zinc	mg/kg															
PCBS																
Aroclor 1016	mg/kg						.035	<	U	.035	.035	.041	<	U	.041	.041
Aroclor 1221	mg/kg						.07	<	U	.07	.07	.083	<	U	.083	.083
Aroclor 1232	mg/kg						.035	<	U	.035	.035	.041	<	U	.041	.041
Aroclor 1242	mg/kg						.035	<	U	.035	.035	.041	<	U	.041	.041
Aroclor 1248	mg/kg						.035	<	U	.035	.035	.041	<	U	.041	.041
Aroclor 1254	mg/kg						.035	<	U	.035	.035	.041	<	U	.041	.041
Aroclor 1260	mg/kg						.035	<	U	.035	.035	.041	<	U	.041	.041
PERC																
Perchlorate	ug/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SS22					17SS22					17SS23				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
Sample Date:		20-AUG-98					20-AUG-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	49.9		J	2.65	2.65	7			3.16	3.16					
Iron	mg/kg	17000			11	11	10000			13	13					
Lead	mg/kg	238			0.318	0.318	10.5			0.38	0.38					
Magnesium	mg/kg	1000			530	530	870			630	630					
Manganese	mg/kg	232			1.59	1.59	32.1			1.9	1.9					
Mercury	mg/kg	0.17			0.11	0.11	0.13	<	U	0.13	0.13					
Molybdenum	mg/kg															
Nickel	mg/kg						5.1	<	U	5.1	5.1					
Potassium	mg/kg	780			530	530	810			630	630					
Selenium	mg/kg	1.11			1.06	1.06	1.27	<	U	1.27	1.27					
Silver	mg/kg	1.1	<	U	1.1	1.1	1.3	<	U	1.3	1.3					
Sodium	mg/kg	530	<	U	530	530	1200			630	630					
Strontium	mg/kg	64			5.3	5.3	30			6.3	6.3					
Thallium	mg/kg	0.531	<	U	0.531	0.531	0.633	<	U	0.633	0.633					
Vanadium	mg/kg	21			5.3	5.3	19			6.3	6.3					
Zinc	mg/kg	190			2.1	2.1	10			2.6	2.6					
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS23					17SS24					17SS24				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
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															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS25					17SS25					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(0-0.5)					17SS25(2.5-3)					C-17SS26(0-0.5)-9807				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
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															
Vanadium	mg/kg															
Zinc	mg/kg															
PCBS																
Aroclor 1016	mg/kg											.036	<	U	.036	.036
Aroclor 1221	mg/kg											.072	<	U	.072	.072
Aroclor 1232	mg/kg											.036	<	U	.036	.036
Aroclor 1242	mg/kg											.036	<	U	.036	.036
Aroclor 1248	mg/kg											.036	<	U	.036	.036
Aroclor 1254	mg/kg											.036	<	U	.036	.036
Aroclor 1260	mg/kg											.036	<	U	.036	.036
PERC																
Perchlorate	ug/kg															

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

Report Date: 11/15/04

	Location Code:	17SS26					17SS26					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
	Sample Date:	11-JUL-98					20-AUG-98					20-AUG-98				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg						9.85			2.69	2.69	6.05			2.83	2.83
Iron	mg/kg						10000			11	11	7900			11	11
Lead	mg/kg						15.6			0.323	0.323	22.1			0.34	0.34
Magnesium	mg/kg						1700			540	540	1800			570	570
Manganese	mg/kg						97.2			1.61	1.61	43.3			1.7	1.7
Mercury	mg/kg						0.11	<	U	0.11	0.11	0.11	<	U	0.11	0.11
Molybdenum	mg/kg															
Nickel	mg/kg						7.2			4.3	4.3	6			4.6	4.6
Potassium	mg/kg						1300			540	540	2300			570	570
Selenium	mg/kg						1.08	<	U	1.08	1.08	1.13	<	U	1.13	1.13
Silver	mg/kg						1.1	<	U	1.1	1.1	1.1	<	U	1.1	1.1
Sodium	mg/kg						540	<	U	540	540	570	<	U	570	570
Strontium	mg/kg						14			5.4	5.4	29			5.7	5.7
Thallium	mg/kg						0.538	<	U	0.538	0.538	0.567	<	U	0.567	0.567
Vanadium	mg/kg						17			5.4	5.4	20			5.7	5.7
Zinc	mg/kg						46			2.1	2.1	27			2.3	2.3
PCBS																
Aroclor 1016	mg/kg	.04	<	U	.04	.04										
Aroclor 1221	mg/kg	.08	<	U	.08	.08										
Aroclor 1232	mg/kg	.04	<	U	.04	.04										
Aroclor 1242	mg/kg	.04	<	U	.04	.04										
Aroclor 1248	mg/kg	.04	<	U	.04	.04										
Aroclor 1254	mg/kg	.04	<	U	.04	.04										
Aroclor 1260	mg/kg	.04	<	U	.04	.04										
PERC																
Perchlorate	ug/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	17SS27					17SS27					17SS28				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
		Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
		Sample Depth:	.0 - 0.5					2.5 - 3					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
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																
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																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS28					17SS29					17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
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															
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															

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

Report Date: 11/15/04

	Location Code:	17SS31					17SS31					17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)					17SS31(2.5-3)					17SS31(2.5-3)QC				
	Sample Date:	14-JUL-98					14-JUL-98					14-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
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															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17WW01					18SD03					18SD04				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
Sample Date:		16-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.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																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	108		J	1.19	-99	12.9			1.35	-99	19.8			1.37	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.12	<	U	0.12	-99	0.14	<	U	0.14	-99	0.14	<	U	0.14	-99
Molybdenum	mg/kg															
Nickel	mg/kg	31.1			1.19	-99	7.09		J	1.35	-99	8.86		J	1.37	-99
Potassium	mg/kg															
Selenium	mg/kg	1.19	<	U	1.19	-99	1.35	<	UJ	1.35	-99	1.37	<	UJ	1.37	-99
Silver	mg/kg	1.19	<	U	1.19	-99	1.35	<	U	1.35	-99	1.37	<	U	1.37	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.19	<	U	1.19	-99	1.35	<	U	1.35	-99	1.37	<	U	1.37	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD05					18SD06					18SD06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	30.9			1.28	-99	49.1			1.59	-99	40.5			1.54	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.13	<	U	0.13	-99	0.16	<	U	0.16	-99	0.16	<	U	0.16	-99
Molybdenum	mg/kg															
Nickel	mg/kg	8.97		J	1.28	-99	12.9		J	1.59	-99	11.1		J	1.54	-99
Potassium	mg/kg															
Selenium	mg/kg	1.28	<	UJ	1.28	-99	1.59	<	U	1.59	-99	1.54	<	UJ	1.54	-99
Silver	mg/kg	1.28	<	U	1.28	-99	1.59	<	U	1.59	-99	1.54	<	U	1.54	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.28	<	U	1.28	-99	1.84			1.59	-99	1.54	<	U	1.54	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD07					18SD07					18SD08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	15.8			1.35	-99						14.2			1.49	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.14	<	U	0.14	-99						0.15	<	U	0.15	-99
Molybdenum	mg/kg															
Nickel	mg/kg	14.6		J	1.35	-99						6.75		J	1.49	-99
Potassium	mg/kg															
Selenium	mg/kg	1.35	<	UJ	1.35	-99						1.49	<	UJ	1.49	-99
Silver	mg/kg	1.35	<	U	1.35	-99						1.49	<	U	1.49	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	2.14			1.35	-99						1.67			1.49	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD09					18SD10					18SD11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	3.5			0.77	-99	10.9			1.1	-99	3.5			0.67	-99
Iron	mg/kg															
Lead	mg/kg	9.8			0.77	-99	16.3			1.13	-99	9.58			0.67	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.15	<	U	0.15	-99	0.23	<	U	0.23	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	4			1.53	-99	15.1			2.27	-99	5.44			1.35	-99
Potassium	mg/kg															
Selenium	mg/kg	0.77	<	UJ	0.77	-99	1.13	<	UJ	1.13	-99	0.67	<	UJ	0.67	-99
Silver	mg/kg	1.53	<	U	1.53	-99	2.27	<	U	2.27	-99	1.35	<	U	1.35	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.53	<	U	1.53	-99	2.27	<	U	2.27	-99	1.35	<	U	1.35	-99
Vanadium	mg/kg															
Zinc	mg/kg	22.8			0.46	-99	66.7			0.68	-99	15.9			0.4	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD29					18SS01					18SS02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)				
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	5.82			3.33	3.33										
Iron	mg/kg	10000			13	13										
Lead	mg/kg	13.9			0.4	0.4	16.1			6.2	-99	8.99			0.64	-99
Magnesium	mg/kg	710			670	670										
Manganese	mg/kg	550			2	2										
Mercury	mg/kg	0.13	<	U	0.13	0.13	0.15			0.12	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	5.3	<	U	5.3	5.3	6.34			1.24	-99	4.54			1.28	-99
Potassium	mg/kg	670	<	UJ	670	670										
Selenium	mg/kg	1.33	<	U	1.33	1.33	1.24	<	U	1.24	-99	0.64	<	U	0.64	-99
Silver	mg/kg	1.3	<	U	1.3	1.3	1.24	<	U	1.24	-99	1.28	<	U	1.28	-99
Sodium	mg/kg	670	<	U	670	670										
Strontium	mg/kg	9.7			6.7	6.7										
Thallium	mg/kg	0.667	<	U	0.667	0.667	0.62	<	U	0.62	-99	0.64	<	U	0.64	-99
Vanadium	mg/kg	21			6.7	6.7										
Zinc	mg/kg	33			2.7	2.7										
PCBS																
Aroclor 1016	mg/kg	.044	<	U	.044	.044										
Aroclor 1221	mg/kg	.089	<	U	.089	.089										
Aroclor 1232	mg/kg	.044	<	U	.044	.044										
Aroclor 1242	mg/kg	.044	<	U	.044	.044										
Aroclor 1248	mg/kg	.044	<	U	.044	.044										
Aroclor 1254	mg/kg	.044	<	U	.044	.044										
Aroclor 1260	mg/kg	.044	<	U	.044	.044										
PERC																
Perchlorate	ug/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS03					18SS05					18SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
	Sample Date:	17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	29.4			7	-99	13.2		J	3.14	-99	11.2			0.58	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.14	<	U	0.14	-99	0.13	<	U	0.13	-99	0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg	8.29			1.4	-99	3.86			1.26	-99	4.69			1.17	-99
Potassium	mg/kg															
Selenium	mg/kg	0.7	<	U	0.7	-99	0.63	<	U	0.63	-99	0.58	<	U	0.58	-99
Silver	mg/kg	1.4	<	U	1.4	-99	1.26	<	U	1.26	-99	1.17	<	U	1.17	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.7	<	U	0.7	-99	0.63	<	U	0.63	-99	0.58	<	U	0.58	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	1290			115.47	-99	17.4			5.8	-99	53.3		J	5.92	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.12	<	U	0.12	-99	0.12	<	U	0.12	-99	0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg	2.82			1.15	-99	6.9			1.16	-99	3.81			1.18	-99
Potassium	mg/kg															
Selenium	mg/kg	0.58	<	U	0.58	-99	0.81			0.58	-99	0.59	<	U	0.59	-99
Silver	mg/kg	1.15	<	U	1.15	-99	1.16	<	U	1.16	-99	1.18	<	U	1.18	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.58	<	U	0.58	-99	1.16	<	U	1.16	-99	0.59	<	U	0.59	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS10					18SS11					18SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	13.1			5.97	-99	6.94			2.89	-99	9.79			1.19	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.13			0.12	-99	0.12	<	U	0.12	-99	0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg	6.58			1.19	-99	6.05			1.16	-99	4.87			1.19	-99
Potassium	mg/kg															
Selenium	mg/kg	0.6	<	U	0.6	-99	0.58			0.58	-99	0.6	<	U	0.6	-99
Silver	mg/kg	1.19	<	U	1.19	-99	1.16	<	U	1.16	-99	1.19	<	U	1.19	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.6	<	U	0.6	-99	0.58	<	U	0.58	-99	0.6	<	U	0.6	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SS12					18SS13					18SS14				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
Sample Date:		05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	7.64			0.59	-99	11.3			0.91	-99	9.79			0.7	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.12	<	U	0.12	-99	0.18	<	U	0.18	-99	0.14	<	U	0.14	-99
Molybdenum	mg/kg															
Nickel	mg/kg	7.74			1.18	-99	4.62			1.82	-99	3.58			1.4	-99
Potassium	mg/kg															
Selenium	mg/kg	1.18	<	U	1.18	-99	0.91	<	U	0.91	-99	0.7	<	U	0.7	-99
Silver	mg/kg	1.18	<	U	1.18	-99	1.82	<	U	1.82	-99	1.4	<	U	1.4	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.59	<	U	0.59	-99	0.91	<	U	0.91	-99	0.7	<	U	0.7	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS15					18SS16					18SS17				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)				
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	18.6			6.64	-99	23.3		J	3.15	-99	10.01			0.59	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.14			0.13	-99	0.13	<	U	0.13	-99	0.12	<	U	0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg	6			1.33	-99	4.01			1.26	-99	3.32			1.18	-99
Potassium	mg/kg															
Selenium	mg/kg	0.66	<	U	0.66	-99	0.63	<	U	0.63	-99	0.59	<	U	0.59	-99
Silver	mg/kg	1.33	<	U	1.33	-99	1.26	<	U	1.26	-99	1.18	<	U	1.18	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.66	<	U	0.66	-99	0.63	<	U	0.63	-99	0.59	<	U	0.59	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SS18					18SS19					18SS20				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)				
Sample Date:		18-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	9.83			0.72	-99	10.4		J	0.57	-99	87		J	12.79	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.14	<	U	0.14	-99	1.1			0.11	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	7.08			1.45	-99	5.71			1.15	-99	7.48			1.28	-99
Potassium	mg/kg															
Selenium	mg/kg	0.72	<	U	0.72	-99	0.57	<	U	0.57	-99	0.64	<	U	0.64	-99
Silver	mg/kg	1.45	<	U	1.45	-99	1.15	<	U	1.15	-99	1.28	<	U	1.28	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.72	<	U	0.72	-99	0.57	<	U	0.57	-99	0.64	<	U	0.64	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SS21					18SS21					18SS22				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)				
Sample Date:		18-MAR-95					18-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	7.26		J	0.6	-99	22.5			3.21	-99	20.7		J	3.24	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.12	<	U	0.12	-99	0.13	<	U	0.13	-99	0.27			0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	4.05			1.21	-99	4.13			1.28	-99	5.78			1.3	-99
Potassium	mg/kg															
Selenium	mg/kg	0.6	<	U	0.6	-99	0.64	<	U	0.64	-99	0.65	<	U	0.65	-99
Silver	mg/kg	1.21	<	U	1.21	-99	1.28	<	U	1.28	-99	1.3	<	U	1.3	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.6	<	U	0.6	-99	0.64	<	U	0.64	-99	0.65	<	U	0.65	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS23					18SS24					18SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
	Sample Date:	05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg															
Iron	mg/kg															
Lead	mg/kg	9.41			0.63	-99	7.08			0.61	-99	12.8		J	2.91	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.13	<	U	0.13	-99	0.12	<	U	0.12	-99	0.14			0.12	-99
Molybdenum	mg/kg															
Nickel	mg/kg	4.4			1.25	-99	4			1.22	-99	6.28			1.17	-99
Potassium	mg/kg															
Selenium	mg/kg	0.63	<	U	0.63	-99	0.61	<	U	0.61	-99	0.58	<	U	0.58	-99
Silver	mg/kg	1.25	<	U	1.25	-99	1.22	<	U	1.22	-99	1.17	<	U	1.17	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.63	<	U	0.63	-99	0.61	<	U	0.61	-99	0.58	<	U	0.58	-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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-07					COE17-08					COE17-09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-07-01					COE17-08-01					COE17-09-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-10					COE17-11					COE17-12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-10-01					COE17-11-01					COE17-12-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-13					COE17-14					COE17-15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-13-01					COE17-14-01					COE17-15-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	COE17-16					FWS-088					FWS-101				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-16-01					CLNWR088					CLNWR101				
	Sample Date:	01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg						7.52		nv	.526		1.65		nv	.505	
Iron	mg/kg						14990		nv	10.5		7116		nv	10.1	
Lead	mg/kg						18.1		nv	2.11		9.64		nv	2.02	
Magnesium	mg/kg						1140		nv	10.5		189		nv	10.1	
Manganese	mg/kg						1815		nv	1.05		477		nv	1.01	
Mercury	mg/kg						.0598		nv	.025		.0252		nv	.0189	
Molybdenum	mg/kg						1.05	<	nv	1.05		1.01	<	nv	1.01	
Nickel	mg/kg						14.5		nv	1.05		3.84		nv	1.01	
Potassium	mg/kg															
Selenium	mg/kg						.526	<	nv	.526		.505	<	nv	.505	
Silver	mg/kg						.19	<	nv	.19		.182	<	nv	.182	
Sodium	mg/kg															
Strontium	mg/kg						36.9		nv	.526		7.89		nv	.505	
Thallium	mg/kg															
Vanadium	mg/kg						19.1		nv	.526		15.5		nv	.505	
Zinc	mg/kg						41.9		nv	5.26		8.47		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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-108					FWS-119					FWS-123				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		CLNWR108					CLNWR119					CLNWR123				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	5.93		nv	.517		7.93		nv	.517		2.8		nv	.55	
Iron	mg/kg	14323		nv	10.3		7649		nv	10.3		5802		nv	11	
Lead	mg/kg	13.8		nv	2.07		17.4		nv	2.07		10.3		nv	2.2	
Magnesium	mg/kg	1368		nv	10.3		682		nv	10.3		228		nv	11	
Manganese	mg/kg	273		nv	1.03		347		nv	1.03		440		nv	1.1	
Mercury	mg/kg	.0581		nv	.0192		.031		nv	.0172		.0319		nv	.0173	
Molybdenum	mg/kg	1.03	<	nv	1.03		1.03	<	nv	1.03		1.1	<	nv	1.1	
Nickel	mg/kg	11.1		nv	1.03		8.36		nv	1.03		4.83		nv	1.1	
Potassium	mg/kg															
Selenium	mg/kg	.517	<	nv	.517		.517	<	nv	.517		.55	<	nv	.55	
Silver	mg/kg	.186	<	nv	.186		.186	<	nv	.186		.198	<	nv	.198	
Sodium	mg/kg															
Strontium	mg/kg	23		nv	.517		17.7		nv	.517		6.99		nv	.55	
Thallium	mg/kg															
Vanadium	mg/kg	20.9		nv	.517		14.6		nv	.517		11.7		nv	.55	
Zinc	mg/kg	32.9		nv	5.17		49		nv	5.17		11.8		nv	5.49	
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															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-124					LH-S114-01					LH-S114-02								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1								
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93								
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
METALS																				
Copper	mg/kg	3		nv	.514		2.9			-99	-99	5.9			-99	-99				
Iron	mg/kg	5247		nv	10.3		16500			-99	-99	17400			-99	-99				
Lead	mg/kg	8.72		nv	2.05		12.4			-99	-99	11.3			-99	-99				
Magnesium	mg/kg	237		nv	10.3		1360			-99	-99	786			-99	-99				
Manganese	mg/kg	773		nv	1.03		160			-99	-99	183			-99	-99				
Mercury	mg/kg	.0337		nv	.0164		0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1				
Molybdenum	mg/kg	1.03	<	nv	1.03															
Nickel	mg/kg	8.27		nv	1.03															
Potassium	mg/kg						444			-99	-99	669			-99	-99				
Selenium	mg/kg	.514	<	nv	.514		1	<	U	1	1	1	<	U	1	1				
Silver	mg/kg	.185	<	nv	.185		1	<	U	1	1	1	<	U	1	1				
Sodium	mg/kg																			
Strontium	mg/kg	12.6		nv	.514		4.9			-99	-99	13.4			-99	-99				
Thallium	mg/kg																			
Vanadium	mg/kg	10.6		nv	.514															
Zinc	mg/kg	18.8		nv	5.14		15.1			-99	-99	45.6			-99	-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																			

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LH-S115-01					LH-S115-02					LH-S115-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
	Sample Date:	04-AUG-93					04-AUG-93					04-AUG-93				
User Test Group	*Sample Depth:*	.5 - 1					.6 - 2.6					.6 - 2.6				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
METALS																
Copper	mg/kg	3			-99	-99	2			-99	-99	3			-99	-99
Iron	mg/kg	8190			-99	-99	21800			-99	-99	14000			-99	-99
Lead	mg/kg	1.6			-99	-99	4.9			-99	-99	5.2			-99	-99
Magnesium	mg/kg	311			-99	-99	289			-99	-99	391			-99	-99
Manganese	mg/kg	28			-99	-99	35			-99	-99	35			-99	-99
Mercury	mg/kg	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1
Molybdenum	mg/kg															
Nickel	mg/kg															
Potassium	mg/kg	313			-99	-99	388			-99	-99	540			-99	-99
Selenium	mg/kg	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Silver	mg/kg	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Sodium	mg/kg															
Strontium	mg/kg	15			-99	-99	15			-99	-99	17			-99	-99
Thallium	mg/kg															
Vanadium	mg/kg															
Zinc	mg/kg	8			-99	-99	12			-99	-99	10			-99	-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															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS01					STEP-17SS01					STEP-17SS01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(0-0.5)-020306					17SS01(00.5)0203FD					17SS01(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
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	39.5	U	U	39.5	9.46	40.0	U	U	40.0	9.58	39.9	U	U	39.9	9.56

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

Report Date: 11/15/04

	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
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	40.0	U	U	40.0	9.58	40.0	U	U	40.0	9.58	39.9	U	U	39.9	9.56

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

Report Date: 11/15/04

	Location Code:	STEP-17SS03					STEP-17SS04					STEP-17SS04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS03(1-2)-020306					17SS04(0-0.5)-020306					17SS04(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
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	39.9	U	U	39.9	9.56	40.0	U	U	40.0	9.58	39.7	U	U	39.7	9.51

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306								
	Sample Date:	06-MAR-02					06-MAR-02					06-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																				
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																			
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	60.9			40.0	9.58	40.0	U	U	40.0	9.58	48.3	U	U	48.3	11.6				

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

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
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	48.1	U	U	48.1	11.5	40.1	U	U	40.1	9.60	40.3	U	U	40.3	9.65

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

Report Date: 11/15/04

	Location Code:	STEP-17SS07					STEP-17SS08					STEP-17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS07(1-2)-020306					17SS08(0-0.5)-020306					17SS08(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
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	48.7	U	U	48.7	11.7	40.2	U	U	40.2	9.63	39.8	U	U	39.8	9.53

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
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	39.9	U	U	39.9	9.56	39.9	U	U	39.9	9.57	40.1	U	U	40.1	9.60

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

Report Date: 11/15/04

	Location Code:	STEP-17SS10					STEP-17SS11					STEP-17SS11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS10(1-2)-020306					17SS11(0-0.5)-020306					17SS11(00.5)0203FD				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
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	40.0	U	U	40.0	9.58	40.1	U	U	40.1	9.60	104		39.9	9.56	

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

Report Date: 11/15/04

	Location Code:	STEP-17SS11					STEP-17SS12					STEP-17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS11(1-2)-020306					17SS12(0-0.5)-020306					17SS12(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
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	40.1	U	U	40.1	9.60	36.0	J	J	51.4	12.3	20.1	J	J	55.6	13.3

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

Report Date: 11/15/04

	Location Code:	STEP-17SS13					STEP-17SS13					STEP-17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(0-0.5)-020307					17SS13(1-2)-020307					17SS14(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	48.8	U	U	48.8	11.7	49.5	U	U	49.5	11.8	48.3	U	U	48.3	11.6

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

Report Date: 11/15/04

	Location Code:	STEP-17SS14					STEP-17SS15					STEP-17SS15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(1-2)-020307					17SS15(0-0.5)-020307					17SS15(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	50.8	U	U	50.8	12.2	47.6	U	U	47.6	11.4	46.0	U	U	46.0	11.0

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

	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	49.6	U	U	49.6	11.9	48.9	U	U	48.9	11.7	18.4	J	J	46.9	11.2

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

	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	49.0	U	U	49.0	11.7	48.1	U	U	48.1	11.5	87.9			51.9	12.4

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

	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	424			53.2	12.7	69.7			48.3	11.6	45.4	U	U	45.4	10.9

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

	Location Code:	STEP-17SS20					STEP-17SS20					STEP-17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(0-0.5)-020307					17SS20(1-2)-020307					17SS21(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	25.7	J	J	51.9	12.4	45.8	U	U	45.8	11.0	47.8	U	U	47.8	11.5

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

Report Date: 11/15/04

	Location Code:	STEP-17SS21					STEP-17SS21					STEP-17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	48.1	U	U	48.1	11.5	47.0	U	U	47.0	11.3	45.3	U	U	45.3	10.9

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

	Location Code:	STEP-17SS22					STEP-17SS23					STEP-17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(1-2)-020307					17SS23(0-0.5)-020307					17SS23(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	45.2	U	U	45.2	10.8	96.3			51.6	12.4	49.6	U	U	49.6	11.9

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

Report Date: 11/15/04

	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	65.5			43.3	10.4	397			46.1	11.0	28.9	J	J	43.8	10.5

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS25					STEP-17SS26					STEP-17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	128			43.9	10.5	23.8	J	J	46.1	11.0	30.8	J	J	46.0	11.0

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS26					STEP-17SS27					STEP-17SS27				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS26(1-2)-020307					17SS27(0-0.5)-020307					17SS27(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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																	
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																
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		61.9			46.1	11.1	46.4	U	U	46.4	11.1	25.9	J	J	47.3	11.3

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

Report Date: 11/15/04

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	55.0	U	U	55.0	13.2	51.9	U	U	51.9	12.4	47.8	U	U	47.8	11.4

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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																	
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																
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		48.2	U	U	48.2	11.5	46.2	U	U	46.2	11.1	32.5	J	J	47.3	11.3

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	60.8			45.7	11.0	47.1	U	U	47.1	11.3	40.4	J	J	48.3	11.6

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
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	71.3			55.9	13.4	2460			1350	324	544			49.4	11.8

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

Report Date: 11/15/04

	Location Code:	STEP-17SS33					STEP-17SS34					STEP-17SS34				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS33(1-2)-020307					17SS34(0-0.5)-020308					17SS34(1-2)-020308				
	Sample Date:	07-MAR-02					08-MAR-02					08-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																
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															
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	7110			4780	1150	48.3	U	U	48.3	11.6	44.8	U	U	44.8	10.7

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

	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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																
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															
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	51.7	U	U	51.7	12.4	49.5	U	U	49.5	11.8	53.4	U	U	53.4	12.8

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

Report Date: 11/15/04

	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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																
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															
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	50.6	U	U	50.6	12.1	46.9	U	U	46.9	11.2	51.8	U	U	51.8	12.4

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

	Location Code:	STEP-17SS37					
	Associated Site:	Waste Sub-Area					
	Sample No:	17SS37(1-2)-020308					
	Sample Date:	08-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
METALS							
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						
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	49.8	U	U	49.8	11.9	

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB01					12SB06					12SB06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)				
	Sample Date:	01-JUN-93					31-MAY-00					31-MAY-00				
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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12SB08					12SB09					12WW01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB08(0-0.5)					12SB09(0-0.5)					12WW01(0-2)				
	Sample Date:	31-MAY-00					31-MAY-00					27-APR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12WW02					12WW02					12WW02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02				
	Sample Date:	04-FEB-88					04-FEB-90					28-APR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12WW05					12WW07					16SB11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
	Sample Date:	19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16SB11					16SD02					16SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)				
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 1					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16SD11					16WW27					16WW27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC				
	Sample Date:	28-FEB-95					17-MAY-97					17-MAY-97				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
4,4'-DDD	mg/kg						.22	<	U	.22	-99					
4,4'-DDE	mg/kg						.081	<	U	.081	-99					
4,4'-DDT	mg/kg						.24	<	U	.24	-99					
Aldrin	mg/kg						.081	<	U	.081	-99					
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg						.28	<	U	.28	-99					
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg						.04	<	U	.04	-99					
Endosulfan I	mg/kg						.28	<	U	.28	-99					
Endosulfan II	mg/kg						.081	<	U	.081	-99					
Endosulfan Sulfate	mg/kg						1.3	<	U	1.3	-99					
Endrin	mg/kg						.12	<	U	.12	-99					
Endrin aldehyde	mg/kg						.46	<	U	.46	-99					
Endrin ketone	mg/kg															
Heptachlor	mg/kg						.06	<	U	.06	-99					
Heptachlor epoxide	mg/kg						1.7	<	U	1.7	-99					
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg						3.6	<	U	3.6	-99					
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg						4.9	<	U	4.9	-99					
alpha-BHC	mg/kg						.06	<	U	.06	-99					
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg						.12	<	U	.12	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		16WW27					16WW31					16WW31				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		16WW27(1-3)					16WW31(0-0.5)					16WW31(1-3)				
Sample Date:		17-MAY-97					29-MAY-97					29-MAY-97				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
4,4'-DDD	mg/kg	.2	<	U	.2	-99	.21	<	U	.21	-99	.21	<	U	.21	-99
4,4'-DDE	mg/kg	.076	<	U	.076	-99	.076	<	U	.076	-99	.077	<	U	.077	-99
4,4'-DDT	mg/kg	.23	<	U	.23	-99	.23	<	U	.23	-99	.23	<	U	.23	-99
Aldrin	mg/kg	.076	<	U	.076	-99	.076	<	U	.076	-99	.077	<	U	.077	-99
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.26	<	U	.26	-99	.27	<	U	.27	-99	.27	<	U	.27	-99
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.037	<	U	.037	-99	.038	<	U	.038	-99	.038	<	U	.038	-99
Endosulfan I	mg/kg	2.6	<	U	2.6	-99	.27	<	U	.27	-99	.27	<	U	.27	-99
Endosulfan II	mg/kg	.076	<	U	.076	-99	.076	<	U	.076	-99	.077	<	U	.077	-99
Endosulfan Sulfate	mg/kg	1.2	<	U	1.2	-99	1.2	<	U	1.2	-99	1.2	<	U	1.2	-99
Endrin	mg/kg	.11	<	U	.11	-99	.12	<	U	.12	-99	.12	<	U	.12	-99
Endrin aldehyde	mg/kg	.43	<	U	.43	-99	.44	<	U	.44	-99	.44	<	U	.44	-99
Endrin ketone	mg/kg															
Heptachlor	mg/kg	.057	<	U	.057	-99	.057	<	U	.057	-99	.058	<	U	.058	-99
Heptachlor epoxide	mg/kg	1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.6	<	U	1.6	-99
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg	3.4	<	U	3.4	-99	3.4	<	U	3.4	-99	3.4	<	U	3.4	-99
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	4.6	<	U	4.6	-99	4.6	<	U	4.6	-99	4.7	<	U	4.7	-99
alpha-BHC	mg/kg	.057	<	U	.057	-99	.057	<	U	.057	-99	.058	<	U	.058	-99
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.11	<	U	.11	-99	.11	<	U	.11	-99	.12	<	U	.12	-99

Location Code:		16WW35					16WW35					16WW35				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
Sample Date:		25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
4,4'-DDD	mg/kg	.183	<	U	.183	-99	.203	<	U	.203	-99	.213	<	U	.213	-99
4,4'-DDE	mg/kg	.0665	<	U	.0665	-99	.074	<	U	.074	-99	.0776	<	U	.0776	-99
4,4'-DDT	mg/kg	.2	<	U	.2	-99	.222	<	U	.222	-99	.233	<	U	.233	-99
Aldrin	mg/kg	.0665	<	U	.0665	-99	.074	<	U	.074	-99	.0776	<	U	.0776	-99
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.233	<	U	.233	-99	.26	<	U	.26	-99	.272	<	U	.272	-99
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.0327	<	U	.0327	-99	.0364	<	U	.0364	-99	.0382	<	U	.0382	-99
Endosulfan I	mg/kg	.233	<	U	.233	-99	.26	<	U	.26	-99	.272	<	U	.272	-99
Endosulfan II	mg/kg	.0665	<	U	.0665	-99	.074	<	U	.074	-99	.0776	<	U	.0776	-99
Endosulfan Sulfate	mg/kg	1.098	<	U	1.098	-99						1.281	<	U	1.281	-99
Endrin	mg/kg	.1	<	U	.1	-99	.112	<	U	.112	-99	.117	<	U	.117	-99
Endrin aldehyde	mg/kg	.383	<	U	.383	-99	.427	<	U	.427	-99	.447	<	U	.447	-99
Endrin ketone	mg/kg															
Heptachlor	mg/kg	.0496	<	U	.0496	-99	.0552	<	U	.0552	-99	.0579	<	U	.0579	-99
Heptachlor epoxide	mg/kg	1.384	<	U	1.384	-99	1.54	<	U	1.54	-99	1.614	<	U	1.614	-99
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg	3	<	U	3	-99	3.338	<	U	3.338	-99	3.498	<	U	3.498	-99
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	4.003	<	U	4.003	-99	4.455	<	U	4.455	-99	4.669	<	U	4.669	-99
alpha-BHC	mg/kg	.0496	<	U	.0496	-99	.0552	<	U	.0552	-99	.0579	<	U	.0579	-99
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.0993	<	U	.0993	-99	.11	<	U	.11	-99	.116	<	U	.116	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		16WW37					16WW37					17SB01				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)				
Sample Date:		31-MAY-97					31-MAY-97					15-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
4,4'-DDD	mg/kg	.21	<	U	.21	-99	.22	<	U	.22	-99					
4,4'-DDE	mg/kg	.078	<	U	.078	-99	.08	<	U	.08	-99					
4,4'-DDT	mg/kg	.24	<	U	.24	-99	.24	<	U	.24	-99					
Aldrin	mg/kg	.078	<	U	.078	-99	.08	<	U	.08	-99					
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.27	<	U	.27	-99	.28	<	U	.28	-99					
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.039	<	U	.039	-99	.039	<	U	.039	-99					
Endosulfan I	mg/kg	.27	<	U	.27	-99	.28	<	U	.28	-99					
Endosulfan II	mg/kg	.078	<	U	.078	-99	.08	<	U	.08	-99					
Endosulfan Sulfate	mg/kg	1.2	<	U	1.2	-99	1.3	<	U	1.3	-99					
Endrin	mg/kg	.12	<	U	.12	-99	.12	<	U	.12	-99					
Endrin aldehyde	mg/kg	.45	<	U	.45	-99	.46	<	U	.46	-99					
Endrin ketone	mg/kg															
Heptachlor	mg/kg	.058	<	U	.058	-99	.06	<	U	.06	-99					
Heptachlor epoxide	mg/kg	1.6	<	U	1.6	-99	1.7	<	U	1.7	-99					
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg	3.5	<	U	3.5	-99	3.6	<	U	3.6	-99					
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	4.7	<	U	4.7	-99	4.8	<	U	4.8	-99					
alpha-BHC	mg/kg	.058	<	U	.058	-99	.06	<	U	.06	-99					
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.12	<	U	.12	-99	.12	<	U	.12	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB01					17SB02					17SB03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB01(02)					17SB02(0-2)					17SB03(0-2)				
	Sample Date:	15-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

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

	Location Code:	17SB03					17SB04					17SB05				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)				
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB06					17SB07					17SB09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
	Sample Date:	15-MAY-93					16-MAY-93					30-MAY-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	17SB09					17SB10					17SB10				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
		Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
		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																	
1,2,3,4-Tetrachlorobenzene	mg/kg																
1,2,4,5-Tetrachloro-benzene	mg/kg																
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																
Dieldrin	mg/kg																
Endosulfan I	mg/kg																
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																
Hexachlorobenzene	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																
beta-BHC	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD01					17SD01					17SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD01					17SD01(000.0)					17SD02				
	Sample Date:	21-APR-93					02-MAR-95					21-APR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD02					17SD02					17SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD05					17SD06					17SD07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
	Sample Date:	02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD08					17SD09					17SD10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD08(000.0)					17SD09(000.0)					17SD10				
	Sample Date:	05-MAR-95					05-MAR-95					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
4,4'-DDD	mg/kg											.0048	<	U	.0048	.0048
4,4'-DDE	mg/kg											.0048	<	U	.0048	.0048
4,4'-DDT	mg/kg											.0048	<	U	.0048	.0048
Aldrin	mg/kg											.0024	<	U	.0024	.0024
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg											.048	<	U	.048	.048
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg											.0048	<	U	.0048	.0048
Endosulfan I	mg/kg											.0024	<	U	.0024	.0024
Endosulfan II	mg/kg											.0048	<	U	.0048	.0048
Endosulfan Sulfate	mg/kg											.0048	<	U	.0048	.0048
Endrin	mg/kg											.0048	<	U	.0048	.0048
Endrin aldehyde	mg/kg											.0048	<	U	.0048	.0048
Endrin ketone	mg/kg											.0048	<	U	.0048	.0048
Heptachlor	mg/kg											.0024	<	U	.0024	.0024
Heptachlor epoxide	mg/kg											.0024	<	U	.0024	.0024
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg											.024	<	U	.024	.024
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg											.048	<	U	.048	.048
alpha-BHC	mg/kg											.0024	<	U	.0024	.0024
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg											.0024	<	U	.0024	.0024

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SD10					17SD11					17SD12				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SD10QC					17SD11					17SD12				
Sample Date:		17-SEP-98					17-SEP-98					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
4,4'-DDD	mg/kg	.0047	<	U	.0047	.0047						.0047	<	U	.0047	.0047
4,4'-DDE	mg/kg	.0047	<	U	.0047	.0047						.0047	<	U	.0047	.0047
4,4'-DDT	mg/kg	.0047	<	U	.0047	.0047						.0047	<	U	.0047	.0047
Aldrin	mg/kg	.0023	<	U	.0023	.0023						.0024	<	U	.0024	.0024
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.047	<	U	.047	.047						.047	<	U	.047	.047
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.0047	<	U	.0047	.0047						.0047	<	U	.0047	.0047
Endosulfan I	mg/kg	.0023	<	U	.0023	.0023						.0024	<	U	.0024	.0024
Endosulfan II	mg/kg	.0047	<	U	.0047	.0047						.0047	<	U	.0047	.0047
Endosulfan Sulfate	mg/kg	.0047	<	U	.0047	.0047						.0047	<	U	.0047	.0047
Endrin	mg/kg	.0047	<	U	.0047	.0047						.0047	<	U	.0047	.0047
Endrin aldehyde	mg/kg	.0047	<	U	.0047	.0047						.0047	<	U	.0047	.0047
Endrin ketone	mg/kg	.0047	<	U	.0047	.0047						.0047	<	U	.0047	.0047
Heptachlor	mg/kg	.0023	<	U	.0023	.0023						.0024	<	U	.0024	.0024
Heptachlor epoxide	mg/kg	.0023	<	U	.0023	.0023						.0024	<	U	.0024	.0024
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg	.023	<	U	.023	.023						.024	<	U	.024	.024
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.047	<	U	.047	.047						.047	<	U	.047	.047
alpha-BHC	mg/kg	.0023	<	U	.0023	.0023						.0024	<	U	.0024	.0024
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.0023	<	U	.0023	.0023						.0024	<	U	.0024	.0024

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS04					17SS05					17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS09					17SS10					17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
	Sample Date:	05-MAR-95					15-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS13					17SS13					17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS14					17SS15					17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
	Sample Date:	01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS17					17SS18					17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
	Sample Date:	01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS21					17SS22					17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
4,4'-DDD	mg/kg						.0036	<	U	.0036	.0036	.0041	<	U	.0041	.0041
4,4'-DDE	mg/kg						.0036	<	U	.0036	.0036	.0041	<	U	.0041	.0041
4,4'-DDT	mg/kg						.0036	<	U	.0036	.0036	.0041	<	U	.0041	.0041
Aldrin	mg/kg						.0017	<	U	.0017	.0017	.0021	<	U	.0021	.0021
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg						.035	<	U	.035	.035	.041	<	U	.041	.041
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg						.0036	<	U	.0036	.0036	.0041	<	U	.0041	.0041
Endosulfan I	mg/kg						.0017	<	U	.0017	.0017	.0021	<	U	.0021	.0021
Endosulfan II	mg/kg						.0036	<	U	.0036	.0036	.0041	<	U	.0041	.0041
Endosulfan Sulfate	mg/kg						.0036	<	U	.0036	.0036	.0041	<	U	.0041	.0041
Endrin	mg/kg						.0036	<	U	.0036	.0036	.0041	<	U	.0041	.0041
Endrin aldehyde	mg/kg						.0036	<	U	.0036	.0036	.0041	<	U	.0041	.0041
Endrin ketone	mg/kg						.0036	<	U	.0036	.0036	.0041	<	U	.0041	.0041
Heptachlor	mg/kg						.0017	<	U	.0017	.0017	.0021	<	U	.0021	.0021
Heptachlor epoxide	mg/kg						.0017	<	U	.0017	.0017	.0021	<	U	.0021	.0021
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg						.018	<	U	.018	.018	.021	<	U	.021	.021
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg						.035	<	U	.035	.035	.041	<	U	.041	.041
alpha-BHC	mg/kg						.0017	<	U	.0017	.0017	.0021	<	U	.0021	.0021
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg						.0017	<	U	.0017	.0017	.0021	<	U	.0021	.0021

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS22					17SS22					17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
	Sample Date:	20-AUG-98					20-AUG-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

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

	Location Code:	17SS23					17SS24					17SS24				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS25					17SS25					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(0-0.5)					17SS25(2.5-3)					C-17SS26(0-0.5)-9807				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
4,4'-DDD	mg/kg											.0036	<	U	.0036	.0036
4,4'-DDE	mg/kg											.0036	<	U	.0036	.0036
4,4'-DDT	mg/kg											.0036	<	U	.0036	.0036
Aldrin	mg/kg											.0018	<	U	.0018	.0018
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg											.036	<	U	.036	.036
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg											.0036	<	U	.0036	.0036
Endosulfan I	mg/kg											.0018	<	U	.0018	.0018
Endosulfan II	mg/kg											.0036	<	U	.0036	.0036
Endosulfan Sulfate	mg/kg											.0036	<	U	.0036	.0036
Endrin	mg/kg											.0036	<	U	.0036	.0036
Endrin aldehyde	mg/kg											.0036	<	U	.0036	.0036
Endrin ketone	mg/kg											.0036	<	U	.0036	.0036
Heptachlor	mg/kg											.0018	<	U	.0018	.0018
Heptachlor epoxide	mg/kg											.0018	<	U	.0018	.0018
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg											.018	<	U	.018	.018
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg											.036	<	U	.036	.036
alpha-BHC	mg/kg											.0018	<	U	.0018	.0018
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg											.0018	<	U	.0018	.0018

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS26					17SS26					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
	Sample Date:	11-JUL-98					20-AUG-98					20-AUG-98				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
4,4'-DDD	mg/kg	.004	<	U	.004	.004										
4,4'-DDE	mg/kg	.004	<	U	.004	.004										
4,4'-DDT	mg/kg	.004	<	U	.004	.004										
Aldrin	mg/kg	.002	<	U	.002	.002										
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.04	<	U	.04	.04										
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.004	<	U	.004	.004										
Endosulfan I	mg/kg	.002	<	U	.002	.002										
Endosulfan II	mg/kg	.004	<	U	.004	.004										
Endosulfan Sulfate	mg/kg	.004	<	U	.004	.004										
Endrin	mg/kg	.004	<	U	.004	.004										
Endrin aldehyde	mg/kg	.004	<	U	.004	.004										
Endrin ketone	mg/kg	.004	<	U	.004	.004										
Heptachlor	mg/kg	.002	<	U	.002	.002										
Heptachlor epoxide	mg/kg	.002	<	U	.002	.002										
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg	.02	<	U	.02	.02										
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.04	<	U	.04	.04										
alpha-BHC	mg/kg	.002	<	U	.002	.002										
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.002	<	U	.002	.002										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS27					17SS27					17SS28				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS28					17SS29					17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

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

	Location Code:	17SS31					17SS31					17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)					17SS31(2.5-3)					17SS31(2.5-3)QC				
	Sample Date:	14-JUL-98					14-JUL-98					14-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17WW01					18SD03					18SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
	Sample Date:	16-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD05					18SD06					18SD06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD07					18SD07					18SD08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD09					18SD10					18SD11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD29					18SS01					18SS02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)				
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
4,4'-DDD	mg/kg	.0044	<	U	.0044	.0044										
4,4'-DDE	mg/kg	.0044	<	U	.0044	.0044										
4,4'-DDT	mg/kg	.0044	<	U	.0044	.0044										
Aldrin	mg/kg	.0022	<	U	.0022	.0022										
Aroclor 1242	mg/kg															
Aroclor 1248	mg/kg															
Aroclor 1254	mg/kg															
Aroclor 1260	mg/kg															
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.044	<	U	.044	.044										
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.0044	<	U	.0044	.0044										
Endosulfan I	mg/kg	.0022	<	U	.0022	.0022										
Endosulfan II	mg/kg	.0044	<	U	.0044	.0044										
Endosulfan Sulfate	mg/kg	.0044	<	U	.0044	.0044										
Endrin	mg/kg	.0044	<	U	.0044	.0044										
Endrin aldehyde	mg/kg	.0044	<	U	.0044	.0044										
Endrin ketone	mg/kg	.0044	<	U	.0044	.0044										
Heptachlor	mg/kg	.0022	<	U	.0022	.0022										
Heptachlor epoxide	mg/kg	.0022	<	U	.0022	.0022										
Hexachlorobenzene	mg/kg															
METHOXYCHLOR	mg/kg	.022	<	U	.022	.022										
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.044	<	U	.044	.044										
alpha-BHC	mg/kg	.0022	<	U	.0022	.0022										
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.0022	<	U	.0022	.0022										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS03					18SS05					18SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
	Sample Date:	17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS10					18SS11					18SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS12					18SS13					18SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
	Sample Date:	05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS15					18SS16					18SS17				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)				
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS18					18SS19					18SS20				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)				
	Sample Date:	18-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS21					18SS21					18SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)				
	Sample Date:	18-MAR-95					18-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS23					18SS24					18SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
	Sample Date:	05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-07					COE17-08					COE17-09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-07-01					COE17-08-01					COE17-09-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-10					COE17-11					COE17-12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-10-01					COE17-11-01					COE17-12-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

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

Report Date: 11/15/04

	Location Code:	COE17-13					COE17-14					COE17-15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-13-01					COE17-14-01					COE17-15-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	COE17-16					FWS-088					FWS-101				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-16-01					CLNWR088					CLNWR101				
	Sample Date:	01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
1,2,4,5-Tetrachloro-benzene	mg/kg						.000355	<	nv	.000355		.000723		nv	.000295	
4,4'-DDD	mg/kg						.000355	<	nv	.000355		.00055		nv	.000295	
4,4'-DDE	mg/kg						.00121		nv	.000355		.00193		nv	.000295	
4,4'-DDT	mg/kg						.000355		nv	.000355		.000295	<	nv	.000295	
Aldrin	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
Aroclor 1242	mg/kg						.00177	<	nv	.00177		.00516		nv	.00147	
Aroclor 1248	mg/kg						.00177	<	nv	.00177		.00147	<	nv	.00147	
Aroclor 1254	mg/kg						.00595		nv	.00177		.00688		nv	.00147	
Aroclor 1260	mg/kg						.00179		nv	.00177		.00516		nv	.00147	
Aroclor 1268	mg/kg						.00177	<	nv	.00177		.00147	<	nv	.00147	
Chlordane	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
Chlorpyrifos	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
Dieldrin	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
Endosulfan I	mg/kg															
Endosulfan II	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg						.000355	<	nv	.000355		.00104		nv	.000295	
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
Heptachlor epoxide	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
Hexachlorobenzene	mg/kg						.000355	<	nv	.000355		.00106		nv	.000295	
METHOXYCHLOR	mg/kg															
MIREX	mg/kg						.000355	<	nv	.000355		.000629		nv	.000295	
Polychlorinated biphenyls, N.O.S.	mg/kg						.0118		nv	.00177		.0172		nv	.00147	
Toxaphene	mg/kg						.00177	<	nv	.00177		.00147	<	nv	.00147	
alpha-BHC	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
alpha-Chlordane	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
beta-BHC	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-108					FWS-119					FWS-123				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		CLNWR108					CLNWR119					CLNWR123				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
1,2,4,5-Tetrachloro-benzene	mg/kg	.000593		nv	.000329		.000308		nv	.000298		.000363		nv	.000305	
4,4'-DDD	mg/kg	.001		nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
4,4'-DDE	mg/kg	.00577		nv	.000329		.00103		nv	.000298		.000305	<	nv	.000305	
4,4'-DDT	mg/kg	.000377		nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
Aldrin	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
Aroclor 1242	mg/kg	.00445		nv	.00164		.00149	<	nv	.00149		.00153	<	nv	.00153	
Aroclor 1248	mg/kg	.00164	<	nv	.00164		.00149	<	nv	.00149		.00153	<	nv	.00153	
Aroclor 1254	mg/kg	.0111		nv	.00164		.00149	<	nv	.00149		.00153	<	nv	.00153	
Aroclor 1260	mg/kg	.00223		nv	.00164		.00149	<	nv	.00149		.00153	<	nv	.00153	
Aroclor 1268	mg/kg	.00164	<	nv	.00164		.00149	<	nv	.00149		.00153	<	nv	.00153	
Chlordane	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
Chlorpyrifos	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
Dieldrin	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
Heptachlor epoxide	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
Hexachlorobenzene	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
Polychlorinated biphenyls, N.O.S.	mg/kg	.0223		nv	.00164		.00505		nv	.00149		.00153	<	nv	.00153	
Toxaphene	mg/kg	.00164	<	nv	.00164		.00149	<	nv	.00149		.00153	<	nv	.00153	
alpha-BHC	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
alpha-Chlordane	mg/kg	.000403		nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
beta-BHC	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-124					LH-S114-01					LH-S114-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1				
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg	.000315	<	nv	.000315											
1,2,4,5-Tetrachloro-benzene	mg/kg	.000315	<	nv	.000315											
4,4'-DDD	mg/kg	.000315	<	nv	.000315											
4,4'-DDE	mg/kg	.000315	<	nv	.000315											
4,4'-DDT	mg/kg	.000315	<	nv	.000315											
Aldrin	mg/kg	.000315	<	nv	.000315											
Aroclor 1242	mg/kg	.00158	<	nv	.00158											
Aroclor 1248	mg/kg	.00158	<	nv	.00158											
Aroclor 1254	mg/kg	.00158	<	nv	.00158											
Aroclor 1260	mg/kg	.00158	<	nv	.00158											
Aroclor 1268	mg/kg	.00158	<	nv	.00158											
Chlordane	mg/kg	.000315	<	nv	.000315											
Chlorpyrifos	mg/kg	.000315	<	nv	.000315											
Dieldrin	mg/kg	.000315	<	nv	.000315											
Endosulfan I	mg/kg															
Endosulfan II	mg/kg	.000315	<	nv	.000315											
Endosulfan Sulfate	mg/kg															
Endrin	mg/kg	.000315	<	nv	.000315											
Endrin aldehyde	mg/kg															
Endrin ketone	mg/kg															
Heptachlor	mg/kg	.000315	<	nv	.000315											
Heptachlor epoxide	mg/kg	.000315	<	nv	.000315											
Hexachlorobenzene	mg/kg	.000315	<	nv	.000315											
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000315	<	nv	.000315											
Polychlorinated biphenyls, N.O.S.	mg/kg	.00158	<	nv	.00158											
Toxaphene	mg/kg	.00158	<	nv	.00158											
alpha-BHC	mg/kg	.000315	<	nv	.000315											
alpha-Chlordane	mg/kg	.000315	<	nv	.000315											
beta-BHC	mg/kg	.000315	<	nv	.000315											

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	LH-S115-01					LH-S115-02					LH-S115-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
	Sample Date:	04-AUG-93					04-AUG-93					04-AUG-93				
User Test Group	*Sample Depth:*	.5 - 1					.6 - 2.6					.6 - 2.6				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS01					STEP-17SS01					STEP-17SS01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(0-0.5)-020306					17SS01(00.5)0203FD					17SS01(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS03					STEP-17SS04					STEP-17SS04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS03(1-2)-020306					17SS04(0-0.5)-020306					17SS04(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS07					STEP-17SS08					STEP-17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS07(1-2)-020306					17SS08(0-0.5)-020306					17SS08(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS10					STEP-17SS11					STEP-17SS11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS10(1-2)-020306					17SS11(0-0.5)-020306					17SS11(00.5)0203FD				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS11					STEP-17SS12					STEP-17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS11(1-2)-020306					17SS12(0-0.5)-020306					17SS12(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS13					STEP-17SS13					STEP-17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(0-0.5)-020307					17SS13(1-2)-020307					17SS14(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS14					STEP-17SS15					STEP-17SS15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(1-2)-020307					17SS15(0-0.5)-020307					17SS15(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS20					STEP-17SS20					STEP-17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(0-0.5)-020307					17SS20(1-2)-020307					17SS21(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS21					STEP-17SS21					STEP-17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS22					STEP-17SS23					STEP-17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(1-2)-020307					17SS23(0-0.5)-020307					17SS23(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS25					STEP-17SS26					STEP-17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS26					STEP-17SS27					STEP-17SS27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS26(1-2)-020307					17SS27(0-0.5)-020307					17SS27(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS33					STEP-17SS34					STEP-17SS34				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS33(1-2)-020307					17SS34(0-0.5)-020308					17SS34(1-2)-020308				
	Sample Date:	07-MAR-02					08-MAR-02					08-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
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															
Dieldrin	mg/kg															
Endosulfan I	mg/kg															
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															
Hexachlorobenzene	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															
beta-BHC	mg/kg															

	Location Code:	STEP-17SS37					
	Associated Site:	Waste Sub-Area					
	Sample No:	17SS37(1-2)-020308					
	Sample Date:	08-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
PESTICIDES							
1,2,3,4-Tetrachlorobenzene	mg/kg						
1,2,4,5-Tetrachloro-benzene	mg/kg						
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						
Dieldrin	mg/kg						
Endosulfan I	mg/kg						
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						
Hexachlorobenzene	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						
beta-BHC	mg/kg						

	Location Code:	12SB01					12SB06					12SB06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)				
	Sample Date:	01-JUN-93					31-MAY-00					31-MAY-00				
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																
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	.379	<	U	.379	-99										
1,2-Dichlorobenzene	mg/kg	.379	<	U	.379	-99										
1,2-Diphenylhydrazine	mg/kg	1.839	<	U	1.839	-99										
1,3-Dichlorobenzene	mg/kg	.379	<	U	.379	-99										
1,4-Dichlorobenzene	mg/kg	.379	<	U	.379	-99										
1-Chloronaphthalene	mg/kg	.759	<	U	.759	-99										
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.839	<	U	1.839	-99										
2,4,6-Trichlorophenol	mg/kg	.379	<	U	.379	-99										
2,4-Dichlorophenol	mg/kg	.379	<	U	.379	-99										
2,4-Dimethylphenol	mg/kg	.379	<	U	.379	-99										
2,4-Dinitrophenol	mg/kg	1.839	<	U	1.839	-99										
2,4-Dinitrotoluene	mg/kg	.379	<	U	.379	-99										
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.379	<	U	.379	-99										
2-Chloronaphthalene	mg/kg	.379	<	U	.379	-99										
2-Chlorophenol	mg/kg	.379	<	U	.379	-99										

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

	Location Code:	12SB08					12SB09					12WW01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB08(0-0.5)					12SB09(0-0.5)					12WW01(0-2)				
	Sample Date:	31-MAY-00					31-MAY-00					27-APR-93				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
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											.407	<	U	.407	-99
1,2-Dichlorobenzene	mg/kg											.407	<	U	.407	-99
1,2-Diphenylhydrazine	mg/kg											1.975	<	U	1.975	-99
1,3-Dichlorobenzene	mg/kg											.407	<	U	.407	-99
1,4-Dichlorobenzene	mg/kg											.407	<	U	.407	-99
1-Chloronaphthalene	mg/kg											.815	<	U	.815	-99
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg											1.975	<	U	1.975	-99
2,4,6-Trichlorophenol	mg/kg											.407	<	U	.407	-99
2,4-Dichlorophenol	mg/kg											.407	<	U	.407	-99
2,4-Dimethylphenol	mg/kg											.407	<	U	.407	-99
2,4-Dinitrophenol	mg/kg											1.975	<	U	1.975	-99
2,4-Dinitrotoluene	mg/kg											.407	<	U	.407	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg											.407	<	U	.407	-99
2-Chloronaphthalene	mg/kg											.407	<	U	.407	-99
2-Chlorophenol	mg/kg											.407	<	U	.407	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:			12WW02					12WW02					12WW02							
Associated Site:			Waste Sub-Area					Waste Sub-Area					Waste Sub-Area							
Sample No:			12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02							
Sample Date:			04-FEB-88					04-FEB-90					28-APR-93							
Sample Depth:			.0 - 2					.0 - 2					.0 - 2							
Parameter	*Units*		*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*			
PESTICIDES																				
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	.398	<	U	.398	-99			
1,2-Dichlorobenzene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99			
1,2-Diphenylhydrazine	mg/kg		1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99			
1,3-Dichlorobenzene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99			
1,4-Dichlorobenzene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99			
1-Chloronaphthalene	mg/kg		.66	<	U	.66	-99	.66	<	U	.66	-99	.795	<	U	.795	-99			
1-Naphthylamine	mg/kg																			
2,3,4,6-Tetrachlorophenol	mg/kg																			
2,4,5-Trichlorophenol	mg/kg		1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99			
2,4,6-Trichlorophenol	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99			
2,4-Dichlorophenol	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99			
2,4-Dimethylphenol	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99			
2,4-Dinitrophenol	mg/kg		1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99			
2,4-Dinitrotoluene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99			
2,6-Dichlorophenol	mg/kg																			
2,6-Dinitrotoluene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99			
2-Chloronaphthalene	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99			
2-Chlorophenol	mg/kg		.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99			

	Location Code:	12WW05					12WW07					16SB11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
	Sample Date:	19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
1,2-Dichlorobenzene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
1,2-Diphenylhydrazine	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
1,3-Dichlorobenzene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
1,4-Dichlorobenzene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
1-Chloronaphthalene	mg/kg	4.4	<	U	4.4	-99	.776	<	U	.776	-99					
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
2,4,6-Trichlorophenol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
2,4-Dichlorophenol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
2,4-Dimethylphenol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
2,4-Dinitrophenol	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
2,4-Dinitrotoluene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
2-Chloronaphthalene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
2-Chlorophenol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16SB11					16SD02					16SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)				
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95				
User Test Group	Sample Depth:	1.0 - 2					.0 - 1					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
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						.418	<	U	.418	-99					
1,2-Dichlorobenzene	mg/kg						.418	<	U	.418	-99					
1,2-Diphenylhydrazine	mg/kg						2.025	<	U	2.025	-99					
1,3-Dichlorobenzene	mg/kg						.418	<	U	.418	-99					
1,4-Dichlorobenzene	mg/kg						.418	<	U	.418	-99					
1-Chloronaphthalene	mg/kg						.835	<	U	.835	-99					
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg						2.025	<	U	2.025	-99					
2,4,6-Trichlorophenol	mg/kg						.418	<	U	.418	-99					
2,4-Dichlorophenol	mg/kg						.418	<	U	.418	-99					
2,4-Dimethylphenol	mg/kg						.418	<	U	.418	-99					
2,4-Dinitrophenol	mg/kg						2.025	<	U	2.025	-99					
2,4-Dinitrotoluene	mg/kg						.418	<	U	.418	-99					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						.418	<	U	.418	-99					
2-Chloronaphthalene	mg/kg						.418	<	U	.418	-99					
2-Chlorophenol	mg/kg						.418	<	U	.418	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16SD11					16WW27					16WW27								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC								
	Sample Date:	28-FEB-95					17-MAY-97					17-MAY-97								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0.5					.0 - 0.5								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
PESTICIDES																				
cis-nonachlor	mg/kg																			
delta-BHC	mg/kg						.18	<	U	.18	-99									
gamma-BHC (Lindane)	mg/kg						.081	<	U	.081	-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																			
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																			
2-Chlorophenol	mg/kg																			

Exhibit 1
Summary of Validated Soil Analytical Data
Waste Sub-Area - Part A
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:	Waste Sub-Area					Associated Site:	Waste Sub-Area					Associated Site:	Waste Sub-Area				
		Sample No:	16WW27(1-3)					Sample No:	16WW31(0-0.5)					Sample No:	16WW31(1-3)				
		Sample Date:	17-MAY-97					Sample Date:	29-MAY-97					Sample Date:	29-MAY-97				
		Sample Depth:	1.0 - 3					Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 3				
PESTICIDES																			
cis-nonachlor	mg/kg																		
delta-BHC	mg/kg		.17	<	U	.17	-99		.076	<	U	.076	-99		.077	<	U	.077	-99
gamma-BHC (Lindane)	mg/kg		.076	<	U	.076	-99		.17	<	U	.17	-99		.17	<	U	.17	-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																		
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																		
2-Chlorophenol	mg/kg																		

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Location Code:		16WW35					16WW35					16WW35				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
Sample Date:		25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.15	<	U	.15	-99	.167	<	U	.167	-99	.175	<	U	.175	-99
gamma-BHC (Lindane)	mg/kg	.0665	<	U	.0665	-99	.074	<	U	.074	-99	.0776	<	U	.0776	-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															
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group																
Location Code:		16WW37					16WW37					17SB01				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)				
Sample Date:		31-MAY-97					31-MAY-97					15-MAY-93				
Sample Depth:		.0 - 0.5					1.0 - 3					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.17	<	U	.17	-99	.18	<	U	.18	-99					
gamma-BHC (Lindane)	mg/kg	.078	<	U	.078	-99	.08	<	U	.08	-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											.413	<	U	.413	-99
1,2-Dichlorobenzene	mg/kg											.413	<	U	.413	-99
1,2-Diphenylhydrazine	mg/kg											2	<	U	2	-99
1,3-Dichlorobenzene	mg/kg											.413	<	U	.413	-99
1,4-Dichlorobenzene	mg/kg											.413	<	U	.413	-99
1-Chloronaphthalene	mg/kg											.825	<	U	.825	-99
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg											2	<	U	2	-99
2,4,6-Trichlorophenol	mg/kg											.413	<	U	.413	-99
2,4-Dichlorophenol	mg/kg											.413	<	U	.413	-99
2,4-Dimethylphenol	mg/kg											.413	<	U	.413	-99
2,4-Dinitrophenol	mg/kg											2	<	U	2	-99
2,4-Dinitrotoluene	mg/kg											.413	<	U	.413	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg											.413	<	U	.413	-99
2-Chloronaphthalene	mg/kg											.413	<	U	.413	-99
2-Chlorophenol	mg/kg											.413	<	U	.413	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB01					17SB02					17SB03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB01(02)					17SB02(0-2)					17SB03(0-2)				
	Sample Date:	15-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
1,2-Dichlorobenzene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
1,2-Diphenylhydrazine	mg/kg	1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
1,3-Dichlorobenzene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
1,4-Dichlorobenzene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
1-Chloronaphthalene	mg/kg	.795	<	U	.795	-99	3.793	<	U	3.793	-99	3.976	<	U	3.976	-99
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
2,4,6-Trichlorophenol	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
2,4-Dichlorophenol	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
2,4-Dimethylphenol	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
2,4-Dinitrophenol	mg/kg	1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
2,4-Dinitrotoluene	mg/kg	.398	<	U	.398	-99	7100			759	-99	13			1.988	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.398	<	U	.398	-99	760			152	-99	4.6			1.988	-99
2-Chloronaphthalene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
2-Chlorophenol	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB03					17SB04					17SB05								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)								
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93								
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
PESTICIDES																				
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						.825	<	U	.825	-99	.413	<	U	.413	-99				
1,2-Dichlorobenzene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99				
1,2-Diphenylhydrazine	mg/kg						4	<	U	4	-99	2	<	U	2	-99				
1,3-Dichlorobenzene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99				
1,4-Dichlorobenzene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99				
1-Chloronaphthalene	mg/kg						1.65	<	U	1.65	-99	.825	<	U	.825	-99				
1-Naphthylamine	mg/kg																			
2,3,4,6-Tetrachlorophenol	mg/kg																			
2,4,5-Trichlorophenol	mg/kg						4	<	U	4	-99	2	<	U	2	-99				
2,4,6-Trichlorophenol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99				
2,4-Dichlorophenol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99				
2,4-Dimethylphenol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99				
2,4-Dinitrophenol	mg/kg						4	<	U	4	-99	2	<	U	2	-99				
2,4-Dinitrotoluene	mg/kg						5.7			.825	-99	.413	<	U	.413	-99				
2,6-Dichlorophenol	mg/kg																			
2,6-Dinitrotoluene	mg/kg						1.8			.825	-99	.413	<	U	.413	-99				
2-Chloronaphthalene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99				
2-Chlorophenol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99				

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB06					17SB07					17SB09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
	Sample Date:	15-MAY-93					16-MAY-93					30-MAY-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																
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	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
1,2-Dichlorobenzene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
1,2-Diphenylhydrazine	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
1,3-Dichlorobenzene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
1,4-Dichlorobenzene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
1-Chloronaphthalene	mg/kg	3.548	<	U	3.548	-99	.805	<	U	.805	-99					
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
2,4,6-Trichlorophenol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
2,4-Dichlorophenol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
2,4-Dimethylphenol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
2,4-Dinitrophenol	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
2,4-Dinitrotoluene	mg/kg	1.9			1.774	-99	.402	<	U	.402	-99					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	9.3			1.774	-99	.402	<	U	.402	-99					
2-Chloronaphthalene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
2-Chlorophenol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB09					17SB10					17SB10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
	Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																	
Location Code:		17SD01					17SD01					17SD02					
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area					
Sample No:		17SD01					17SD01(000.0)					17SD02					
Sample Date:		21-APR-93					02-MAR-95					21-APR-93					
Sample Depth:		.0 - 0					.0 - 0					.0 - 0					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																	
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	.493	<	U	.493	-99						.44	<	U	.44	-99	
1,2-Dichlorobenzene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99	
1,2-Diphenylhydrazine	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99	
1,3-Dichlorobenzene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99	
1,4-Dichlorobenzene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99	
1-Chloronaphthalene	mg/kg	.985	<	U	.985	-99						.88	<	U	.88	-99	
1-Naphthylamine	mg/kg																
2,3,4,6-Tetrachlorophenol	mg/kg																
2,4,5-Trichlorophenol	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99	
2,4,6-Trichlorophenol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99	
2,4-Dichlorophenol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99	
2,4-Dimethylphenol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99	
2,4-Dinitrophenol	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99	
2,4-Dinitrotoluene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99	
2,6-Dichlorophenol	mg/kg																
2,6-Dinitrotoluene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99	
2-Chloronaphthalene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99	
2-Chlorophenol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99	

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD02					17SD02					17SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD05					17SD06					17SD07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
	Sample Date:	02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	17SD08					17SD09					17SD10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD08(000.0)					17SD09(000.0)					17SD10				
	Sample Date:	05-MAR-95					05-MAR-95					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg											.0024	<	U	.0024	.0024
gamma-BHC (Lindane)	mg/kg											.0024	<	U	.0024	.0024
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											.48	<	U	.48	.48
1,2-Dichlorobenzene	mg/kg											.48	<	U	.48	.48
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg											.48	<	U	.48	.48
1,4-Dichlorobenzene	mg/kg											.48	<	U	.48	.48
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg											1.2	<	U	1.2	1.2
2,4,6-Trichlorophenol	mg/kg											.48	<	U	.48	.48
2,4-Dichlorophenol	mg/kg											.48	<	U	.48	.48
2,4-Dimethylphenol	mg/kg											.48	<	U	.48	.48
2,4-Dinitrophenol	mg/kg											1.2	<	U	1.2	1.2
2,4-Dinitrotoluene	mg/kg											.48	<	U	.48	.48
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg											.48	<	U	.48	.48
2-Chloronaphthalene	mg/kg											.48	<	U	.48	.48
2-Chlorophenol	mg/kg											.48	<	U	.48	.48

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD10					17SD11					17SD12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD10QC					17SD11					17SD12				
	Sample Date:	17-SEP-98					17-SEP-98					17-SEP-98				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.0023	<	U	.0023	.0023						.0024	<	U	.0024	.0024
gamma-BHC (Lindane)	mg/kg	.0023	<	U	.0023	.0023						.0024	<	U	.0024	.0024
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	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
1,2-Dichlorobenzene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
1,4-Dichlorobenzene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.2	<	U	1.2	1.2						5.9	<	U	5.9	5.9
2,4,6-Trichlorophenol	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
2,4-Dichlorophenol	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
2,4-Dimethylphenol	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
2,4-Dinitrophenol	mg/kg	1.2	<	U	1.2	1.2						5.9	<	U	5.9	5.9
2,4-Dinitrotoluene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
2-Chloronaphthalene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
2-Chlorophenol	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS04					17SS05					17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS09					17SS10					17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
	Sample Date:	05-MAR-95					15-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS13					17SS13					17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS14					17SS15					17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
	Sample Date:	01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS17					17SS18					17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
	Sample Date:	01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS21					17SS22					17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg						.0017	<	U	.0017	.0017	.0021	<	U	.0021	.0021
gamma-BHC (Lindane)	mg/kg						.0017	<	U	.0017	.0017	.0021	<	U	.0021	.0021
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						.7	<	U	.7	.7	.41	<	U	.41	.41
1,2-Dichlorobenzene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
1,4-Dichlorobenzene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
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	1.8	1	<	U	1	1
2,4,6-Trichlorophenol	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
2,4-Dichlorophenol	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
2,4-Dimethylphenol	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
2,4-Dinitrophenol	mg/kg						1.8	<	U	1.8	1.8	1	<	U	1	1
2,4-Dinitrotoluene	mg/kg						2.2			.7	.7	.41	<	U	.41	.41
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						19			3.5	3.5	.41	<	U	.41	.41
2-Chloronaphthalene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
2-Chlorophenol	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS22					17SS22					17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
	Sample Date:	20-AUG-98					20-AUG-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS23					17SS24					17SS24				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	17SS25					17SS25					17SS26				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS25(0-0.5)					17SS25(2.5-3)					C-17SS26(0-0.5)-9807				
		Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
		Sample Depth:	.0 - 0.5					2.5 - 3					.0 - 0.5				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
cis-nonachlor	mg/kg																
delta-BHC	mg/kg												.0018	<	U	.0018	.0018
gamma-BHC (Lindane)	mg/kg												.0018	<	U	.0018	.0018
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	.36
1,2-Dichlorobenzene	mg/kg												.36	<	U	.36	.36
1,2-Diphenylhydrazine	mg/kg																
1,3-Dichlorobenzene	mg/kg												.36	<	U	.36	.36
1,4-Dichlorobenzene	mg/kg												.36	<	U	.36	.36
1-Chloronaphthalene	mg/kg																
1-Naphthylamine	mg/kg																
2,3,4,6-Tetrachlorophenol	mg/kg																
2,4,5-Trichlorophenol	mg/kg												.9	<	U	.9	.9
2,4,6-Trichlorophenol	mg/kg												.36	<	U	.36	.36
2,4-Dichlorophenol	mg/kg												.36	<	U	.36	.36
2,4-Dimethylphenol	mg/kg												.36	<	U	.36	.36
2,4-Dinitrophenol	mg/kg												.9	<	U	.9	.9
2,4-Dinitrotoluene	mg/kg												.36	<	U	.36	.36
2,6-Dichlorophenol	mg/kg																
2,6-Dinitrotoluene	mg/kg												.36	<	U	.36	.36
2-Chloronaphthalene	mg/kg												.36	<	U	.36	.36
2-Chlorophenol	mg/kg												.36	<	U	.36	.36

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS26					17SS26					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
	Sample Date:	11-JUL-98					20-AUG-98					20-AUG-98				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.002	<	U	.002	.002										
gamma-BHC (Lindane)	mg/kg	.002	<	U	.002	.002										
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	.4										
1,2-Dichlorobenzene	mg/kg	.4	<	U	.4	.4										
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.4	<	U	.4	.4										
1,4-Dichlorobenzene	mg/kg	.4	<	U	.4	.4										
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1	<	U	1	1										
2,4,6-Trichlorophenol	mg/kg	.4	<	U	.4	.4										
2,4-Dichlorophenol	mg/kg	.4	<	U	.4	.4										
2,4-Dimethylphenol	mg/kg	.4	<	U	.4	.4										
2,4-Dinitrophenol	mg/kg	1	<	U	1	1										
2,4-Dinitrotoluene	mg/kg	.4	<	U	.4	.4										
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.4	<	U	.4	.4										
2-Chloronaphthalene	mg/kg	.4	<	U	.4	.4										
2-Chlorophenol	mg/kg	.4	<	U	.4	.4										

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

Report Date: 11/15/04

	Location Code:	17SS27					17SS27					17SS28				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	17SS28					17SS29					17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS31					17SS31					17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)					17SS31(2.5-3)					17SS31(2.5-3)QC				
	Sample Date:	14-JUL-98					14-JUL-98					14-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17WW01					18SD03					18SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
	Sample Date:	16-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.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																
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	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
1,2-Dichlorobenzene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
1,2-Diphenylhydrazine	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
1,3-Dichlorobenzene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
1,4-Dichlorobenzene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
1-Chloronaphthalene	mg/kg	3.929	<	U	3.929	-99	.892	<	U	.892	-99	.904	<	U	.904	-99
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
2,4,6-Trichlorophenol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
2,4-Dichlorophenol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
2,4-Dimethylphenol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
2,4-Dinitrophenol	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
2,4-Dinitrotoluene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
2-Chloronaphthalene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
2-Chlorophenol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD05					18SD06					18SD06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
1,2-Dichlorobenzene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
1,2-Diphenylhydrazine	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
1,3-Dichlorobenzene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
1,4-Dichlorobenzene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
1-Chloronaphthalene	mg/kg	.846	<	U	.846	-99	1.048	<	U	1.048	-99	1.015	<	U	1.015	-99
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
2,4,6-Trichlorophenol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
2,4-Dichlorophenol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
2,4-Dimethylphenol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
2,4-Dinitrophenol	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
2,4-Dinitrotoluene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
2-Chloronaphthalene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
2-Chlorophenol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD07					18SD07					18SD08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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	.446	<	U	.446	-99						.493	<	U	.493	-99
1,2-Dichlorobenzene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
1,2-Diphenylhydrazine	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
1,3-Dichlorobenzene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
1,4-Dichlorobenzene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
1-Chloronaphthalene	mg/kg	.892	<	U	.892	-99						.985	<	U	.985	-99
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
2,4,6-Trichlorophenol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
2,4-Dichlorophenol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
2,4-Dimethylphenol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
2,4-Dinitrophenol	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
2,4-Dinitrotoluene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
2-Chloronaphthalene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
2-Chlorophenol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD09					18SD10					18SD11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD29					18SS01					18SS02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)				
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.0022	<	U	.0022	.0022										
gamma-BHC (Lindane)	mg/kg	.0022	<	U	.0022	.0022										
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	.44	<	U	.44	.44										
1,2-Dichlorobenzene	mg/kg	.44	<	U	.44	.44										
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.44	<	U	.44	.44										
1,4-Dichlorobenzene	mg/kg	.44	<	U	.44	.44										
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.1	<	U	1.1	1.1										
2,4,6-Trichlorophenol	mg/kg	.44	<	U	.44	.44										
2,4-Dichlorophenol	mg/kg	.44	<	U	.44	.44										
2,4-Dimethylphenol	mg/kg	.44	<	U	.44	.44										
2,4-Dinitrophenol	mg/kg	1.1	<	U	1.1	1.1										
2,4-Dinitrotoluene	mg/kg	.44	<	U	.44	.44										
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.44	<	U	.44	.44										
2-Chloronaphthalene	mg/kg	.44	<	U	.44	.44										
2-Chlorophenol	mg/kg	.44	<	U	.44	.44										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS03					18SS05					18SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
	Sample Date:	17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS10					18SS11					18SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS12					18SS13					18SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
	Sample Date:	05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS15					18SS16					18SS17				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)				
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS18					18SS19					18SS20				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)				
	Sample Date:	18-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS21					18SS21					18SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)				
	Sample Date:	18-MAR-95					18-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS23					18SS24					18SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
	Sample Date:	05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-07					COE17-08					COE17-09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-07-01					COE17-08-01					COE17-09-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
2-Chlorophenol	mg/kg															

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

	Location Code:	COE17-10					COE17-11					COE17-12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-10-01					COE17-11-01					COE17-12-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-13					COE17-14					COE17-15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-13-01					COE17-14-01					COE17-15-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-16					FWS-088					FWS-101				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-16-01					CLNWR088					CLNWR101				
	Sample Date:	01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
delta-BHC	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
gamma-BHC (Lindane)	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
o,p'-DDD	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
o,p'-DDE	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
o,p'-DDT	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
oxychlordane	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
pentachloro-anisole	mg/kg						.000355	<	nv	.000355		.000428		nv	.000295	
trans-NONACHLOR	mg/kg						.000355	<	nv	.000355		.000295	<	nv	.000295	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
1,2,4-Trichlorobenzene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
1,2-Dichlorobenzene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
1,4-Dichlorobenzene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
1-Chloronaphthalene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
1-Naphthylamine	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2,3,4,6-Tetrachlorophenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2,4,5-Trichlorophenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2,4,6-Trichlorophenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2,4-Dichlorophenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2,4-Dimethylphenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2,4-Dinitrophenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2,4-Dinitrotoluene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2,6-Dichlorophenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2,6-Dinitrotoluene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2-Chloronaphthalene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2-Chlorophenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-108					FWS-119					FWS-123				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR108					CLNWR119					CLNWR123				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
delta-BHC	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
gamma-BHC (Lindane)	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
o,p'-DDD	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
o,p'-DDE	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
o,p'-DDT	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
oxychlordane	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
pentachloro-anisole	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
trans-NONACHLOR	mg/kg	.000329	<	nv	.000329		.000298	<	nv	.000298		.000305	<	nv	.000305	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
1,2,4-Trichlorobenzene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
1,2-Dichlorobenzene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
1,4-Dichlorobenzene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
1-Chloronaphthalene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
1-Naphthylamine	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2,3,4,6-Tetrachlorophenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2,4,5-Trichlorophenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2,4,6-Trichlorophenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2,4-Dichlorophenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2,4-Dimethylphenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2,4-Dinitrophenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2,4-Dinitrotoluene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2,6-Dichlorophenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2,6-Dinitrotoluene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2-Chloronaphthalene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2-Chlorophenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-124					LH-S114-01					LH-S114-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1				
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
cis-nonachlor	mg/kg	.000315	<	nv	.000315											
delta-BHC	mg/kg	.000315	<	nv	.000315											
gamma-BHC (Lindane)	mg/kg	.000315	<	nv	.000315											
o,p'-DDD	mg/kg	.000315	<	nv	.000315											
o,p'-DDE	mg/kg	.000315	<	nv	.000315											
o,p'-DDT	mg/kg	.000315	<	nv	.000315											
oxychlordane	mg/kg	.000315	<	nv	.000315											
pentachloro-anisole	mg/kg	.000315	<	nv	.000315											
trans-NONACHLOR	mg/kg	.000315	<	nv	.000315											
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.031	<	nv	.031											
1,2,4-Trichlorobenzene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
1,2-Dichlorobenzene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
1,4-Dichlorobenzene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
1-Chloronaphthalene	mg/kg	.031	<	nv	.031											
1-Naphthylamine	mg/kg	.031	<	nv	.031											
2,3,4,6-Tetrachlorophenol	mg/kg	.031	<	nv	.031											
2,4,5-Trichlorophenol	mg/kg	.031	<	nv	.031		1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
2,4,6-Trichlorophenol	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
2,4-Dichlorophenol	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
2,4-Dimethylphenol	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
2,4-Dinitrophenol	mg/kg	.031	<	nv	.031		1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
2,4-Dinitrotoluene	mg/kg	.031	<	nv	.031											
2,6-Dichlorophenol	mg/kg	.031	<	nv	.031											
2,6-Dinitrotoluene	mg/kg	.031	<	nv	.031											
2-Chloronaphthalene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
2-Chlorophenol	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LH-S115-01					LH-S115-02					LH-S115-02				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
Sample Date:		04-AUG-93					04-AUG-93					04-AUG-93				
User Test Group	*Sample Depth:*	.5 - 1					.6 - 2.6					.6 - 2.6				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
PESTICIDES																
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	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
1,2-Dichlorobenzene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
1,4-Dichlorobenzene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
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	1.65	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
2,4,6-Trichlorophenol	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
2,4-Dichlorophenol	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
2,4-Dimethylphenol	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
2,4-Dinitrophenol	mg/kg	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
2,4-Dinitrotoluene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
2-Chloronaphthalene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
2-Chlorophenol	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS01					STEP-17SS01					STEP-17SS01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(0-0.5)-020306					17SS01(00.5)0203FD					17SS01(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS03					STEP-17SS04					STEP-17SS04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS03(1-2)-020306					17SS04(0-0.5)-020306					17SS04(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS07					STEP-17SS08					STEP-17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS07(1-2)-020306					17SS08(0-0.5)-020306					17SS08(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS10					STEP-17SS11					STEP-17SS11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS10(1-2)-020306					17SS11(0-0.5)-020306					17SS11(00.5)0203FD				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS11					STEP-17SS12					STEP-17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS11(1-2)-020306					17SS12(0-0.5)-020306					17SS12(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS13					STEP-17SS13					STEP-17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(0-0.5)-020307					17SS13(1-2)-020307					17SS14(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS14					STEP-17SS15					STEP-17SS15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(1-2)-020307					17SS15(0-0.5)-020307					17SS15(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS20					STEP-17SS20					STEP-17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(0-0.5)-020307					17SS20(1-2)-020307					17SS21(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS21					STEP-17SS21					STEP-17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS22					STEP-17SS23					STEP-17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(1-2)-020307					17SS23(0-0.5)-020307					17SS23(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS25					STEP-17SS26					STEP-17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS26					STEP-17SS27					STEP-17SS27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS26(1-2)-020307					17SS27(0-0.5)-020307					17SS27(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS33					STEP-17SS34					STEP-17SS34				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS33(1-2)-020307					17SS34(0-0.5)-020308					17SS34(1-2)-020308				
		Sample Date:	07-MAR-02					08-MAR-02					08-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																	
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																
2-Chlorophenol	mg/kg																

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

Report Date: 11/15/04

	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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																
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															
2-Chlorophenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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																
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															
2-Chlorophenol	mg/kg															

	Location Code:	STEP-17SS37					
	Associated Site:	Waste Sub-Area					
	Sample No:	17SS37(1-2)-020308					
	Sample Date:	08-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
PESTICIDES							
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						
2-Chlorophenol	mg/kg						

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:		12SB01					12SB06					12SB06				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)				
Sample Date:		01-JUN-93					31-MAY-00					31-MAY-00				
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*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	.379	<	U	.379	-99										
2-Methylphenol	mg/kg	.379	<	U	.379	-99										
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.839	<	U	1.839	-99										
2-Nitrophenol	mg/kg	.379	<	U	.379	-99										
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.759	<	U	.759	-99										
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.839	<	U	1.839	-99										
4,6-Dinitro-2-methylphenol	mg/kg	1.839	<	U	1.839	-99										
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.379	<	U	.379	-99										
4-Chloro-3-methylphenol	mg/kg	.379	<	U	.379	-99										
4-Chloroaniline	mg/kg	.379	<	U	.379	-99										
4-Chlorophenyl phenyl ether	mg/kg	.379	<	U	.379	-99										
4-Methylphenol	mg/kg	.379	<	U	.379	-99										
4-Nitroaniline	mg/kg	1.839	<	U	1.839	-99										
4-Nitrophenol	mg/kg	1.839	<	U	1.839	-99										
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.379	<	U	.379	-99										
Acenaphthylene	mg/kg	.379	<	U	.379	-99										
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.379	<	U	.379	-99										
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.379	<	U	.379	-99										
Benzo(a)pyrene	mg/kg	.379	<	U	.379	-99										
Benzo(b)fluoranthene	mg/kg	.379	<	U	.379	-99										
Benzo(ghi)perylene	mg/kg	.379	<	U	.379	-99										
Benzo(k)fluoranthene	mg/kg	.379	<	U	.379	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB08					12SB09					12WW01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB08(0-0.5)					12SB09(0-0.5)					12WW01(0-2)				
	Sample Date:	31-MAY-00					31-MAY-00					27-APR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg											.407	<	U	.407	-99
2-Methylphenol	mg/kg											.407	<	U	.407	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg											1.975	<	U	1.975	-99
2-Nitrophenol	mg/kg											.407	<	U	.407	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg											.815	<	U	.815	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg											1.975	<	U	1.975	-99
4,6-Dinitro-2-methylphenol	mg/kg											1.975	<	U	1.975	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg											.407	<	U	.407	-99
4-Chloro-3-methylphenol	mg/kg											.407	<	U	.407	-99
4-Chloroaniline	mg/kg											.407	<	U	.407	-99
4-Chlorophenyl phenyl ether	mg/kg											.407	<	U	.407	-99
4-Methylphenol	mg/kg											.407	<	U	.407	-99
4-Nitroaniline	mg/kg											1.975	<	U	1.975	-99
4-Nitrophenol	mg/kg											1.975	<	U	1.975	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg											.407	<	U	.407	-99
Acenaphthylene	mg/kg											.407	<	U	.407	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg											.407	<	U	.407	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg											.407	<	U	.407	-99
Benzo(a)pyrene	mg/kg											.407	<	U	.407	-99
Benzo(b)fluoranthene	mg/kg											.407	<	U	.407	-99
Benzo(ghi)perylene	mg/kg											.407	<	U	.407	-99
Benzo(k)fluoranthene	mg/kg											.407	<	U	.407	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		12WW02					12WW02					12WW02				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02				
Sample Date:		04-FEB-88					04-FEB-90					28-APR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
2-Methylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99
2-Nitrophenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.66	<	U	.66	-99	.66	<	U	.66	-99	.795	<	U	.795	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99
4,6-Dinitro-2-methylphenol	mg/kg	1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
4-Chloro-3-methylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
4-Chloroaniline	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
4-Chlorophenyl phenyl ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
4-Methylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
4-Nitroaniline	mg/kg	1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99
4-Nitrophenol	mg/kg	1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Acenaphthylene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Benzo(a)pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Benzo(b)fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Benzo(ghi)perylene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Benzo(k)fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		12WW05					12WW07					16SB11				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
Sample Date:		19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
2-Methylphenol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
2-Nitrophenol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	4.4	<	U	4.4	-99	.776	<	U	.776	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
4,6-Dinitro-2-methylphenol	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
4-Chloro-3-methylphenol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
4-Chloroaniline	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
4-Chlorophenyl phenyl ether	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
4-Methylphenol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
4-Nitroaniline	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
4-Nitrophenol	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Acenaphthylene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Benzo(a)pyrene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Benzo(b)fluoranthene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Benzo(ghi)perylene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Benzo(k)fluoranthene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					

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

Report Date: 11/15/04

	Location Code:	16SB11					16SD02					16SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)				
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 1					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg						.418	<	U	.418	-99					
2-Methylphenol	mg/kg						.418	<	U	.418	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						2.025	<	U	2.025	-99					
2-Nitrophenol	mg/kg						.418	<	U	.418	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.835	<	U	.835	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						2.025	<	U	2.025	-99					
4,6-Dinitro-2-methylphenol	mg/kg						2.025	<	U	2.025	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.418	<	U	.418	-99					
4-Chloro-3-methylphenol	mg/kg						.418	<	U	.418	-99					
4-Chloroaniline	mg/kg						.418	<	U	.418	-99					
4-Chlorophenyl phenyl ether	mg/kg						.418	<	U	.418	-99					
4-Methylphenol	mg/kg						.418	<	U	.418	-99					
4-Nitroaniline	mg/kg						2.025	<	U	2.025	-99					
4-Nitrophenol	mg/kg						2.025	<	U	2.025	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg						.418	<	U	.418	-99					
Acenaphthylene	mg/kg						.418	<	U	.418	-99					
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg						.418	<	U	.418	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.418	<	U	.418	-99					
Benzo(a)pyrene	mg/kg						.418	<	U	.418	-99					
Benzo(b)fluoranthene	mg/kg						.418	<	U	.418	-99					
Benzo(ghi)perylene	mg/kg						.418	<	U	.418	-99					
Benzo(k)fluoranthene	mg/kg						.418	<	U	.418	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group																
Location Code:		16SD11					16WW27					16WW27				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC				
Sample Date:		28-FEB-95					17-MAY-97					17-MAY-97				
Sample Depth:		.0 - 0					.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-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															
Benzo(k)fluoranthene	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	16WW27					16WW31					16WW31				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	16WW27(1-3)					16WW31(0-0.5)					16WW31(1-3)				
		Sample Date:	17-MAY-97					29-MAY-97					29-MAY-97				
		Sample Depth:	1.0 - 3					.0 - 0.5					1.0 - 3				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16WW35					16WW35					16WW35				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
	Sample Date:	25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

	Location Code:	16WW37					16WW37					17SB01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)				
	Sample Date:	31-MAY-97					31-MAY-97					15-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg											.413	<	U	.413	-99
2-Methylphenol	mg/kg											.413	<	U	.413	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg											2	<	U	2	-99
2-Nitrophenol	mg/kg											.413	<	U	.413	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg											.825	<	U	.825	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg											2	<	U	2	-99
4,6-Dinitro-2-methylphenol	mg/kg											2	<	U	2	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg											.413	<	U	.413	-99
4-Chloro-3-methylphenol	mg/kg											.413	<	U	.413	-99
4-Chloroaniline	mg/kg											.413	<	U	.413	-99
4-Chlorophenyl phenyl ether	mg/kg											.413	<	U	.413	-99
4-Methylphenol	mg/kg											.413	<	U	.413	-99
4-Nitroaniline	mg/kg											2	<	U	2	-99
4-Nitrophenol	mg/kg											2	<	U	2	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg											.413	<	U	.413	-99
Acenaphthylene	mg/kg											.413	<	U	.413	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg											.413	<	U	.413	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg											1.6			.413	-99
Benzo(a)pyrene	mg/kg											1.7			.413	-99
Benzo(b)fluoranthene	mg/kg											.413	<	U	.413	-99
Benzo(ghi)perylene	mg/kg											1.1			.413	-99
Benzo(k)fluoranthene	mg/kg											.413	<	U	.413	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group		*Location Code:*	17SB01					17SB02					17SB03				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SB01(02)					17SB02(0-2)					17SB03(0-2)				
		Sample Date:	15-MAY-93					15-MAY-93					16-MAY-93				
		Sample Depth:	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*		*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																	
2-Methylnaphthalene	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
2-Methylphenol	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
2-Naphthylamine	mg/kg																
2-Nitroaniline	mg/kg		1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
2-Nitrophenol	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
2-Picoline	mg/kg																
3,3'-Dichlorobenzidine	mg/kg		.795	<	U	.795	-99	3.793	<	U	3.793	-99	3.976	<	U	3.976	-99
3-Methylcholanthrene	mg/kg																
3-Nitroaniline	mg/kg		1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
4,6-Dinitro-2-methylphenol	mg/kg		1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
4-Aminobiphenyl	mg/kg																
4-Bromophenyl phenyl ether	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
4-Chloro-3-methylphenol	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
4-Chloroaniline	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
4-Chlorophenyl phenyl ether	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
4-Methylphenol	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
4-Nitroaniline	mg/kg		1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
4-Nitrophenol	mg/kg		1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg																
Acenaphthene	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Acenaphthylene	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Acentophenone	mg/kg																
Aniline	mg/kg																
Anthracene	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Benzidine	mg/kg																
Benzo(a)anthracene	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Benzo(a)pyrene	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Benzo(b)fluoranthene	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Benzo(ghi)perylene	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Benzo(k)fluoranthene	mg/kg		.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99

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

Report Date: 11/15/04

	Location Code:	17SB03					17SB04					17SB05				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)				
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
2-Methylphenol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						4	<	U	4	-99	2	<	U	2	-99
2-Nitrophenol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						1.65	<	U	1.65	-99	.825	<	U	.825	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						4	<	U	4	-99	2	<	U	2	-99
4,6-Dinitro-2-methylphenol	mg/kg						4	<	U	4	-99	2	<	U	2	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
4-Chloro-3-methylphenol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
4-Chloroaniline	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
4-Chlorophenyl phenyl ether	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
4-Methylphenol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
4-Nitroaniline	mg/kg						4	<	U	4	-99	2	<	U	2	-99
4-Nitrophenol	mg/kg						4	<	U	4	-99	2	<	U	2	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Acenaphthylene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Benzo(a)pyrene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Benzo(b)fluoranthene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Benzo(ghi)perylene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Benzo(k)fluoranthene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SB06					17SB07					17SB09				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
Sample Date:		15-MAY-93					16-MAY-93					30-MAY-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																
2-Methylnaphthalene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
2-Methylphenol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
2-Nitrophenol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	3.548	<	U	3.548	-99	.805	<	U	.805	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
4,6-Dinitro-2-methylphenol	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
4-Chloro-3-methylphenol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
4-Chloroaniline	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
4-Chlorophenyl phenyl ether	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
4-Methylphenol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
4-Nitroaniline	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
4-Nitrophenol	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Acenaphthylene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Benzo(a)pyrene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Benzo(b)fluoranthene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Benzo(ghi)perylene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Benzo(k)fluoranthene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	17SB09					17SB10					17SB10				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
		Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
		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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SD01					17SD01					17SD02				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SD01					17SD01(000.0)					17SD02				
Sample Date:		21-APR-93					02-MAR-95					21-APR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
2-Methylphenol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99
2-Nitrophenol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.985	<	U	.985	-99						.88	<	U	.88	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99
4,6-Dinitro-2-methylphenol	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
4-Chloro-3-methylphenol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
4-Chloroaniline	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
4-Chlorophenyl phenyl ether	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
4-Methylphenol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
4-Nitroaniline	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99
4-Nitrophenol	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Acenaphthylene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Benzo(a)pyrene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Benzo(b)fluoranthene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Benzo(ghi)perylene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Benzo(k)fluoranthene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD02					17SD02					17SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD05					17SD06					17SD07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
	Sample Date:	02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD08					17SD09					17SD10								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	17SD08(000.0)					17SD09(000.0)					17SD10								
	Sample Date:	05-MAR-95					05-MAR-95					17-SEP-98								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
2-Methylnaphthalene	mg/kg											.48	<	U	.48	.48				
2-Methylphenol	mg/kg											.48	<	U	.48	.48				
2-Naphthylamine	mg/kg																			
2-Nitroaniline	mg/kg											1.2	<	U	1.2	1.2				
2-Nitrophenol	mg/kg											.48	<	U	.48	.48				
2-Picoline	mg/kg																			
3,3'-Dichlorobenzidine	mg/kg											.48	<	U	.48	.48				
3-Methylcholanthrene	mg/kg																			
3-Nitroaniline	mg/kg											1.2	<	U	1.2	1.2				
4,6-Dinitro-2-methylphenol	mg/kg											1.2	<	U	1.2	1.2				
4-Aminobiphenyl	mg/kg																			
4-Bromophenyl phenyl ether	mg/kg											.48	<	U	.48	.48				
4-Chloro-3-methylphenol	mg/kg											.48	<	U	.48	.48				
4-Chloroaniline	mg/kg											.48	<	U	.48	.48				
4-Chlorophenyl phenyl ether	mg/kg											.48	<	U	.48	.48				
4-Methylphenol	mg/kg											.48	<	U	.48	.48				
4-Nitroaniline	mg/kg											1.2	<	U	1.2	1.2				
4-Nitrophenol	mg/kg											1.2	<	U	1.2	1.2				
7,12-Dimethylbenz(a)-anthracene	mg/kg																			
Acenaphthene	mg/kg											.48	<	U	.48	.48				
Acenaphthylene	mg/kg											.48	<	U	.48	.48				
Acentophenone	mg/kg																			
Aniline	mg/kg																			
Anthracene	mg/kg											.48	<	U	.48	.48				
Benzidine	mg/kg																			
Benzo(a)anthracene	mg/kg											.48	<	U	.48	.48				
Benzo(a)pyrene	mg/kg											.24	<	U	.24	.24				
Benzo(b)fluoranthene	mg/kg											.48	<	U	.48	.48				
Benzo(ghi)perylene	mg/kg											.48	<	U	.48	.48				
Benzo(k)fluoranthene	mg/kg											.48	<	U	.48	.48				

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SD10					17SD11					17SD12				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SD10QC					17SD11					17SD12				
Sample Date:		17-SEP-98					17-SEP-98					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
2-Methylphenol	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.2	<	U	1.2	1.2						5.9	<	U	5.9	5.9
2-Nitrophenol	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.2	<	U	1.2	1.2						5.9	<	U	5.9	5.9
4,6-Dinitro-2-methylphenol	mg/kg	1.2	<	U	1.2	1.2						5.9	<	U	5.9	5.9
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
4-Chloro-3-methylphenol	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
4-Chloroaniline	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
4-Chlorophenyl phenyl ether	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
4-Methylphenol	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
4-Nitroaniline	mg/kg	1.2	<	U	1.2	1.2						5.9	<	U	5.9	5.9
4-Nitrophenol	mg/kg	1.2	<	U	1.2	1.2						5.9	<	U	5.9	5.9
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
Acenaphthylene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
Benzo(a)pyrene	mg/kg	.23	<	U	.23	.23						1.2	<	U	1.2	1.2
Benzo(b)fluoranthene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
Benzo(ghi)perylene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
Benzo(k)fluoranthene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS04					17SS05					17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group																
Location Code:		17SS09					17SS10					17SS12				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
Sample Date:		05-MAR-95					15-MAR-95					05-MAR-95				
Sample Depth:		.5 - 0.5					.0 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS13					17SS13					17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS14					17SS15					17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
	Sample Date:	01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS17					17SS18					17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
	Sample Date:	01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.5 - 0.5					.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-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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																					
Location Code:		17SS21					17SS22					17SS22				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
Sample Date:		11-JUL-98					11-JUL-98					11-JUL-98				
Sample Depth:		2.5 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
2-Methylphenol	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						1.8	<	U	1.8	1.8	1	<	U	1	1
2-Nitrophenol	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						1.8	<	U	1.8	1.8	1	<	U	1	1
4,6-Dinitro-2-methylphenol	mg/kg						1.8	<	U	1.8	1.8	1	<	U	1	1
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
4-Chloro-3-methylphenol	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
4-Chloroaniline	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
4-Chlorophenyl phenyl ether	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
4-Methylphenol	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
4-Nitroaniline	mg/kg						1.8	<	U	1.8	1.8	1	<	U	1	1
4-Nitrophenol	mg/kg						1.8	<	U	1.8	1.8	1	<	U	1	1
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Acenaphthylene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Benzo(a)pyrene	mg/kg						.35	<	U	.35	.35	.21	<	U	.21	.21
Benzo(b)fluoranthene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Benzo(ghi)perylene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Benzo(k)fluoranthene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS22					17SS22					17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
	Sample Date:	20-AUG-98					20-AUG-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS23					17SS24					17SS24				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code: 17SS25 / Associated Site: Waste Sub-Area / Sample No: 17SS25(0-0.5) / Sample Date: 11-JUL-98 / Sample Depth: .0 - 0.5					Location Code: 17SS25 / Associated Site: Waste Sub-Area / Sample No: 17SS25(2.5-3) / Sample Date: 11-JUL-98 / Sample Depth: 2.5 - 3					Location Code: 17SS26 / Associated Site: Waste Sub-Area / Sample No: C-17SS26(0-0.5)-9807 / Sample Date: 11-JUL-98 / Sample Depth: .0 - 0.5				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg											.36	<	U	.36	.36
2-Methylphenol	mg/kg											.36	<	U	.36	.36
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg											.9	<	U	.9	.9
2-Nitrophenol	mg/kg											.36	<	U	.36	.36
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg											.36	<	U	.36	.36
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg											.9	<	U	.9	.9
4,6-Dinitro-2-methylphenol	mg/kg											.9	<	U	.9	.9
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg											.36	<	U	.36	.36
4-Chloro-3-methylphenol	mg/kg											.36	<	U	.36	.36
4-Chloroaniline	mg/kg											.36	<	U	.36	.36
4-Chlorophenyl phenyl ether	mg/kg											.36	<	U	.36	.36
4-Methylphenol	mg/kg											.36	<	U	.36	.36
4-Nitroaniline	mg/kg											.9	<	U	.9	.9
4-Nitrophenol	mg/kg											.9	<	U	.9	.9
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg											.36	<	U	.36	.36
Acenaphthylene	mg/kg											.36	<	U	.36	.36
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg											.36	<	U	.36	.36
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg											.36	<	U	.36	.36
Benzo(a)pyrene	mg/kg											.18	<	U	.18	.18
Benzo(b)fluoranthene	mg/kg											.36	<	U	.36	.36
Benzo(ghi)perylene	mg/kg											.36	<	U	.36	.36
Benzo(k)fluoranthene	mg/kg											.36	<	U	.36	.36

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS26					17SS26					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
	Sample Date:	11-JUL-98					20-AUG-98					20-AUG-98				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	.4	<	U	.4	.4										
2-Methylphenol	mg/kg	.4	<	U	.4	.4										
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1	<	U	1	1										
2-Nitrophenol	mg/kg	.4	<	U	.4	.4										
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.4	<	U	.4	.4										
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1	<	U	1	1										
4,6-Dinitro-2-methylphenol	mg/kg	1	<	U	1	1										
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.4	<	U	.4	.4										
4-Chloro-3-methylphenol	mg/kg	.4	<	U	.4	.4										
4-Chloroaniline	mg/kg	.4	<	U	.4	.4										
4-Chlorophenyl phenyl ether	mg/kg	.4	<	U	.4	.4										
4-Methylphenol	mg/kg	.4	<	U	.4	.4										
4-Nitroaniline	mg/kg	1	<	U	1	1										
4-Nitrophenol	mg/kg	1	<	U	1	1										
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.4	<	U	.4	.4										
Acenaphthylene	mg/kg	.4	<	U	.4	.4										
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.4	<	U	.4	.4										
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.4	<	U	.4	.4										
Benzo(a)pyrene	mg/kg	.2	<	U	.2	.2										
Benzo(b)fluoranthene	mg/kg	.4	<	U	.4	.4										
Benzo(ghi)perylene	mg/kg	.4	<	U	.4	.4										
Benzo(k)fluoranthene	mg/kg	.4	<	U	.4	.4										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS27					17SS27					17SS28				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group / Parameter	Units	Location Code:	17SS28					17SS29					17SS29				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
		Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
		Sample Depth:	2.5 - 3					.0 - 0.5					2.5 - 3				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS31					17SS31					17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)					17SS31(2.5-3)					17SS31(2.5-3)QC				
	Sample Date:	14-JUL-98					14-JUL-98					14-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17WW01					18SD03					18SD04				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
Sample Date:		16-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.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*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
2-Methylphenol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
2-Nitrophenol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	3.929	<	U	3.929	-99	.892	<	U	.892	-99	.904	<	U	.904	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
4,6-Dinitro-2-methylphenol	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
4-Chloro-3-methylphenol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
4-Chloroaniline	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
4-Chlorophenyl phenyl ether	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
4-Methylphenol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
4-Nitroaniline	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
4-Nitrophenol	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Acenaphthylene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Benzo(a)pyrene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Benzo(b)fluoranthene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Benzo(ghi)perylene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Benzo(k)fluoranthene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SD05					18SD06					18SD06				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
Sample Date:		02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.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-Methylnaphthalene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
2-Methylphenol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
2-Nitrophenol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.846	<	U	.846	-99	1.048	<	U	1.048	-99	1.015	<	U	1.015	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
4,6-Dinitro-2-methylphenol	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
4-Chloro-3-methylphenol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
4-Chloroaniline	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
4-Chlorophenyl phenyl ether	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
4-Methylphenol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
4-Nitroaniline	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
4-Nitrophenol	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Acenaphthylene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Benzo(a)pyrene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Benzo(b)fluoranthene	mg/kg	.75			.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Benzo(ghi)perylene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Benzo(k)fluoranthene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD07					18SD07					18SD08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.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-Methylnaphthalene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
2-Methylphenol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
2-Nitrophenol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.892	<	U	.892	-99						.985	<	U	.985	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
4,6-Dinitro-2-methylphenol	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
4-Chloro-3-methylphenol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
4-Chloroaniline	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
4-Chlorophenyl phenyl ether	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
4-Methylphenol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
4-Nitroaniline	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
4-Nitrophenol	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Acenaphthylene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Benzo(a)pyrene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Benzo(b)fluoranthene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Benzo(ghi)perylene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Benzo(k)fluoranthene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD09					18SD10					18SD11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD29					18SS01					18SS02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)				
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	.44	<	U	.44	.44										
2-Methylphenol	mg/kg	.44	<	U	.44	.44										
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.1	<	U	1.1	1.1										
2-Nitrophenol	mg/kg	.44	<	U	.44	.44										
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.44	<	U	.44	.44										
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.1	<	U	1.1	1.1										
4,6-Dinitro-2-methylphenol	mg/kg	1.1	<	U	1.1	1.1										
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.44	<	U	.44	.44										
4-Chloro-3-methylphenol	mg/kg	.44	<	U	.44	.44										
4-Chloroaniline	mg/kg	.44	<	U	.44	.44										
4-Chlorophenyl phenyl ether	mg/kg	.44	<	U	.44	.44										
4-Methylphenol	mg/kg	.44	<	U	.44	.44										
4-Nitroaniline	mg/kg	1.1	<	U	1.1	1.1										
4-Nitrophenol	mg/kg	1.1	<	U	1.1	1.1										
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.44	<	U	.44	.44										
Acenaphthylene	mg/kg	.44	<	U	.44	.44										
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.44	<	U	.44	.44										
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.44	<	U	.44	.44										
Benzo(a)pyrene	mg/kg	.22	<	U	.22	.22										
Benzo(b)fluoranthene	mg/kg	.44	<	U	.44	.44										
Benzo(ghi)perylene	mg/kg	.44	<	U	.44	.44										
Benzo(k)fluoranthene	mg/kg	.44	<	U	.44	.44										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS03					18SS05					18SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
	Sample Date:	17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS10					18SS11					18SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS12					18SS13					18SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
	Sample Date:	05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS15					18SS16					18SS17				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)				
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS18					18SS19					18SS20				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)				
	Sample Date:	18-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS21					18SS21					18SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)				
	Sample Date:	18-MAR-95					18-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS23					18SS24					18SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
	Sample Date:	05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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-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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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-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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-07					COE17-08					COE17-09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-07-01					COE17-08-01					COE17-09-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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-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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-10					COE17-11					COE17-12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-10-01					COE17-11-01					COE17-12-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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-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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-13					COE17-14					COE17-15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-13-01					COE17-14-01					COE17-15-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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-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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	COE17-16					FWS-088					FWS-101				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-16-01					CLNWR088					CLNWR101				
	Sample Date:	01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.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-Methylnaphthalene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2-Methylphenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2-Naphthylamine	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2-Nitroaniline	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2-Nitrophenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
2-Picoline	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
3,3'-Dichlorobenzidine	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
3-Methylcholanthrene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
3-Nitroaniline	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
4,6-Dinitro-2-methylphenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
4-Aminobiphenyl	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
4-Bromophenyl phenyl ether	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
4-Chloro-3-methylphenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
4-Chloroaniline	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
4-Chlorophenyl phenyl ether	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
4-Methylphenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
4-Nitroaniline	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
4-Nitrophenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
7,12-Dimethylbenz(a)-anthracene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Acenaphthene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Acenaphthylene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Acentophenone	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Aniline	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Anthracene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Benzidine	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Benzo(a)anthracene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Benzo(a)pyrene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Benzo(b)fluoranthene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Benzo(ghi)perylene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Benzo(k)fluoranthene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-108					FWS-119					FWS-123				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR108					CLNWR119					CLNWR123				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.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-Methylnaphthalene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2-Methylphenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2-Naphthylamine	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2-Nitroaniline	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2-Nitrophenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
2-Picoline	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
3,3'-Dichlorobenzidine	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
3-Methylcholanthrene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
3-Nitroaniline	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
4,6-Dinitro-2-methylphenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
4-Aminobiphenyl	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
4-Bromophenyl phenyl ether	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
4-Chloro-3-methylphenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
4-Chloroaniline	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
4-Chlorophenyl phenyl ether	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
4-Methylphenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
4-Nitroaniline	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
4-Nitrophenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
7,12-Dimethylbenz(a)-anthracene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Acenaphthene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Acenaphthylene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Acentophenone	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Aniline	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Anthracene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Benzidine	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Benzo(a)anthracene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Benzo(a)pyrene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Benzo(b)fluoranthene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Benzo(ghi)perylene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Benzo(k)fluoranthene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-124					LH-S114-01					LH-S114-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1				
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
2-Methylphenol	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
2-Naphthylamine	mg/kg	.031	<	nv	.031											
2-Nitroaniline	mg/kg	.031	<	nv	.031		1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
2-Nitrophenol	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
2-Picoline	mg/kg	.031	<	nv	.031											
3,3'-Dichlorobenzidine	mg/kg	.031	<	nv	.031		.65	<	U	.65	.65	.65	<	U	.65	.65
3-Methylcholanthrene	mg/kg	.031	<	nv	.031											
3-Nitroaniline	mg/kg	.031	<	nv	.031		1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
4,6-Dinitro-2-methylphenol	mg/kg	.031	<	nv	.031		1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
4-Aminobiphenyl	mg/kg	.031	<	nv	.031											
4-Bromophenyl phenyl ether	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
4-Chloro-3-methylphenol	mg/kg	.031	<	nv	.031		.65	<	U	.65	.65	.65	<	U	.65	.65
4-Chloroaniline	mg/kg	.031	<	nv	.031		.65	<	U	.65	.65	.65	<	U	.65	.65
4-Chlorophenyl phenyl ether	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
4-Methylphenol	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
4-Nitroaniline	mg/kg	.031	<	nv	.031		1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
4-Nitrophenol	mg/kg	.031	<	nv	.031		1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
7,12-Dimethylbenz(a)-anthracene	mg/kg	.031	<	nv	.031											
Acenaphthene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Acenaphthylene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Acentophenone	mg/kg	.031	<	nv	.031											
Aniline	mg/kg	.031	<	nv	.031											
Anthracene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Benzidine	mg/kg	.031	<	nv	.031											
Benzo(a)anthracene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Benzo(a)pyrene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Benzo(b)fluoranthene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Benzo(ghi)perylene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Benzo(k)fluoranthene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33

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

Report Date: 11/15/04

Location Code:		LH-S115-01					LH-S115-02					LH-S115-02				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
Sample Date:		04-AUG-93					04-AUG-93					04-AUG-93				
User Test Group	*Sample Depth:*	.5 - 1					.6 - 2.6					.6 - 2.6				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
2-Methylnaphthalene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
2-Methylphenol	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
2-Nitrophenol	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.65	<	U	.65	.65	.65	<	U	.65	.65	.65	<	U	.65	.65
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
4,6-Dinitro-2-methylphenol	mg/kg	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
4-Chloro-3-methylphenol	mg/kg	.65	<	U	.65	.65	.65	<	U	.65	.65	.65	<	U	.65	.65
4-Chloroaniline	mg/kg	.65	<	U	.65	.65	.65	<	U	.65	.65	.65	<	U	.65	.65
4-Chlorophenyl phenyl ether	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
4-Methylphenol	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
4-Nitroaniline	mg/kg	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
4-Nitrophenol	mg/kg	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Acenaphthylene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Acentophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Benzo(a)pyrene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Benzo(b)fluoranthene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.001	<	U	.001	.001
Benzo(ghi)perylene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Benzo(k)fluoranthene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.001	<	U	.001	.001

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:					Associated Site:					Sample No:				
		STEP-17SS01					Waste Sub-Area					17SS01(0-0.5)-020306				
		Sample Date:					Sample Depth:									
		06-MAR-02					.0 - 0.5									
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

User Test Group / Parameter	Units	Location Code:					Associated Site:					Sample No:				
		STEP-17SS01					Waste Sub-Area					17SS01(00.5)0203FD				
		Sample Date:					Sample Depth:									
		06-MAR-02					.0 - 0.5									
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

User Test Group / Parameter	Units	Location Code:					Associated Site:					Sample No:				
		STEP-17SS01					Waste Sub-Area					17SS01(1-2)-020306				
		Sample Date:					Sample Depth:									
		06-MAR-02					1.0 - 2									
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS03					STEP-17SS04					STEP-17SS04				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS03(1-2)-020306					17SS04(0-0.5)-020306					17SS04(1-2)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS07					STEP-17SS08					STEP-17SS08				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS07(1-2)-020306					17SS08(0-0.5)-020306					17SS08(1-2)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS10					STEP-17SS11					STEP-17SS11				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS10(1-2)-020306					17SS11(0-0.5)-020306					17SS11(00.5)0203FD				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS11					STEP-17SS12					STEP-17SS12				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS11(1-2)-020306					17SS12(0-0.5)-020306					17SS12(1-2)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS13					STEP-17SS13					STEP-17SS14				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS13(0-0.5)-020307					17SS13(1-2)-020307					17SS14(0-0.5)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS14					STEP-17SS15					STEP-17SS15				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS14(1-2)-020307					17SS15(0-0.5)-020307					17SS15(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS20					STEP-17SS20					STEP-17SS21				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS20(0-0.5)-020307					17SS20(1-2)-020307					17SS21(0-0.5)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

	Location Code:	STEP-17SS21					STEP-17SS21					STEP-17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS22					STEP-17SS23					STEP-17SS23				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS22(1-2)-020307					17SS23(0-0.5)-020307					17SS23(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS25					STEP-17SS26					STEP-17SS26				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS26					STEP-17SS27					STEP-17SS27				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS26(1-2)-020307					17SS27(0-0.5)-020307					17SS27(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS33					STEP-17SS34					STEP-17SS34				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS33(1-2)-020307					17SS34(0-0.5)-020308					17SS34(1-2)-020308				
	Sample Date:	07-MAR-02					08-MAR-02					08-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*
SEMIVOLATILES																
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															
Benzo(k)fluoranthene	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
		Sample Date:	08-MAR-02					08-MAR-02					08-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
		Sample Date:	08-MAR-02					08-MAR-02					08-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
SEMIVOLATILES																	
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																
Benzo(k)fluoranthene	mg/kg																

Location Code:	STEP-17SS37
Associated Site:	Waste Sub-Area
Sample No:	17SS37(1-2)-020308
Sample Date:	08-MAR-02
User Test Group / *Sample Depth:*	1.0 - 2

Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES						
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					
Benzo(k)fluoranthene	mg/kg					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB01					12SB06					12SB06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)				
	Sample Date:	01-JUN-93					31-MAY-00					31-MAY-00				
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*
SEMIVOLATILES																
Benzoic Acid	mg/kg	1.839	<	U	1.839	-99										
Benzyl Alcohol	mg/kg	.379	<	U	.379	-99										
Butyl benzyl phthalate	mg/kg	.379	<	U	.379	-99										
Carbazole	mg/kg															
Chrysene	mg/kg	.379	<	U	.379	-99										
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.379	<	U	.379	-99										
Dibenzofuran	mg/kg	.379	<	U	.379	-99										
Diethyl phthalate	mg/kg	.379	<	U	.379	-99										
Dimethyl phthalate	mg/kg	.379	<	U	.379	-99										
Diphenylamine	mg/kg	1.149	<	U	1.149	-99										
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.379	<	U	.379	-99										
Fluorene	mg/kg	.379	<	U	.379	-99										
Hexachlorobenzene	mg/kg	.379	<	U	.379	-99										
Hexachlorobutadiene	mg/kg	.379	<	U	.379	-99										
Hexachlorocyclopentadiene	mg/kg	.379	<	U	.379	-99										
Hexachloroethane	mg/kg	.379	<	U	.379	-99										
Indeno(1,2,3-cd)pyrene	mg/kg	.379	<	U	.379	-99										
Isophorone	mg/kg	.379	<	U	.379	-99										
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.379	<	U	.379	-99										
Nitrobenzene	mg/kg	.379	<	U	.379	-99										
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.839	<	U	1.839	-99										
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.379	<	U	.379	-99										
Phenol	mg/kg	.379	<	U	.379	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB08					12SB09					12WW01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB08(0-0.5)					12SB09(0-0.5)					12WW01(0-2)				
	Sample Date:	31-MAY-00					31-MAY-00					27-APR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg											1.975	<	U	1.975	-99
Benzyl Alcohol	mg/kg											.407	<	U	.407	-99
Butyl benzyl phthalate	mg/kg											.407	<	U	.407	-99
Carbazole	mg/kg															
Chrysene	mg/kg											.407	<	U	.407	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg											.407	<	U	.407	-99
Dibenzofuran	mg/kg											.407	<	U	.407	-99
Diethyl phthalate	mg/kg											.407	<	U	.407	-99
Dimethyl phthalate	mg/kg											.407	<	U	.407	-99
Diphenylamine	mg/kg											1.235	<	U	1.235	-99
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg											.407	<	U	.407	-99
Fluorene	mg/kg											.407	<	U	.407	-99
Hexachlorobenzene	mg/kg											.407	<	U	.407	-99
Hexachlorobutadiene	mg/kg											.407	<	U	.407	-99
Hexachlorocyclopentadiene	mg/kg											.407	<	U	.407	-99
Hexachloroethane	mg/kg											.407	<	U	.407	-99
Indeno(1,2,3-cd)pyrene	mg/kg											.407	<	U	.407	-99
Isophorone	mg/kg											.407	<	U	.407	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg											.407	<	U	.407	-99
Nitrobenzene	mg/kg											.407	<	U	.407	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg											1.975	<	U	1.975	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg											.407	<	U	.407	-99
Phenol	mg/kg											.407	<	U	.407	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12WW02					12WW02					12WW02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02				
	Sample Date:	04-FEB-88					04-FEB-90					28-APR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99
Benzyl Alcohol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Butyl benzyl phthalate	mg/kg	3			.33	-99	2.35			.33	-99	1.2			.398	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Dibenzofuran	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Diethyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Dimethyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Diphenylamine	mg/kg	1	<	U	1	-99	1	<	U	1	-99	1.205	<	U	1.205	-99
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Fluorene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Hexachlorobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Hexachlorobutadiene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Hexachlorocyclopentadiene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Hexachloroethane	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Isophorone	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Nitrobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
Phenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		12WW05					12WW07					16SB11				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
Sample Date:		19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
Benzyl Alcohol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Butyl benzyl phthalate	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Carbazole	mg/kg															
Chrysene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Dibenzofuran	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Diethyl phthalate	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Dimethyl phthalate	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Diphenylamine	mg/kg	6.667	<	U	6.667	-99	1.176	<	U	1.176	-99					
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Fluorene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Hexachlorobenzene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Hexachlorobutadiene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Hexachlorocyclopentadiene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Hexachloroethane	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Indeno(1,2,3-cd)pyrene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Isophorone	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Nitrobenzene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
Phenacetin	mg/kg															
Phenanthrene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
Phenol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16SB11					16SD02					16SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)				
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 1					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg						2.025	<	U	2.025	-99					
Benzyl Alcohol	mg/kg						.418	<	U	.418	-99					
Butyl benzyl phthalate	mg/kg						.418	<	U	.418	-99					
Carbazole	mg/kg															
Chrysene	mg/kg						.418	<	U	.418	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.418	<	U	.418	-99					
Dibenzofuran	mg/kg						.418	<	U	.418	-99					
Diethyl phthalate	mg/kg						.418	<	U	.418	-99					
Dimethyl phthalate	mg/kg						.418	<	U	.418	-99					
Diphenylamine	mg/kg						1.266	<	U	1.266	-99					
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg						.418	<	U	.418	-99					
Fluorene	mg/kg						.418	<	U	.418	-99					
Hexachlorobenzene	mg/kg						.418	<	U	.418	-99					
Hexachlorobutadiene	mg/kg						.418	<	U	.418	-99					
Hexachlorocyclopentadiene	mg/kg						.418	<	U	.418	-99					
Hexachloroethane	mg/kg						.418	<	U	.418	-99					
Indeno(1,2,3-cd)pyrene	mg/kg						.418	<	U	.418	-99					
Isophorone	mg/kg						.418	<	U	.418	-99					
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						.418	<	U	.418	-99					
Nitrobenzene	mg/kg						.418	<	U	.418	-99					
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg						2.025	<	U	2.025	-99					
Phenacetin	mg/kg															
Phenanthrene	mg/kg						.418	<	U	.418	-99					
Phenol	mg/kg						.418	<	U	.418	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16SD11					16WW27					16WW27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC				
	Sample Date:	28-FEB-95					17-MAY-97					17-MAY-97				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	16WW27					16WW31					16WW31				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	16WW27(1-3)					16WW31(0-0.5)					16WW31(1-3)				
		Sample Date:	17-MAY-97					29-MAY-97					29-MAY-97				
		Sample Depth:	1.0 - 3					.0 - 0.5					1.0 - 3				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
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																
Phenol	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW35					16WW35					16WW35				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
	Sample Date:	25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16WW37					16WW37					17SB01								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)								
	Sample Date:	31-MAY-97					31-MAY-97					15-MAY-93								
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 2								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
Benzoic Acid	mg/kg											2	<	U	2	-99				
Benzyl Alcohol	mg/kg											.413	<	U	.413	-99				
Butyl benzyl phthalate	mg/kg											.413	<	U	.413	-99				
Carbazole	mg/kg																			
Chrysene	mg/kg											1.3			.413	-99				
Dibenz(a,j)acridine	mg/kg																			
Dibenzo(a,h)anthracene	mg/kg											.413	<	U	.413	-99				
Dibenzofuran	mg/kg											.413	<	U	.413	-99				
Diethyl phthalate	mg/kg											.413	<	U	.413	-99				
Dimethyl phthalate	mg/kg											.413	<	U	.413	-99				
Diphenylamine	mg/kg											1.25	<	U	1.25	-99				
Ethyl methanesulfonate	mg/kg																			
Fluoranthene	mg/kg											2.3			.413	-99				
Fluorene	mg/kg											.413	<	U	.413	-99				
Hexachlorobenzene	mg/kg											.413	<	U	.413	-99				
Hexachlorobutadiene	mg/kg											.413	<	U	.413	-99				
Hexachlorocyclopentadiene	mg/kg											.413	<	U	.413	-99				
Hexachloroethane	mg/kg											.413	<	U	.413	-99				
Indeno(1,2,3-cd)pyrene	mg/kg											1.1			.413	-99				
Isophorone	mg/kg											.413	<	U	.413	-99				
Methyl methanesulfonate	mg/kg																			
N-nitrosopiperidine	mg/kg																			
Naphthalene	mg/kg											.413	<	U	.413	-99				
Nitrobenzene	mg/kg											.413	<	U	.413	-99				
Pentachlorobenzene	mg/kg																			
Pentachloronitrobenzene	mg/kg																			
Pentachlorophenol	mg/kg											2	<	U	2	-99				
Phenacetin	mg/kg																			
Phenanthrene	mg/kg											.413	<	U	.413	-99				
Phenol	mg/kg											.413	<	U	.413	-99				

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SB01					17SB02					17SB03				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SB01(02)					17SB02(0-2)					17SB03(0-2)				
Sample Date:		15-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
Benzyl Alcohol	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Butyl benzyl phthalate	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Dibenzofuran	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Diethyl phthalate	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Dimethyl phthalate	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Diphenylamine	mg/kg	1.205	<	U	1.205	-99	5.747	<	U	5.747	-99	6.024	<	U	6.024	-99
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Fluorene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Hexachlorobenzene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Hexachlorobutadiene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Hexachlorocyclopentadiene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Hexachloroethane	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Isophorone	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Nitrobenzene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
Phenol	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB03					17SB04					17SB05				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)				
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg						4	<	U	4	-99	2	<	U	2	-99
Benzyl Alcohol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Butyl benzyl phthalate	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Carbazole	mg/kg															
Chrysene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Dibenzofuran	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Diethyl phthalate	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Dimethyl phthalate	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Diphenylamine	mg/kg						2.5	<	U	2.5	-99	1.25	<	U	1.25	-99
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Fluorene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Hexachlorobenzene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Hexachlorobutadiene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Hexachlorocyclopentadiene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Hexachloroethane	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Indeno(1,2,3-cd)pyrene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Isophorone	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Nitrobenzene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg						4	<	U	4	-99	2	<	U	2	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
Phenol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB06					17SB07					17SB09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
	Sample Date:	15-MAY-93					16-MAY-93					30-MAY-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																
Benzoic Acid	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
Benzyl Alcohol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Butyl benzyl phthalate	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Carbazole	mg/kg															
Chrysene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Dibenzofuran	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Diethyl phthalate	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Dimethyl phthalate	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Diphenylamine	mg/kg	5.376	<	U	5.376	-99	1.22	<	U	1.22	-99					
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Fluorene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Hexachlorobenzene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Hexachlorobutadiene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Hexachlorocyclopentadiene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Hexachloroethane	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Indeno(1,2,3-cd)pyrene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Isophorone	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Nitrobenzene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
Phenacetin	mg/kg															
Phenanthrene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
Phenol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					

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

Report Date: 11/15/04

	Location Code:	17SB09					17SB10					17SB10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
	Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD01					17SD01					17SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD01					17SD01(000.0)					17SD02				
	Sample Date:	21-APR-93					02-MAR-95					21-APR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99
Benzyl Alcohol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Butyl benzyl phthalate	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Dibenzofuran	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Diethyl phthalate	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Dimethyl phthalate	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Diphenylamine	mg/kg	1.493	<	U	1.493	-99						1.333	<	U	1.333	-99
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Fluorene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Hexachlorobenzene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Hexachlorobutadiene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Hexachlorocyclopentadiene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Hexachloroethane	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Isophorone	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Nitrobenzene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
Phenol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD02					17SD02					17SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD05					17SD06					17SD07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
	Sample Date:	02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD08					17SD09					17SD10								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	17SD08(000.0)					17SD09(000.0)					17SD10								
	Sample Date:	05-MAR-95					05-MAR-95					17-SEP-98								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
Benzoic Acid	mg/kg											1.2	<	U	1.2	1.2				
Benzyl Alcohol	mg/kg											1.2	<	U	1.2	1.2				
Butyl benzyl phthalate	mg/kg											.48	<	U	.48	.48				
Carbazole	mg/kg											.48	<	U	.48	.48				
Chrysene	mg/kg											.48	<	U	.48	.48				
Dibenz(a,j)acridine	mg/kg																			
Dibenzo(a,h)anthracene	mg/kg											.48	<	U	.48	.48				
Dibenzofuran	mg/kg											.48	<	U	.48	.48				
Diethyl phthalate	mg/kg											.48	<	U	.48	.48				
Dimethyl phthalate	mg/kg											.48	<	U	.48	.48				
Diphenylamine	mg/kg																			
Ethyl methanesulfonate	mg/kg																			
Fluoranthene	mg/kg											.48	<	U	.48	.48				
Fluorene	mg/kg											.48	<	U	.48	.48				
Hexachlorobenzene	mg/kg											.24	<	U	.24	.24				
Hexachlorobutadiene	mg/kg											.48	<	U	.48	.48				
Hexachlorocyclopentadiene	mg/kg											.48	<	U	.48	.48				
Hexachloroethane	mg/kg											.48	<	U	.48	.48				
Indeno(1,2,3-cd)pyrene	mg/kg											.48	<	U	.48	.48				
Isophorone	mg/kg											.48	<	U	.48	.48				
Methyl methanesulfonate	mg/kg																			
N-nitrosopiperidine	mg/kg																			
Naphthalene	mg/kg											.48	<	U	.48	.48				
Nitrobenzene	mg/kg											.48	<	U	.48	.48				
Pentachlorobenzene	mg/kg																			
Pentachloronitrobenzene	mg/kg																			
Pentachlorophenol	mg/kg											.24	<	U	.24	.24				
Phenacetin	mg/kg																			
Phenanthrene	mg/kg											.48	<	U	.48	.48				
Phenol	mg/kg											.48	<	U	.48	.48				

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD10					17SD11					17SD12								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	17SD10QC					17SD11					17SD12								
	Sample Date:	17-SEP-98					17-SEP-98					17-SEP-98								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
Benzoic Acid	mg/kg	1.2	<	U	1.2	1.2						5.9	<	U	5.9	5.9				
Benzyl Alcohol	mg/kg	1.2	<	U	1.2	1.2						5.9	<	U	5.9	5.9				
Butyl benzyl phthalate	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Carbazole	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Chrysene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Dibenz(a,j)acridine	mg/kg																			
Dibenzo(a,h)anthracene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Dibenzofuran	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Diethyl phthalate	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Dimethyl phthalate	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Diphenylamine	mg/kg																			
Ethyl methanesulfonate	mg/kg																			
Fluoranthene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Fluorene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Hexachlorobenzene	mg/kg	.23	<	U	.23	.23						1.2	<	U	1.2	1.2				
Hexachlorobutadiene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Hexachlorocyclopentadiene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Hexachloroethane	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Indeno(1,2,3-cd)pyrene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Isophorone	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Methyl methanesulfonate	mg/kg																			
N-nitrosopiperidine	mg/kg																			
Naphthalene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Nitrobenzene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Pentachlorobenzene	mg/kg																			
Pentachloronitrobenzene	mg/kg																			
Pentachlorophenol	mg/kg	.23	<	U	.23	.23						1.2	<	U	1.2	1.2				
Phenacetin	mg/kg																			
Phenanthrene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				
Phenol	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4				

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS04					17SS05					17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS09					17SS10					17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
	Sample Date:	05-MAR-95					15-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS13					17SS13					17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS14					17SS15					17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
	Sample Date:	01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS17					17SS18					17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
	Sample Date:	01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS21					17SS22					17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg						1.8	<	U	1.8	1.8	1	<	U	1	1
Benzyl Alcohol	mg/kg						1.8	<	U	1.8	1.8	1	<	U	1	1
Butyl benzyl phthalate	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Carbazole	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Chrysene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Dibenzofuran	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Diethyl phthalate	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Dimethyl phthalate	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg						.37		J	.7	.7	.41	<	U	.41	.41
Fluorene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Hexachlorobenzene	mg/kg						.35	<	U	.35	.35	.21	<	U	.21	.21
Hexachlorobutadiene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Hexachlorocyclopentadiene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Hexachloroethane	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Indeno(1,2,3-cd)pyrene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Isophorone	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Nitrobenzene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg						.35	<	U	.35	.35	.21	<	U	.21	.21
Phenacetin	mg/kg															
Phenanthrene	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
Phenol	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS22					17SS22					17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
	Sample Date:	20-AUG-98					20-AUG-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group																
Location Code:		17SS23					17SS24					17SS24				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
Sample Date:		11-JUL-98					11-JUL-98					11-JUL-98				
Sample Depth:		2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS25					17SS25					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(0-0.5)					17SS25(2.5-3)					C-17SS26(0-0.5)-9807				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg											.9	<	U	.9	.9
Benzyl Alcohol	mg/kg											.9	<	U	.9	.9
Butyl benzyl phthalate	mg/kg											.36	<	U	.36	.36
Carbazole	mg/kg											.36	<	U	.36	.36
Chrysene	mg/kg											.36	<	U	.36	.36
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg											.36	<	U	.36	.36
Dibenzofuran	mg/kg											.36	<	U	.36	.36
Diethyl phthalate	mg/kg											.36	<	U	.36	.36
Dimethyl phthalate	mg/kg											.36	<	U	.36	.36
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg											.36	<	U	.36	.36
Fluorene	mg/kg											.36	<	U	.36	.36
Hexachlorobenzene	mg/kg											.28			.18	.18
Hexachlorobutadiene	mg/kg											.36	<	U	.36	.36
Hexachlorocyclopentadiene	mg/kg											.36	<	U	.36	.36
Hexachloroethane	mg/kg											.36	<	U	.36	.36
Indeno(1,2,3-cd)pyrene	mg/kg											.36	<	U	.36	.36
Isophorone	mg/kg											.36	<	U	.36	.36
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg											.36	<	U	.36	.36
Nitrobenzene	mg/kg											.36	<	U	.36	.36
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg											.18	<	U	.18	.18
Phenacetin	mg/kg															
Phenanthrene	mg/kg											.36	<	U	.36	.36
Phenol	mg/kg											.36	<	U	.36	.36

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS26					17SS26					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
	Sample Date:	11-JUL-98					20-AUG-98					20-AUG-98				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	1	<	U	1	1										
Benzyl Alcohol	mg/kg	1	<	U	1	1										
Butyl benzyl phthalate	mg/kg	.4	<	U	.4	.4										
Carbazole	mg/kg	.4	<	U	.4	.4										
Chrysene	mg/kg	.4	<	U	.4	.4										
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.4	<	U	.4	.4										
Dibenzofuran	mg/kg	.4	<	U	.4	.4										
Diethyl phthalate	mg/kg	.4	<	U	.4	.4										
Dimethyl phthalate	mg/kg	.4	<	U	.4	.4										
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.4	<	U	.4	.4										
Fluorene	mg/kg	.4	<	U	.4	.4										
Hexachlorobenzene	mg/kg	.2	<	U	.2	.2										
Hexachlorobutadiene	mg/kg	.4	<	U	.4	.4										
Hexachlorocyclopentadiene	mg/kg	.4	<	U	.4	.4										
Hexachloroethane	mg/kg	.4	<	U	.4	.4										
Indeno(1,2,3-cd)pyrene	mg/kg	.4	<	U	.4	.4										
Isophorone	mg/kg	.4	<	U	.4	.4										
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.4	<	U	.4	.4										
Nitrobenzene	mg/kg	.4	<	U	.4	.4										
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.2	<	U	.2	.2										
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.4	<	U	.4	.4										
Phenol	mg/kg	.4	<	U	.4	.4										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS27					17SS27					17SS28				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	17SS28					17SS29					17SS29				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
		Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
		Sample Depth:	2.5 - 3					.0 - 0.5					2.5 - 3				
			Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
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																
Phenol	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS31					17SS31					17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)					17SS31(2.5-3)					17SS31(2.5-3)QC				
	Sample Date:	14-JUL-98					14-JUL-98					14-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17WW01					18SD03					18SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
	Sample Date:	16-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.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*
SEMIVOLATILES																
Benzoic Acid	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
Benzyl Alcohol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Butyl benzyl phthalate	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Carbazole	mg/kg															
Chrysene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Dibenzofuran	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Diethyl phthalate	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Dimethyl phthalate	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Diphenylamine	mg/kg	5.952	<	U	5.952	-99	1.351	<	U	1.351	-99	1.37	<	U	1.37	-99
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Fluorene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Hexachlorobenzene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Hexachlorobutadiene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Hexachlorocyclopentadiene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Hexachloroethane	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Indeno(1,2,3-cd)pyrene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Isophorone	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Nitrobenzene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
Phenol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SD05					18SD06					18SD06				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
Sample Date:		02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
Benzyl Alcohol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Butyl benzyl phthalate	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Dibenzofuran	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Diethyl phthalate	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Dimethyl phthalate	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Diphenylamine	mg/kg	1.282	<	U	1.282	-99	1.587	<	U	1.587	-99	1.538	<	U	1.538	-99
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Fluorene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Hexachlorobenzene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Hexachlorobutadiene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Hexachlorocyclopentadiene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Hexachloroethane	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Isophorone	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Nitrobenzene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
Phenol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD07					18SD07					18SD08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
Benzyl Alcohol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Butyl benzyl phthalate	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Dibenzofuran	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Diethyl phthalate	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Dimethyl phthalate	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Diphenylamine	mg/kg	1.351	<	U	1.351	-99						1.493	<	U	1.493	-99
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Fluorene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Hexachlorobenzene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Hexachlorobutadiene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Hexachlorocyclopentadiene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Hexachloroethane	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Isophorone	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Nitrobenzene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
Phenol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD09					18SD10					18SD11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD29					18SS01					18SS02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)				
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	1.1	<	U	1.1	1.1										
Benzyl Alcohol	mg/kg	1.1	<	U	1.1	1.1										
Butyl benzyl phthalate	mg/kg	.44	<	U	.44	.44										
Carbazole	mg/kg	.44	<	U	.44	.44										
Chrysene	mg/kg	.44	<	U	.44	.44										
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.44	<	U	.44	.44										
Dibenzofuran	mg/kg	.44	<	U	.44	.44										
Diethyl phthalate	mg/kg	.44	<	U	.44	.44										
Dimethyl phthalate	mg/kg	.44	<	U	.44	.44										
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.44	<	U	.44	.44										
Fluorene	mg/kg	.44	<	U	.44	.44										
Hexachlorobenzene	mg/kg	.22	<	U	.22	.22										
Hexachlorobutadiene	mg/kg	.44	<	U	.44	.44										
Hexachlorocyclopentadiene	mg/kg	.44	<	U	.44	.44										
Hexachloroethane	mg/kg	.44	<	U	.44	.44										
Indeno(1,2,3-cd)pyrene	mg/kg	.44	<	U	.44	.44										
Isophorone	mg/kg	.44	<	U	.44	.44										
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.44	<	U	.44	.44										
Nitrobenzene	mg/kg	.44	<	U	.44	.44										
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.22	<	U	.22	.22										
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.44	<	U	.44	.44										
Phenol	mg/kg	.44	<	U	.44	.44										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS03					18SS05					18SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
	Sample Date:	17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS10					18SS11					18SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS12					18SS13					18SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
	Sample Date:	05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS15					18SS16					18SS17				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)				
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS18					18SS19					18SS20				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)				
	Sample Date:	18-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS21					18SS21					18SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)				
	Sample Date:	18-MAR-95					18-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS23					18SS24					18SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
	Sample Date:	05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	COE17-07					COE17-08					COE17-09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-07-01					COE17-08-01					COE17-09-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-10					COE17-11					COE17-12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-10-01					COE17-11-01					COE17-12-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-13					COE17-14					COE17-15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-13-01					COE17-14-01					COE17-15-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	COE17-16					FWS-088					FWS-101				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-16-01					CLNWR088					CLNWR101				
	Sample Date:	01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Benzyl Alcohol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Butyl benzyl phthalate	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Carbazole	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Chrysene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Dibenz(a,j)acridine	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Dibenzo(a,h)anthracene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Dibenzofuran	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Diethyl phthalate	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Dimethyl phthalate	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Diphenylamine	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Ethyl methanesulfonate	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Fluoranthene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Fluorene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Hexachlorobenzene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Hexachlorobutadiene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Hexachlorocyclopentadiene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Hexachloroethane	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Indeno(1,2,3-cd)pyrene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Isophorone	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Methyl methanesulfonate	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
N-nitrosopiperidine	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Naphthalene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Nitrobenzene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Pentachlorobenzene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Pentachloronitrobenzene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Pentachlorophenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Phenacetin	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Phenanthrene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Phenol	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		FWS-108					FWS-119					FWS-123				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		CLNWR108					CLNWR119					CLNWR123				
Sample Date:		09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	.033	<	nv	.033		.0693		nv	.0296		.0305	<	nv	.0305	
Benzyl Alcohol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Butyl benzyl phthalate	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Carbazole	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Chrysene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Dibenz(a,j)acridine	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Dibenzo(a,h)anthracene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Dibenzofuran	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Diethyl phthalate	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Dimethyl phthalate	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Diphenylamine	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Ethyl methanesulfonate	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Fluoranthene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Fluorene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Hexachlorobenzene	mg/kg	.033	<	nv	.033											
Hexachlorobutadiene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Hexachlorocyclopentadiene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Hexachloroethane	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Indeno(1,2,3-cd)pyrene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Isophorone	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Methyl methanesulfonate	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
N-nitrosopiperidine	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Naphthalene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Nitrobenzene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Pentachlorobenzene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Pentachloronitrobenzene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Pentachlorophenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Phenacetin	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Phenanthrene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Phenol	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	

	Location Code:	FWS-124					LH-S114-01					LH-S114-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1				
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	.031	<	nv	.031		1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
Benzyl Alcohol	mg/kg	.031	<	nv	.031		.65	<	U	.65	.65	.65	<	U	.65	.65
Butyl benzyl phthalate	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Carbazole	mg/kg	.031	<	nv	.031											
Chrysene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Dibenz(a,j)acridine	mg/kg	.031	<	nv	.031											
Dibenzo(a,h)anthracene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Dibenzofuran	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Diethyl phthalate	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Dimethyl phthalate	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Diphenylamine	mg/kg	.031	<	nv	.031											
Ethyl methanesulfonate	mg/kg	.031	<	nv	.031											
Fluoranthene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Fluorene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Hexachlorobenzene	mg/kg						.33	<	U	.33	.33	.33	<	U	.33	.33
Hexachlorobutadiene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Hexachlorocyclopentadiene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Hexachloroethane	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Indeno(1,2,3-cd)pyrene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Isophorone	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Methyl methanesulfonate	mg/kg	.031	<	nv	.031											
N-nitrosopiperidine	mg/kg	.031	<	nv	.031											
Naphthalene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Nitrobenzene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Pentachlorobenzene	mg/kg	.031	<	nv	.031											
Pentachloronitrobenzene	mg/kg	.031	<	nv	.031											
Pentachlorophenol	mg/kg	.031	<	nv	.031		1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
Phenacetin	mg/kg	.031	<	nv	.031											
Phenanthrene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
Phenol	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		LH-S115-01					LH-S115-02					LH-S115-02				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
Sample Date:		04-AUG-93					04-AUG-93					04-AUG-93				
User Test Group	*Sample Depth:*	.5 - 1					.6 - 2.6					.6 - 2.6				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Benzoic Acid	mg/kg	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65	.001	<	U	.001	.001
Benzyl Alcohol	mg/kg	.65	<	U	.65	.65	.65	<	U	.65	.65	.65	<	U	.65	.65
Butyl benzyl phthalate	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Carbazole	mg/kg															
Chrysene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Dibenzofuran	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Diethyl phthalate	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Dimethyl phthalate	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Diphenylamine	mg/kg															
Ethyl methanesulfonate	mg/kg															
Fluoranthene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Fluorene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Hexachlorobenzene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Hexachlorobutadiene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Hexachlorocyclopentadiene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Hexachloroethane	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Indeno(1,2,3-cd)pyrene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Isophorone	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Methyl methanesulfonate	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Nitrobenzene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65	1.65	<	U	1.65	1.65
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
Phenol	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33

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

Report Date: 11/15/04

	Location Code:	STEP-17SS01					STEP-17SS01					STEP-17SS01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(0-0.5)-020306					17SS01(00.5)0203FD					17SS01(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS03					STEP-17SS04					STEP-17SS04				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS03(1-2)-020306					17SS04(0-0.5)-020306					17SS04(1-2)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Phenol	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Phenol	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS07					STEP-17SS08					STEP-17SS08				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS07(1-2)-020306					17SS08(0-0.5)-020306					17SS08(1-2)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Phenol	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
		Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																	
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																
Phenol	mg/kg																

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code: STEP-17SS10					Location Code: STEP-17SS11					Location Code: STEP-17SS11				
		Associated Site: Waste Sub-Area					Associated Site: Waste Sub-Area					Associated Site: Waste Sub-Area				
		Sample No: 17SS10(1-2)-020306					Sample No: 17SS11(0-0.5)-020306					Sample No: 17SS11(00.5)0203FD				
		Sample Date: 06-MAR-02					Sample Date: 06-MAR-02					Sample Date: 06-MAR-02				
		Sample Depth: 1.0 - 2					Sample Depth: .0 - 0.5					Sample Depth: .0 - 0.5				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

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-17SS11	Waste Sub-Area	17SS11(1-2)-020306	06-MAR-02	1.0 - 2					
		STEP-17SS12	Waste Sub-Area	17SS12(0-0.5)-020306	06-MAR-02	.0 - 0.5					
		STEP-17SS12	Waste Sub-Area	17SS12(1-2)-020306	06-MAR-02	1.0 - 2					
SEMIVOLATILES											
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										
Phenol	mg/kg										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

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-17SS13					STEP-17SS13						STEP-17SS14					
			Waste Sub-Area					Waste Sub-Area						Waste Sub-Area					
			17SS13(0-0.5)-020307					17SS13(1-2)-020307						17SS14(0-0.5)-020307					
			07-MAR-02					07-MAR-02						07-MAR-02					
			.0 - 0.5					1.0 - 2						.0 - 0.5					
SEMIVOLATILES																			
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																		
Phenol	mg/kg																		

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS14					STEP-17SS15					STEP-17SS15				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS14(1-2)-020307					17SS15(0-0.5)-020307					17SS15(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Phenol	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Phenol	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS20					STEP-17SS20					STEP-17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(0-0.5)-020307					17SS20(1-2)-020307					17SS21(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:					Associated Site:					Sample No:				
		STEP-17SS21					STEP-17SS21					STEP-17SS22				
		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
		Sample Date:					Sample Date:					Sample Date:				
		07-MAR-02					07-MAR-02					07-MAR-02				
		Sample Depth:					Sample Depth:					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																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code: STEP-17SS22					Location Code: STEP-17SS23					Location Code: STEP-17SS23				
		Associated Site: Waste Sub-Area					Associated Site: Waste Sub-Area					Associated Site: Waste Sub-Area				
		Sample No: 17SS22(1-2)-020307					Sample No: 17SS23(0-0.5)-020307					Sample No: 17SS23(1-2)-020307				
		Sample Date: 07-MAR-02					Sample Date: 07-MAR-02					Sample Date: 07-MAR-02				
		Sample Depth: 1.0 - 2					Sample Depth: .0 - 0.5					Sample Depth: 1.0 - 2				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS25					STEP-17SS26					STEP-17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS26					STEP-17SS27					STEP-17SS27				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS26(1-2)-020307					17SS27(0-0.5)-020307					17SS27(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Phenol	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group / Parameter	Units	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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																
Phenol	mg/kg																

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS33					STEP-17SS34					STEP-17SS34				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS33(1-2)-020307					17SS34(0-0.5)-020308					17SS34(1-2)-020308				
	Sample Date:	07-MAR-02					08-MAR-02					08-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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*
SEMIVOLATILES																
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															
Phenol	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS37					
	Associated Site:	Waste Sub-Area					
	Sample No:	17SS37(1-2)-020308					
	Sample Date:	08-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
SEMIVOLATILES							
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						
Phenol	mg/kg						

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB01					12SB06					12SB06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)				
	Sample Date:	01-JUN-93					31-MAY-00					31-MAY-00				
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*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	.379	<	U	.379	-99										
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.379	<	U	.379	-99										
bis(2-Chloroethyl)ether	mg/kg	.379	<	U	.379	-99										
bis(2-Chloroisopropyl)ether	mg/kg	.379	<	U	.379	-99										
bis(2-Ethylhexyl)phthalate	mg/kg	.379	<	U	.379	-99										
di-n-Butyl phthalate	mg/kg	3.6		B	.379	-99										
di-n-Octyl phthalate	mg/kg	.379	<	U	.379	-99										
m-Cresol	mg/kg	.379	<	U	.379	-99										
n-Nitroso-di-n-propylamine	mg/kg	1.839	<	U	1.839	-99										
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.379	<	U	.379	-99										
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.0057	<	U	.0057	-99										
1,1,2,2-Tetrachloroethane	mg/kg	.0057	<	U	.0057	-99										
1,1,2-Trichloroethane	mg/kg	.0057	<	U	.0057	-99										
1,1-Dichloroethane	mg/kg	.0057	<	U	.0057	-99										
1,1-Dichloroethene	mg/kg	.0057	<	U	.0057	-99										
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.0057	<	U	.0057	-99										
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code: 12SB08					Location Code: 12SB09					Location Code: 12WW01				
		Associated Site: Waste Sub-Area					Associated Site: Waste Sub-Area					Associated Site: Waste Sub-Area				
		Sample No: 12SB08(0-0.5)					Sample No: 12SB09(0-0.5)					Sample No: 12WW01(0-2)				
		Sample Date: 31-MAY-00					Sample Date: 31-MAY-00					Sample Date: 27-APR-93				
		Sample Depth: .0 - 0.5					Sample Depth: .0 - 0.5					Sample Depth: .0 - 2				
		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg											.407	<	U	.407	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg											.407	<	U	.407	-99
bis(2-Chloroethyl)ether	mg/kg											.407	<	U	.407	-99
bis(2-Chloroisopropyl)ether	mg/kg											.407	<	U	.407	-99
bis(2-Ethylhexyl)phthalate	mg/kg											.407	<	U	.407	-99
di-n-Butyl phthalate	mg/kg											1.6			.407	-99
di-n-Octyl phthalate	mg/kg											.407	<	U	.407	-99
m-Cresol	mg/kg											.407	<	U	.407	-99
n-Nitroso-di-n-propylamine	mg/kg											1.975	<	U	1.975	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg											.407	<	U	.407	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg											.0062	<	U	.0062	-99
1,1,2,2-Tetrachloroethane	mg/kg											.0062	<	U	.0062	-99
1,1,2-Trichloroethane	mg/kg											.0062	<	U	.0062	-99
1,1-Dichloroethane	mg/kg											.0062	<	U	.0062	-99
1,1-Dichloroethene	mg/kg											.0062	<	U	.0062	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg											.0062	<	U	.0062	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		12WW02					12WW02					12WW02				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02				
Sample Date:		04-FEB-88					04-FEB-90					28-APR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
bis(2-Chloroethyl)ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
bis(2-Chloroisopropyl)ether	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
bis(2-Ethylhexyl)phthalate	mg/kg	3.35			.33	-99	2.375			.33	-99	1			.398	-99
di-n-Butyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	4.7			.398	-99
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
m-Cresol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
n-Nitroso-di-n-propylamine	mg/kg	1.6	<	U	1.6	-99	1.6	<	U	1.6	-99	1.928	<	U	1.928	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.398	<	U	.398	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg											.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg											.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg											.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg											.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg											.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg											.006	<	U	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12WW05					12WW07					16SB11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
	Sample Date:	19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
bis(2-Chloroethyl)ether	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
bis(2-Chloroisopropyl)ether	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
bis(2-Ethylhexyl)phthalate	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
di-n-Butyl phthalate	mg/kg	2.2	<	U	2.2	-99	4.5		B	.388	-99					
di-n-Octyl phthalate	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
m-Cresol	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
n-Nitroso-di-n-propylamine	mg/kg	10.667	<	U	10.667	-99	1.882	<	U	1.882	-99					
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	2.2	<	U	2.2	-99	.388	<	U	.388	-99					
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
1,1,2,2-Tetrachloroethane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
1,1,2-Trichloroethane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
1,1-Dichloroethane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
1,1-Dichloroethene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16SB11					16SD02					16SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)				
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 1					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg						.418	<	U	.418	-99					
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						.418	<	U	.418	-99					
bis(2-Chloroethyl)ether	mg/kg						.418	<	U	.418	-99					
bis(2-Chloroisopropyl)ether	mg/kg						.418	<	U	.418	-99					
bis(2-Ethylhexyl)phthalate	mg/kg						.418	<	U	.418	-99					
di-n-Butyl phthalate	mg/kg						.418	<	U	.418	-99					
di-n-Octyl phthalate	mg/kg						.418	<	U	.418	-99					
m-Cresol	mg/kg						.418	<	U	.418	-99					
n-Nitroso-di-n-propylamine	mg/kg						2.025	<	U	2.025	-99					
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg						.418	<	U	.418	-99					
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
1,1,2,2-Tetrachloroethane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
1,1,2-Trichloroethane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
1,1-Dichloroethane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
1,1-Dichloroethene	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16SD11					16WW27					16WW27								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC								
	Sample Date:	28-FEB-95					17-MAY-97					17-MAY-97								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0.5					.0 - 0.5								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
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-Dimethylaminoazobenzene	mg/kg																			
SOLIDS																				
Percent Solids	Percent						23.1			0	0									
VOLATILES																				
1,1,1,2-Tetrachloroethane	mg/kg						.006	<	U	.006	-99									
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									
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99									
1,1-Dichloropropene	mg/kg						.006	<	U	.006	-99									
1,2,3-Trichlorobenzene	mg/kg						.006	<	U	.006	-99									
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99	.019	<	U	.019	-99									
1,2,4-Trichlorobenzene	mg/kg						.006	<	U	.006	-99									
1,2,4-Trimethylbenzene	mg/kg						.006	<	U	.006	-99									

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

Report Date: 11/15/04

	Location Code:	16WW27					16WW31					16WW31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW27(1-3)					16WW31(0-0.5)					16WW31(1-3)				
	Sample Date:	17-MAY-97					29-MAY-97					29-MAY-97				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent	18.3			0	0	16.3			0	0	19.4			0	0
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2,3-Trichlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2,3-Trichloropropane	mg/kg	.018	<	U	.018	-99	.018	<	U	.018	-99	.018	<	U	.018	-99
1,2,4-Trichlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2,4-Trimethylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

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

Report Date: 11/15/04

	Location Code:	16WW35					16WW35					16WW35				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
	Sample Date:	25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent	15.6			0	0	15.6			0	0	16.7			0	0
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,1,1-Trichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,2,3-Trichlorobenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,2,3-Trichloropropane	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.019	<	U	.019	-99
1,2,4-Trichlorobenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,2,4-Trimethylbenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW37					16WW37					17SB01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)				
	Sample Date:	31-MAY-97					31-MAY-97					15-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg											1.7			.413	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg											.413	<	U	.413	-99
bis(2-Chloroethyl)ether	mg/kg											.413	<	U	.413	-99
bis(2-Chloroisopropyl)ether	mg/kg											.413	<	U	.413	-99
bis(2-Ethylhexyl)phthalate	mg/kg											.413	<	U	.413	-99
di-n-Butyl phthalate	mg/kg											.413	<	U	.413	-99
di-n-Octyl phthalate	mg/kg											.413	<	U	.413	-99
m-Cresol	mg/kg											.413	<	U	.413	-99
n-Nitroso-di-n-propylamine	mg/kg											2	<	U	2	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg											.413	<	U	.413	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent	20.2			0	0	19			0	0					
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
1,1-Dichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
1,1-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,2,3-Trichlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,2,3-Trichloropropane	mg/kg	.019	<	U	.019	-99	.019	<	U	.019	-99	.0063	<	U	.0063	-99
1,2,4-Trichlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,2,4-Trimethylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB01					17SB02					17SB03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB01(02)					17SB02(0-2)					17SB03(0-2)				
	Sample Date:	15-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
bis(2-Chloroethyl)ether	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
bis(2-Chloroisopropyl)ether	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
di-n-Butyl phthalate	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
di-n-Octyl phthalate	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
m-Cresol	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
n-Nitroso-di-n-propylamine	mg/kg	1.928	<	U	1.928	-99	9.195	<	U	9.195	-99	9.639	<	U	9.639	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.398	<	U	.398	-99	1.897	<	U	1.897	-99	1.988	<	U	1.988	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB03					17SB04					17SB05				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)				
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
bis(2-Chloroethyl)ether	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
bis(2-Chloroisopropyl)ether	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
bis(2-Ethylhexyl)phthalate	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
di-n-Butyl phthalate	mg/kg						.825	<	U	.825	-99	.42			.413	-99
di-n-Octyl phthalate	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
m-Cresol	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
n-Nitroso-di-n-propylamine	mg/kg						4	<	U	4	-99	2	<	U	2	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg						.825	<	U	.825	-99	.413	<	U	.413	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
1,1,2,2-Tetrachloroethane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
1,1,2-Trichloroethane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
1,1-Dichloroethane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
1,1-Dichloroethene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB06					17SB07					17SB09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
	Sample Date:	15-MAY-93					16-MAY-93					30-MAY-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																
Pronamide	mg/kg															
Pyrene	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
bis(2-Chloroethyl)ether	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
bis(2-Chloroisopropyl)ether	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
bis(2-Ethylhexyl)phthalate	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
di-n-Butyl phthalate	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
di-n-Octyl phthalate	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
m-Cresol	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
n-Nitroso-di-n-propylamine	mg/kg	8.602	<	U	8.602	-99	1.951	<	U	1.951	-99					
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	1.774	<	U	1.774	-99	.402	<	U	.402	-99					
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
1,1,2,2-Tetrachloroethane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
1,1,2-Trichloroethane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
1,1-Dichloroethane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
1,1-Dichloroethene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	17SB09					17SB10					17SB10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
	Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD01					17SD01					17SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD01					17SD01(000.0)					17SD02				
	Sample Date:	21-APR-93					02-MAR-95					21-APR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
bis(2-Chloroethyl)ether	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
bis(2-Chloroisopropyl)ether	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
di-n-Butyl phthalate	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
di-n-Octyl phthalate	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
m-Cresol	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
n-Nitroso-di-n-propylamine	mg/kg	2.388	<	U	2.388	-99						2.133	<	U	2.133	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.493	<	U	.493	-99						.44	<	U	.44	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
1,1,2,2-Tetrachloroethane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
1,1,2-Trichloroethane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
1,1-Dichloroethane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
1,1-Dichloroethene	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD02					17SD02					17SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
1,1,2,2-Tetrachloroethane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
1,1,2-Trichloroethane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
1,1-Dichloroethane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
1,1-Dichloroethene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD05					17SD06					17SD07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
	Sample Date:	02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1,2,2-Tetrachloroethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1,2-Trichloroethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1-Dichloroethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1-Dichloroethene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD08					17SD09					17SD10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD08(000.0)					17SD09(000.0)					17SD10				
	Sample Date:	05-MAR-95					05-MAR-95					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg											.48	<	U	.48	.48
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg											.48	<	U	.48	.48
bis(2-Chloroethyl)ether	mg/kg											.48	<	U	.48	.48
bis(2-Chloroisopropyl)ether	mg/kg											.48	<	U	.48	.48
bis(2-Ethylhexyl)phthalate	mg/kg											.48	<	U	.48	.48
di-n-Butyl phthalate	mg/kg											.48	<	U	.48	.48
di-n-Octyl phthalate	mg/kg											.48	<	U	.48	.48
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg											.48	<	U	.48	.48
n-Nitrosodimethylamine	mg/kg											.48	<	U	.48	.48
n-Nitrosodiphenylamine	mg/kg											.48	<	U	.48	.48
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg											.0072	<	U	.0072	.0072
1,1,1-Trichloroethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
1,1,2,2-Tetrachloroethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
1,1,2-Trichloroethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
1,1-Dichloroethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
1,1-Dichloroethene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
1,1-Dichloropropene	mg/kg											.0072	<	U	.0072	.0072
1,2,3-Trichlorobenzene	mg/kg											.0072	<	U	.0072	.0072
1,2,3-Trichloropropane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.022	<	U	.022	.022
1,2,4-Trichlorobenzene	mg/kg											.0072	<	U	.0072	.0072
1,2,4-Trimethylbenzene	mg/kg											.0072	<	U	.0072	.0072

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD10					17SD11					17SD12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD10QC					17SD11					17SD12				
	Sample Date:	17-SEP-98					17-SEP-98					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
bis(2-Chloroethyl)ether	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
bis(2-Chloroisopropyl)ether	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
bis(2-Ethylhexyl)phthalate	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
di-n-Butyl phthalate	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
di-n-Octyl phthalate	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
n-Nitrosodimethylamine	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
n-Nitrosodiphenylamine	mg/kg	.47	<	U	.47	.47						2.4	<	U	2.4	2.4
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,1,1-Trichloroethane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,1,2,2-Tetrachloroethane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,1,2-Trichloroethane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,1-Dichloroethane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,1-Dichloroethene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,1-Dichloropropene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,2,3-Trichlorobenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,2,3-Trichloropropane	mg/kg	.021	<	U	.021	.021	.024	<	U	.024	.024	.021	<	U	.021	.021
1,2,4-Trichlorobenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,2,4-Trimethylbenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS04					17SS05					17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS09					17SS10					17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
	Sample Date:	05-MAR-95					15-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS13					17SS13					17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1,2,2-Tetrachloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1,2-Trichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1-Dichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1-Dichloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS14					17SS15					17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
	Sample Date:	01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS17					17SS18					17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
	Sample Date:	01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.007	<	U	.007	-99										
1,1,2,2-Tetrachloroethane	mg/kg	.007	<	U	.007	-99										
1,1,2-Trichloroethane	mg/kg	.007	<	U	.007	-99										
1,1-Dichloroethane	mg/kg	.007	<	U	.007	-99										
1,1-Dichloroethene	mg/kg	.007	<	U	.007	-99										
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.007	<	U	.007	-99										
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS21					17SS22					17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg						.36		J	.7	.7	.41	<	U	.41	.41
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
bis(2-Chloroethyl)ether	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
bis(2-Chloroisopropyl)ether	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
bis(2-Ethylhexyl)phthalate	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
di-n-Butyl phthalate	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
di-n-Octyl phthalate	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
n-Nitrosodimethylamine	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
n-Nitrosodiphenylamine	mg/kg						.7	<	U	.7	.7	.41	<	U	.41	.41
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS22					17SS22					17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
	Sample Date:	20-AUG-98					20-AUG-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,1,1-Trichloroethane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,1,2,2-Tetrachloroethane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,1,2-Trichloroethane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,1-Dichloroethane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,1-Dichloroethene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,1-Dichloropropene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,2,3-Trichlorobenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,2,3-Trichloropropane	mg/kg	.016	<	U	.016	.016	.019	<	U	.019	.019					
1,2,4-Trichlorobenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,2,4-Trimethylbenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS23					17SS24					17SS24				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS25					17SS25					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(0-0.5)					17SS25(2.5-3)					C-17SS26(0-0.5)-9807				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg											.36	<	U	.36	.36
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg											.36	<	U	.36	.36
bis(2-Chloroethyl)ether	mg/kg											.36	<	U	.36	.36
bis(2-Chloroisopropyl)ether	mg/kg											.36	<	U	.36	.36
bis(2-Ethylhexyl)phthalate	mg/kg											.36	<	U	.36	.36
di-n-Butyl phthalate	mg/kg											.36	<	U	.36	.36
di-n-Octyl phthalate	mg/kg											.36	<	U	.36	.36
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg											.36	<	U	.36	.36
n-Nitrosodimethylamine	mg/kg											.36	<	U	.36	.36
n-Nitrosodiphenylamine	mg/kg											.36	<	U	.36	.36
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS26					17SS26					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
	Sample Date:	11-JUL-98					20-AUG-98					20-AUG-98				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	.4	<	U	.4	.4										
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.4	<	U	.4	.4										
bis(2-Chloroethyl)ether	mg/kg	.4	<	U	.4	.4										
bis(2-Chloroisopropyl)ether	mg/kg	.4	<	U	.4	.4										
bis(2-Ethylhexyl)phthalate	mg/kg	.4	<	U	.4	.4										
di-n-Butyl phthalate	mg/kg	.4	<	U	.4	.4										
di-n-Octyl phthalate	mg/kg	.4	<	U	.4	.4										
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.4	<	U	.4	.4										
n-Nitrosodimethylamine	mg/kg	.4	<	U	.4	.4										
n-Nitrosodiphenylamine	mg/kg	.4	<	U	.4	.4										
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,1,1-Trichloroethane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,1,2,2-Tetrachloroethane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,1,2-Trichloroethane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,1-Dichloroethane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,1-Dichloroethene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,1-Dichloropropene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,2,3-Trichlorobenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,2,3-Trichloropropane	mg/kg						.016	<	U	.016	.016	.017	<	U	.017	.017
1,2,4-Trichlorobenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,2,4-Trimethylbenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057

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

Report Date: 11/15/04

	Location Code:	17SS27					17SS27					17SS28				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS28					17SS29					17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS31					17SS31					17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)					17SS31(2.5-3)					17SS31(2.5-3)QC				
	Sample Date:	14-JUL-98					14-JUL-98					14-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17WW01					18SD03					18SD04				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
Sample Date:		16-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.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*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
bis(2-Chloroethyl)ether	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
bis(2-Chloroisopropyl)ether	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
bis(2-Ethylhexyl)phthalate	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
di-n-Butyl phthalate	mg/kg	2.7			1.964	-99	2.3		B	.446	-99	1.9		B	.452	-99
di-n-Octyl phthalate	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
m-Cresol	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
n-Nitroso-di-n-propylamine	mg/kg	9.524	<	U	9.524	-99	2.162	<	U	2.162	-99	2.192	<	U	2.192	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	1.964	<	U	1.964	-99	.446	<	U	.446	-99	.452	<	U	.452	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
1,1-Dichloroethane	mg/kg	.067		J	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																
Location Code:	18SD05					18SD06					18SD06				
Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:	18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
bis(2-Chloroethyl)ether	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
bis(2-Chloroisopropyl)ether	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
di-n-Butyl phthalate	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
di-n-Octyl phthalate	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
m-Cresol	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
n-Nitroso-di-n-propylamine	mg/kg	2.051	<	U	2.051	-99	2.54	<	U	2.54	-99	2.462	<	U	2.462	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.423	<	U	.423	-99	.524	<	U	.524	-99	.508	<	U	.508	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
1,1,2,2-Tetrachloroethane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
1,1,2-Trichloroethane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
1,1-Dichloroethane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
1,1-Dichloroethene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD07					18SD07					18SD08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
bis(2-Chloroethyl)ether	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
bis(2-Chloroisopropyl)ether	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
di-n-Butyl phthalate	mg/kg	.71		B	.446	-99						.493	<	U	.493	-99
di-n-Octyl phthalate	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
m-Cresol	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
n-Nitroso-di-n-propylamine	mg/kg	2.162	<	U	2.162	-99						2.388	<	U	2.388	-99
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.446	<	U	.446	-99						.493	<	U	.493	-99
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
1,1,2,2-Tetrachloroethane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
1,1,2-Trichloroethane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
1,1-Dichloroethane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
1,1-Dichloroethene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD09					18SD10					18SD11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
1,1,2,2-Tetrachloroethane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
1,1,2-Trichloroethane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
1,1-Dichloroethane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
1,1-Dichloroethene	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD29					18SS01					18SS02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)				
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	.44	<	U	.44	.44										
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.44	<	U	.44	.44										
bis(2-Chloroethyl)ether	mg/kg	.44	<	U	.44	.44										
bis(2-Chloroisopropyl)ether	mg/kg	.44	<	U	.44	.44										
bis(2-Ethylhexyl)phthalate	mg/kg	.44	<	U	.44	.44										
di-n-Butyl phthalate	mg/kg	.44	<	U	.44	.44										
di-n-Octyl phthalate	mg/kg	.44	<	U	.44	.44										
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.44	<	U	.44	.44										
n-Nitrosodimethylamine	mg/kg	.44	<	U	.44	.44										
n-Nitrosodiphenylamine	mg/kg	.44	<	U	.44	.44										
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0067	<	U	.0067	.0067										
1,1,1-Trichloroethane	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
1,1,2,2-Tetrachloroethane	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
1,1,2-Trichloroethane	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
1,1-Dichloroethane	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
1,1-Dichloroethene	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
1,1-Dichloropropene	mg/kg	.0067	<	U	.0067	.0067										
1,2,3-Trichlorobenzene	mg/kg	.0067	<	U	.0067	.0067										
1,2,3-Trichloropropane	mg/kg	.02	<	U	.02	.02	.006	<	UJ	.006	-99					
1,2,4-Trichlorobenzene	mg/kg	.0067	<	U	.0067	.0067										
1,2,4-Trimethylbenzene	mg/kg	.0067	<	U	.0067	.0067										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS03					18SS05					18SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
	Sample Date:	17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
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					
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
1,1-Dichloroethane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS10					18SS11					18SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
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
1,1-Dichloroethene	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS12					18SS13					18SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
	Sample Date:	05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	-99										
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99										
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	-99										
1,1-Dichloroethane	mg/kg	.006	<	U	.006	-99										
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99										
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99										
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS15					18SS16					18SS17								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)								
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
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-Dimethylaminoazobenzene	mg/kg																			
SOLIDS																				
Percent Solids	Percent																			
VOLATILES																				
1,1,1,2-Tetrachloroethane	mg/kg																			
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				
1,1-Dichloroethene	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
1,1-Dichloropropene	mg/kg																			
1,2,3-Trichlorobenzene	mg/kg																			
1,2,3-Trichloropropane	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
1,2,4-Trichlorobenzene	mg/kg																			
1,2,4-Trimethylbenzene	mg/kg																			

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS18					18SS19					18SS20								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)								
	Sample Date:	18-MAR-95					19-MAR-95					19-MAR-95								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
SEMIVOLATILES																				
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-Dimethylaminoazobenzene	mg/kg																			
SOLIDS																				
Percent Solids	Percent																			
VOLATILES																				
1,1,1,2-Tetrachloroethane	mg/kg																			
1,1,1-Trichloroethane	mg/kg						.006	<	U	.006	-99									
1,1,2,2-Tetrachloroethane	mg/kg						.006	<	U	.006	-99									
1,1,2-Trichloroethane	mg/kg						.006	<	U	.006	-99									
1,1-Dichloroethane	mg/kg						.006	<	U	.006	-99									
1,1-Dichloroethene	mg/kg						.006	<	U	.006	-99									
1,1-Dichloropropene	mg/kg																			
1,2,3-Trichlorobenzene	mg/kg																			
1,2,3-Trichloropropane	mg/kg						.006	<	U	.006	-99									
1,2,4-Trichlorobenzene	mg/kg																			
1,2,4-Trimethylbenzene	mg/kg																			

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS21					18SS21					18SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)				
	Sample Date:	18-MAR-95					18-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
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					
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS23					18SS24					18SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
	Sample Date:	05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-07					COE17-08					COE17-09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-07-01					COE17-08-01					COE17-09-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	COE17-10					COE17-11					COE17-12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-10-01					COE17-11-01					COE17-12-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	COE17-13					COE17-14					COE17-15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-13-01					COE17-14-01					COE17-15-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	COE17-16					FWS-088					FWS-101				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-16-01					CLNWR088					CLNWR101				
	Sample Date:	01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
Pyrene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
a,a-Dimethylphenethyl-amine	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
bis(2-Chloroethoxy)methane	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
bis(2-Chloroethyl)ether	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
bis(2-Chloroisopropyl)ether	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
bis(2-Ethylhexyl)phthalate	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
di-n-Butyl phthalate	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
di-n-Octyl phthalate	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
p-Dimethylaminoazobenzene	mg/kg						.0355	<	nv	.0355		.0294	<	nv	.0294	
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-108					FWS-119					FWS-123				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR108					CLNWR119					CLNWR123				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
Pyrene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
a,a-Dimethylphenethyl-amine	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
bis(2-Chloroethoxy)methane	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
bis(2-Chloroethyl)ether	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
bis(2-Chloroisopropyl)ether	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
bis(2-Ethylhexyl)phthalate	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
di-n-Butyl phthalate	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
di-n-Octyl phthalate	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
p-Dimethylaminoazobenzene	mg/kg	.033	<	nv	.033		.0296	<	nv	.0296		.0305	<	nv	.0305	
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-124					LH-S114-01					LH-S114-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1				
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg	.031	<	nv	.031											
Pyrene	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
a,a-Dimethylphenethyl-amine	mg/kg	.031	<	nv	.031											
bis(2-Chloroethoxy)methane	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
bis(2-Chloroethyl)ether	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
bis(2-Chloroisopropyl)ether	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
bis(2-Ethylhexyl)phthalate	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
di-n-Butyl phthalate	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
di-n-Octyl phthalate	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.031	<	nv	.031		.33	<	U	.33	.33	.33	<	U	.33	.33
p-Dimethylaminoazobenzene	mg/kg	.031	<	nv	.031											
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
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
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LH-S115-01					LH-S115-02					LH-S115-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
	Sample Date:	04-AUG-93					04-AUG-93					04-AUG-93				
User Test Group	*Sample Depth:*	.5 - 1					.6 - 2.6					.6 - 2.6				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
SEMIVOLATILES																
Pronamide	mg/kg															
Pyrene	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
bis(2-Chloroethyl)ether	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
bis(2-Chloroisopropyl)ether	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
bis(2-Ethylhexyl)phthalate	mg/kg	.396			.33	.33	.822			.33	.33	1.34			.33	.33
di-n-Butyl phthalate	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.001	<	U	.001	.001
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	.33	.33	<	U	.33	.33	.33	<	U	.33	.33
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
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
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS01					STEP-17SS01					STEP-17SS01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(0-0.5)-020306					17SS01(00.5)0203FD					17SS01(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Waste Sub-Area - Part A
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-17SS03	Waste Sub-Area	17SS03(1-2)-020306	06-MAR-02	1.0 - 2					
		STEP-17SS04	Waste Sub-Area	17SS04(0-0.5)-020306	06-MAR-02	.0 - 0.5					
		STEP-17SS04	Waste Sub-Area	17SS04(1-2)-020306	06-MAR-02	1.0 - 2					
SEMIVOLATILES											
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-Dimethylaminoazobenzene	mg/kg										
SOLIDS											
Percent Solids	Percent										
VOLATILES											
1,1,1,2-Tetrachloroethane	mg/kg										
1,1,1-Trichloroethane	mg/kg										
1,1,2,2-Tetrachloroethane	mg/kg										
1,1,2-Trichloroethane	mg/kg										
1,1-Dichloroethane	mg/kg										
1,1-Dichloroethene	mg/kg										
1,1-Dichloropropene	mg/kg										
1,2,3-Trichlorobenzene	mg/kg										
1,2,3-Trichloropropane	mg/kg										
1,2,4-Trichlorobenzene	mg/kg										
1,2,4-Trimethylbenzene	mg/kg										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS07					STEP-17SS08					STEP-17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS07(1-2)-020306					17SS08(0-0.5)-020306					17SS08(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS10					STEP-17SS11					STEP-17SS11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS10(1-2)-020306					17SS11(0-0.5)-020306					17SS11(00.5)0203FD				
	Sample Date:	06-MAR-02					06-MAR-02					06-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
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS11					STEP-17SS12					STEP-17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS11(1-2)-020306					17SS12(0-0.5)-020306					17SS12(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS13					STEP-17SS13					STEP-17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(0-0.5)-020307					17SS13(1-2)-020307					17SS14(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Waste Sub-Area - Part A
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-17SS14	Waste Sub-Area	17SS14(1-2)-020307	07-MAR-02	1.0 - 2					
		STEP-17SS15	Waste Sub-Area	17SS15(0-0.5)-020307	07-MAR-02	.0 - 0.5					
		STEP-17SS15	Waste Sub-Area	17SS15(1-2)-020307	07-MAR-02	1.0 - 2					
SEMIVOLATILES											
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-Dimethylaminoazobenzene	mg/kg										
SOLIDS											
Percent Solids	Percent										
VOLATILES											
1,1,1,2-Tetrachloroethane	mg/kg										
1,1,1-Trichloroethane	mg/kg										
1,1,2,2-Tetrachloroethane	mg/kg										
1,1,2-Trichloroethane	mg/kg										
1,1-Dichloroethane	mg/kg										
1,1-Dichloroethene	mg/kg										
1,1-Dichloropropene	mg/kg										
1,2,3-Trichlorobenzene	mg/kg										
1,2,3-Trichloropropane	mg/kg										
1,2,4-Trichlorobenzene	mg/kg										
1,2,4-Trimethylbenzene	mg/kg										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS20					STEP-17SS20					STEP-17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(0-0.5)-020307					17SS20(1-2)-020307					17SS21(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS21					STEP-17SS21					STEP-17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS22					STEP-17SS23					STEP-17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(1-2)-020307					17SS23(0-0.5)-020307					17SS23(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS25					STEP-17SS26					STEP-17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

User Test Group / Parameter	Units	Location Code:	STEP-17SS26					STEP-17SS27					STEP-17SS27				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS26(1-2)-020307					17SS27(0-0.5)-020307					17SS27(1-2)-020307				
		Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																	
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-Dimethylaminoazobenzene	mg/kg																
SOLIDS																	
Percent Solids	Percent																
VOLATILES																	
1,1,1,2-Tetrachloroethane	mg/kg																
1,1,1-Trichloroethane	mg/kg																
1,1,2,2-Tetrachloroethane	mg/kg																
1,1,2-Trichloroethane	mg/kg																
1,1-Dichloroethane	mg/kg																
1,1-Dichloroethene	mg/kg																
1,1-Dichloropropene	mg/kg																
1,2,3-Trichlorobenzene	mg/kg																
1,2,3-Trichloropropane	mg/kg																
1,2,4-Trichlorobenzene	mg/kg																
1,2,4-Trimethylbenzene	mg/kg																

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

Report Date: 11/15/04

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS33					STEP-17SS34					STEP-17SS34				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS33(1-2)-020307					17SS34(0-0.5)-020308					17SS34(1-2)-020308				
	Sample Date:	07-MAR-02					08-MAR-02					08-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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*
SEMIVOLATILES																
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-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg															
1,1,1-Trichloroethane	mg/kg															
1,1,2,2-Tetrachloroethane	mg/kg															
1,1,2-Trichloroethane	mg/kg															
1,1-Dichloroethane	mg/kg															
1,1-Dichloroethene	mg/kg															
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg															
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															

	Location Code:	STEP-17SS37					
	Associated Site:	Waste Sub-Area					
	Sample No:	17SS37(1-2)-020308					
	Sample Date:	08-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
SEMIVOLATILES							
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-Dimethylaminoazobenzene	mg/kg						
SOLIDS							
Percent Solids	Percent						
VOLATILES							
1,1,1,2-Tetrachloroethane	mg/kg						
1,1,1-Trichloroethane	mg/kg						
1,1,2,2-Tetrachloroethane	mg/kg						
1,1,2-Trichloroethane	mg/kg						
1,1-Dichloroethane	mg/kg						
1,1-Dichloroethene	mg/kg						
1,1-Dichloropropene	mg/kg						
1,2,3-Trichlorobenzene	mg/kg						
1,2,3-Trichloropropane	mg/kg						
1,2,4-Trichlorobenzene	mg/kg						
1,2,4-Trimethylbenzene	mg/kg						

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB01					12SB06					12SB06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)				
	Sample Date:	01-JUN-93					31-MAY-00					31-MAY-00				
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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.0057	<	U	.0057	-99										
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0057	<	U	.0057	-99										
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.012	<	U	.012	-99										
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.012	<	U	.012	-99										
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.012	<	U	.012	-99										
2-Propenal	mg/kg	.012	<	U	.012	-99										
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.012	<	U	.012	-99										
Acrylonitrile	mg/kg	.012	<	U	.012	-99										
Benzene	mg/kg	.0057	<	U	.0057	-99										
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0057	<	U	.0057	-99										
Bromoform	mg/kg															
Bromomethane	mg/kg	.012	<	U	.012	-99										
Carbon disulfide	mg/kg	.0057	<	U	.0057	-99										
Carbon tetrachloride	mg/kg	.0057	<	U	.0057	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12SB08					12SB09					12WW01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB08(0-0.5)					12SB09(0-0.5)					12WW01(0-2)				
	Sample Date:	31-MAY-00					31-MAY-00					27-APR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg											.0062	<	U	.0062	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg											.0062	<	U	.0062	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg											.012	<	U	.012	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg											.012	<	U	.012	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg											.012	<	U	.012	-99
2-Propenal	mg/kg											.012	<	U	.012	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg											.012	<	U	.012	-99
Acrylonitrile	mg/kg											.012	<	U	.012	-99
Benzene	mg/kg											.0062	<	U	.0062	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg											.0062	<	U	.0062	-99
Bromoform	mg/kg															
Bromomethane	mg/kg											.012	<	U	.012	-99
Carbon disulfide	mg/kg											.0062	<	U	.0062	-99
Carbon tetrachloride	mg/kg											.0062	<	U	.0062	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12WW02					12WW02					12WW02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02				
	Sample Date:	04-FEB-88					04-FEB-90					28-APR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg											.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg											.006	<	U	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg											.012	<	U	.012	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg											.012	<	U	.012	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg											.012	<	U	.012	-99
2-Propenal	mg/kg											.012	<	U	.012	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg											.012	<	U	.012	-99
Acrylonitrile	mg/kg											.012	<	U	.012	-99
Benzene	mg/kg											.006	<	U	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg											.006	<	U	.006	-99
Bromoform	mg/kg															
Bromomethane	mg/kg											.012	<	U	.012	-99
Carbon disulfide	mg/kg											.006	<	U	.006	-99
Carbon tetrachloride	mg/kg											.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12WW05					12WW07					16SB11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
	Sample Date:	19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
2-Propenal	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
Acrylonitrile	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
Benzene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Bromoform	mg/kg															
Bromomethane	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
Carbon disulfide	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Carbon tetrachloride	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16SB11					16SD02					16SD02								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)								
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95								
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 1					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
VOLATILES																				
1,2-Dibromo-3-chloropropane	mg/kg																			
1,2-Dibromoethane	mg/kg																			
1,2-Dichlorobenzene	mg/kg																			
1,2-Dichloroethane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99				
1,2-Dichloroethene	mg/kg											.007	<	U	.007	-99				
1,2-Dichloropropane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99				
1,2-Dimethylbenzene (o-Xylene)	mg/kg																			
1,3,5-Trimethylbenzene	mg/kg																			
1,3-Dichlorobenzene	mg/kg																			
1,3-Dichloropropane	mg/kg																			
1,4-Dichloro-2-butene	mg/kg						.013	<	U	.013	-99	.014	<	U	.014	-99				
1,4-Dichlorobenzene	mg/kg																			
1,4-Dioxane	mg/kg																			
2,2-Dichloropropane	mg/kg																			
2-Butanone	mg/kg						.013	<	U	.013	-99	.014	<	U	.014	-99				
2-Chloroethyl vinyl ether	mg/kg											.014	<	U	.014	-99				
2-Chlorotoluene	mg/kg																			
2-Hexanone	mg/kg						.013	<	U	.013	-99	.014	<	U	.014	-99				
2-Propenal	mg/kg						.013	<	U	.013	-99	.069	<	U	.069	-99				
4-Chlorotoluene	mg/kg																			
Acetone	mg/kg						.013	<	U	.013	-99	.014	<	U	.014	-99				
Acrylonitrile	mg/kg						.013	<	U	.013	-99	.069	<	U	.069	-99				
Benzene	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99				
Bromobenzene	mg/kg																			
Bromochloromethane	mg/kg																			
Bromodichloromethane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99				
Bromoform	mg/kg											.007	<	U	.007	-99				
Bromomethane	mg/kg						.013	<	U	.013	-99	.014	<	U	.014	-99				
Carbon disulfide	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99				
Carbon tetrachloride	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99				

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16SD11					16WW27					16WW27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC				
	Sample Date:	28-FEB-95					17-MAY-97					17-MAY-97				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg						.013	<	U	.013	-99					
1,2-Dibromoethane	mg/kg						.006	<	U	.006	-99					
1,2-Dichlorobenzene	mg/kg						.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										
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,2-Dimethylbenzene (o-Xylene)	mg/kg						.006	<	U	.006	-99					
1,3,5-Trimethylbenzene	mg/kg						.006	<	U	.006	-99					
1,3-Dichlorobenzene	mg/kg						.006	<	U	.006	-99					
1,3-Dichloropropane	mg/kg						.006	<	U	.006	-99					
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.006	<	U	.006	-99					
1,4-Dichlorobenzene	mg/kg						.006	<	U	.006	-99					
1,4-Dioxane	mg/kg						1.3	<	U	1.3	-99					
2,2-Dichloropropane	mg/kg						.019	<	U	.019	-99					
2-Butanone	mg/kg	.013	<	U	.013	-99	.026	<	U	.026	-99					
2-Chloroethyl vinyl ether	mg/kg	.013	<	U	.013	-99										
2-Chlorotoluene	mg/kg						.006	<	U	.006	-99					
2-Hexanone	mg/kg	.013	<	U	.013	-99	.026	<	U	.026	-99					
2-Propenal	mg/kg	.065	<	U	.065	-99	.13	<	U	.13	-99					
4-Chlorotoluene	mg/kg						.006	<	U	.006	-99					
Acetone	mg/kg	.022			.01297	-99	.026	<	U	.026	-99					
Acrylonitrile	mg/kg	.065	<	U	.065	-99	.13	<	U	.13	-99					
Benzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Bromobenzene	mg/kg						.006	<	U	.006	-99					
Bromochloromethane	mg/kg						.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	.013	<	U	.013	-99	.013	<	U	.013	-99					
Carbon disulfide	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Carbon tetrachloride	mg/kg	.006	<	U	.006	-99	.013	<	U	.013	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW27					16WW31					16WW31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW27(1-3)					16WW31(0-0.5)					16WW31(1-3)				
	Sample Date:	17-MAY-97					29-MAY-97					29-MAY-97				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg	.012	<	U	.012	-99	.006	<	U	.006	-99	.012	<	U	.012	-99
1,2-Dibromoethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2-Dichlorobenzene	mg/kg	.006	<	U	.006	-99	.012	<	U	.012	-99	.006	<	U	.006	-99
1,2-Dichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,3,5-Trimethylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,3-Dichlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,3-Dichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,4-Dichloro-2-butene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,4-Dichlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,4-Dioxane	mg/kg	1.2	<	U	1.2	-99	1.2	<	U	1.2	-99	1.2	<	U	1.2	-99
2,2-Dichloropropane	mg/kg	.018	<	U	.018	-99	.187	<	U	.187	-99	.018	<	U	.018	-99
2-Butanone	mg/kg	.024	<	U	.024	-99	.024	<	U	.024	-99	.024	<	U	.024	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
2-Hexanone	mg/kg	.024	<	U	.024	-99	.024	<	U	.024	-99	.024	<	U	.024	-99
2-Propenal	mg/kg	.12	<	U	.12	-99	.12	<	U	.12	-99	.12	<	U	.12	-99
4-Chlorotoluene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Acetone	mg/kg	.024	<	U	.024	-99	.024	<	U	.024	-99	.024	<	U	.024	-99
Acrylonitrile	mg/kg	.12	<	U	.12	-99	.12	<	U	.12	-99	.12	<	U	.12	-99
Benzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromochloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromodichloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromoform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromomethane	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Carbon disulfide	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW35					16WW35					16WW35				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
	Sample Date:	25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg	.011	<	U	.011	-99	.01	<	U	.01	-99	.012	<	U	.012	-99
1,2-Dibromoethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,2-Dichlorobenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,2-Dichloroethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,3,5-Trimethylbenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,3-Dichlorobenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,3-Dichloropropane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,4-Dichloro-2-butene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,4-Dichlorobenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
1,4-Dioxane	mg/kg	1.1	<	U	1.1	-99	1	<	U	1	-99	1.2	<	U	1.2	-99
2,2-Dichloropropane	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.019	<	U	.019	-99
2-Butanone	mg/kg	.021	<	U	.021	-99	.02	<	U	.02	-99	.025	<	U	.025	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
2-Hexanone	mg/kg	.021	<	U	.021	-99	.02	<	U	.02	-99	.025	<	U	.025	-99
2-Propenal	mg/kg	.11	<	U	.11	-99	.1	<	U	.1	-99	.12	<	U	.12	-99
4-Chlorotoluene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Acetone	mg/kg	.021	<	U	.021	-99	.02			.005	-99	.013			.013	-99
Acrylonitrile	mg/kg	.11	<	U	.11	-99	.1	<	U	.1	-99	.12	<	U	.12	-99
Benzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Bromochloromethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Bromodichloromethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Bromoform	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Bromomethane	mg/kg	.011	<	U	.011	-99	.01	<	U	.01	-99	.012	<	U	.012	-99
Carbon disulfide	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg	.011	<	U	.011	-99	.01	<	U	.01	-99	.012	<	U	.012	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW37					16WW37					17SB01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)				
	Sample Date:	31-MAY-97					31-MAY-97					15-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
1,2-Dibromoethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,2-Dichlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,2-Dichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,3,5-Trimethylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,3-Dichlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,3-Dichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,4-Dichloro-2-butene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.013	<	U	.013	-99
1,4-Dichlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
1,4-Dioxane	mg/kg	1.2	<	U	1.2	-99	1.3	<	U	1.3	-99					
2,2-Dichloropropane	mg/kg	.019	<	U	.019	-99	.019	<	U	.019	-99					
2-Butanone	mg/kg	.025	<	U	.025	-99	.025	<	U	.025	-99	.013	<	U	.013	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
2-Hexanone	mg/kg	.025	<	U	.025	-99	.025	<	U	.025	-99	.013	<	U	.013	-99
2-Propenal	mg/kg	.12	<	U	.12	-99	.13	<	U	.13	-99	.013	<	U	.013	-99
4-Chlorotoluene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Acetone	mg/kg	.025	<	U	.025	-99	.025	<	U	.025	-99	.013	<	U	.013	-99
Acrylonitrile	mg/kg	.12	<	U	.12	-99	.13	<	U	.13	-99	.013	<	U	.013	-99
Benzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Bromobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Bromochloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Bromodichloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Bromoform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Bromomethane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Carbon disulfide	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Carbon tetrachloride	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.0063	<	U	.0063	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB01					17SB02					17SB03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB01(02)					17SB02(0-2)					17SB03(0-2)				
	Sample Date:	15-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	Sample Depth:	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
2-Propenal	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.017			.012	-99
Acrylonitrile	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Benzene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Carbon disulfide	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB03					17SB04					17SB05				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)				
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99
2-Propenal	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99
Acrylonitrile	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99
Benzene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
Bromoform	mg/kg															
Bromomethane	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99
Carbon disulfide	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
Carbon tetrachloride	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99

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

Report Date: 11/15/04

	Location Code:	17SB06					17SB07					17SB09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
	Sample Date:	15-MAY-93					16-MAY-93					30-MAY-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																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
2-Propenal	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
Acrylonitrile	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
Benzene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Bromoform	mg/kg															
Bromomethane	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
Carbon disulfide	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Carbon tetrachloride	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB09					17SB10					17SB10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
	Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:		17SD01					17SD01					17SD02				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SD01					17SD01(000.0)					17SD02				
Sample Date:		21-APR-93					02-MAR-95					21-APR-93				
Sample Depth:		.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
1,2-Dichloroethene	mg/kg						.007	<	U	.007	-99					
1,2-Dichloropropane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
2-Chloroethyl vinyl ether	mg/kg						.014	<	U	.014	-99					
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
2-Propenal	mg/kg	.015	<	U	.015	-99	.068	<	U	.068	-99	.013	<	U	.013	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.015	<	U	.015	-99	.015			.01368	-99	.013	<	U	.013	-99
Acrylonitrile	mg/kg	.015	<	U	.015	-99	.068	<	U	.068	-99	.013	<	U	.013	-99
Benzene	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Bromoform	mg/kg						.007	<	U	.007	-99					
Bromomethane	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Carbon disulfide	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Carbon tetrachloride	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SD02					17SD02					17SD04				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
Sample Date:		04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
1,2-Dichloroethene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
1,2-Dichloropropane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.026			.02037	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
2-Chloroethyl vinyl ether	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
2-Propenal	mg/kg	.102	<	U	.102	-99	.094	<	U	.094	-99	.071	<	U	.071	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.194			.02037	-99	.032			.0188	-99	.031			.0142	-99
Acrylonitrile	mg/kg	.102	<	U	.102	-99	.094	<	U	.094	-99	.071	<	U	.071	-99
Benzene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Bromoform	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Bromomethane	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
Carbon disulfide	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Carbon tetrachloride	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SD05					17SD06					17SD07				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
Sample Date:		02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2-Dichloroethene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2-Dichloropropane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
2-Chloroethyl vinyl ether	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.071			.01466	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
2-Propenal	mg/kg	.073	<	U	.073	-99	.071	<	U	.071	-99	.071	<	U	.071	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.015	<	U	.015	-99	.017			.01414	-99	.038			.01427	-99
Acrylonitrile	mg/kg	.073	<	U	.073	-99	.071	<	U	.071	-99	.071	<	U	.071	-99
Benzene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Bromoform	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Bromomethane	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Carbon disulfide	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Carbon tetrachloride	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD08					17SD09					17SD10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD08(000.0)					17SD09(000.0)					17SD10				
	Sample Date:	05-MAR-95					05-MAR-95					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg											.014	<	U	.014	.014
1,2-Dibromoethane	mg/kg											.0072	<	U	.0072	.0072
1,2-Dichlorobenzene	mg/kg											.0072	<	U	.0072	.0072
1,2-Dichloroethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
1,2-Dichloroethene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99					
1,2-Dichloropropane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg											.0072	<	U	.0072	.0072
1,3-Dichlorobenzene	mg/kg											.0072	<	U	.0072	.0072
1,3-Dichloropropane	mg/kg											.0072	<	U	.0072	.0072
1,4-Dichloro-2-butene	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.0072	<	U	.0072	.0072
1,4-Dichlorobenzene	mg/kg											.0072	<	U	.0072	.0072
1,4-Dioxane	mg/kg											1.4	<	U	1.4	1.4
2,2-Dichloropropane	mg/kg											.022	<	U	.022	.022
2-Butanone	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.029	<	U	.029	.029
2-Chloroethyl vinyl ether	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99					
2-Chlorotoluene	mg/kg											.0072	<	U	.0072	.0072
2-Hexanone	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.029	<	U	.029	.029
2-Propenal	mg/kg	.073	<	U	.073	-99	.078	<	U	.078	-99	.14	<	U	.14	.14
4-Chlorotoluene	mg/kg											.0072	<	U	.0072	.0072
Acetone	mg/kg	.069			.01462	-99	.016	<	U	.016	-99	.029	<	U	.029	.029
Acrylonitrile	mg/kg	.073	<	U	.073	-99	.078	<	U	.078	-99	.14	<	U	.14	.14
Benzene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Bromobenzene	mg/kg											.0072	<	U	.0072	.0072
Bromochloromethane	mg/kg											.0072	<	U	.0072	.0072
Bromodichloromethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Bromoform	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Bromomethane	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.014	<	U	.014	.014
Carbon disulfide	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Carbon tetrachloride	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.014	<	U	.014	.014

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD10					17SD11					17SD12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD10QC					17SD11					17SD12				
	Sample Date:	17-SEP-98					17-SEP-98					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014
1,2-Dibromoethane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,2-Dichlorobenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,2-Dichloroethane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,3-Dichlorobenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,3-Dichloropropane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,4-Dichloro-2-butene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,4-Dichlorobenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
1,4-Dioxane	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6	1.4	<	U	1.4	1.4
2,2-Dichloropropane	mg/kg	.021	<	U	.021	.021	.024	<	U	.024	.024	.021	<	U	.021	.021
2-Butanone	mg/kg	.028	<	U	.028	.028	.031	<	U	.031	.031	.028	<	U	.028	.028
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
2-Hexanone	mg/kg	.028	<	U	.028	.028	.031	<	U	.031	.031	.028	<	U	.028	.028
2-Propenal	mg/kg	.14	<	U	.14	.14	.16	<	U	.16	.16	.14	<	U	.14	.14
4-Chlorotoluene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Acetone	mg/kg	.0087		J	.028	.028	.031	<	U	.031	.031	.0036		J	.028	.028
Acrylonitrile	mg/kg	.14	<	U	.14	.14	.16	<	U	.16	.16	.14	<	U	.14	.14
Benzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Bromobenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Bromochloromethane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Bromodichloromethane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Bromoform	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Bromomethane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014
Carbon disulfide	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Carbon tetrachloride	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	Sample Depth:	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
2-Chloroethyl vinyl ether	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
2-Propenal	mg/kg	.064	<	U	.064	-99	.07	<	U	.07	-99	.059	<	U	.059	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.017			.01284	-99	.041			.01391	-99	.016			.01182	-99
Acrylonitrile	mg/kg	.064	<	U	.064	-99	.07	<	U	.07	-99	.059	<	U	.059	-99
Benzene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Bromoform	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Bromomethane	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
Carbon disulfide	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SS04					17SS05					17SS08				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
Sample Date:		03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2-Dichloropropane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
2-Chloroethyl vinyl ether	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
2-Propenal	mg/kg	.067	<	U	.067	-99	.063	<	U	.063	-99	.064	<	U	.064	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.031			.01271	-99
Acrylonitrile	mg/kg	.067	<	U	.067	-99	.063	<	U	.063	-99	.064	<	U	.064	-99
Benzene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromoform	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromomethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Carbon disulfide	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SS09					17SS10					17SS12				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
Sample Date:		05-MAR-95					15-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
2-Chloroethyl vinyl ether	mg/kg	.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
2-Propenal	mg/kg	.065	<	U	.065	-99	.063	<	UJ	.063	-99	.064	<	U	.064	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.043			.01297	-99	.025		UJ	.01264	-99	.028			.01276	-99
Acrylonitrile	mg/kg	.065	<	U	.065	-99	.063	<	UJ	.063	-99	.064	<	U	.064	-99
Benzene	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Bromoform	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Bromomethane	mg/kg	.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
Carbon disulfide	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS13					17SS13					17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	Sample Depth:	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2-Dichloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2-Dichloropropane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
2-Chloroethyl vinyl ether	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
2-Propenal	mg/kg	.077	<	U	.077	-99	.072	<	U	.072	-99	.066	<	U	.066	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.021			.01325	-99
Acrylonitrile	mg/kg	.077	<	U	.077	-99	.072	<	U	.072	-99	.066	<	U	.066	-99
Benzene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Bromoform	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Bromomethane	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Carbon disulfide	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Carbon tetrachloride	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS14					17SS15					17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
	Sample Date:	01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2-Dichloropropane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
2-Chloroethyl vinyl ether	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
2-Propenal	mg/kg	.067	<	U	.067	-99	.068	<	U	.068	-99	.063	<	U	.063	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.013	<	U	.013	-99	.049			.01364	-99	.111			.01258	-99
Acrylonitrile	mg/kg	.067	<	U	.067	-99	.068	<	U	.068	-99	.063	<	U	.063	-99
Benzene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Bromoform	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Bromomethane	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Carbon disulfide	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SS17					17SS18					17SS19				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
Sample Date:		01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2-Dichloropropane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
2-Chloroethyl vinyl ether	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.015	<	U	.015	-99	.022			.01337	-99	.012	<	U	.012	-99
2-Propenal	mg/kg	.077	<	U	.077	-99	.067	<	U	.067	-99	.062	<	U	.062	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Acrylonitrile	mg/kg	.077	<	U	.077	-99	.067	<	U	.067	-99	.062	<	U	.062	-99
Benzene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Bromoform	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Bromomethane	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Carbon disulfide	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.007	<	U	.007	-99										
1,2-Dichloroethene	mg/kg	.007	<	U	.007	-99										
1,2-Dichloropropane	mg/kg	.007	<	U	.007	-99										
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99										
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.013	<	U	.013	-99										
2-Chloroethyl vinyl ether	mg/kg	.013	<	U	.013	-99										
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99										
2-Propenal	mg/kg	.066	<	U	.066	-99										
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.014			.01312	-99										
Acrylonitrile	mg/kg	.066	<	U	.066	-99										
Benzene	mg/kg	.007	<	U	.007	-99										
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.007	<	U	.007	-99										
Bromoform	mg/kg	.007	<	U	.007	-99										
Bromomethane	mg/kg	.013	<	U	.013	-99										
Carbon disulfide	mg/kg	.007	<	U	.007	-99										
Carbon tetrachloride	mg/kg	.007	<	U	.007	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS21					17SS22					17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

	Location Code:	17SS22					17SS22					17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
	Sample Date:	20-AUG-98					20-AUG-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013					
1,2-Dibromoethane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,2-Dichlorobenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,2-Dichloroethane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,3-Dichlorobenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,3-Dichloropropane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,4-Dichloro-2-butene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,4-Dichlorobenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
1,4-Dioxane	mg/kg	1.1	<	U	1.1	1.1	1.3	<	U	1.3	1.3					
2,2-Dichloropropane	mg/kg	.016	<	U	.016	.016	.019	<	U	.019	.019					
2-Butanone	mg/kg	.021	<	U	.021	.021	.015			.025	.025					
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
2-Hexanone	mg/kg	.021	<	U	.021	.021	.025	<	U	.025	.025					
2-Propenal	mg/kg	.11	<	U	.11	.11	.13	<	U	.13	.13					
4-Chlorotoluene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Acetone	mg/kg	.021	<	U	.021	.021	.093			.025	.025					
Acrylonitrile	mg/kg	.11	<	U	.11	.11	.13	<	U	.13	.13					
Benzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Bromobenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Bromochloromethane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Bromodichloromethane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Bromoform	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Bromomethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013					
Carbon disulfide	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Carbon tetrachloride	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS23					17SS24					17SS24				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS25					17SS25					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(0-0.5)					17SS25(2.5-3)					C-17SS26(0-0.5)-9807				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS26					17SS26					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
	Sample Date:	11-JUL-98					20-AUG-98					20-AUG-98				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg						.011	<	U	.011	.011	.011	<	U	.011	.011
1,2-Dibromoethane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,2-Dichlorobenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,2-Dichloroethane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,3-Dichlorobenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,3-Dichloropropane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,4-Dichloro-2-butene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,4-Dichlorobenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
1,4-Dioxane	mg/kg						1.1	<	U	1.1	1.1	1.1	<	U	1.1	1.1
2,2-Dichloropropane	mg/kg						.016	<	U	.016	.016	.017	<	U	.017	.017
2-Butanone	mg/kg						.022	<	U	.022	.022	.023	<	U	.023	.023
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
2-Hexanone	mg/kg						.022	<	U	.022	.022	.023	<	U	.023	.023
2-Propenal	mg/kg						.11	<	U	.11	.11	.11	<	U	.11	.11
4-Chlorotoluene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Acetone	mg/kg						.018			.022	.022	.013			.023	.023
Acrylonitrile	mg/kg						.11	<	U	.11	.11	.11	<	U	.11	.11
Benzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Bromobenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Bromochloromethane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Bromodichloromethane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Bromoform	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Bromomethane	mg/kg						.011	<	U	.011	.011	.011	<	U	.011	.011
Carbon disulfide	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Carbon tetrachloride	mg/kg						.011	<	U	.011	.011	.011	<	U	.011	.011

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS27					17SS27					17SS28				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS28					17SS29					17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS31					17SS31					17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)					17SS31(2.5-3)					17SS31(2.5-3)QC				
	Sample Date:	14-JUL-98					14-JUL-98					14-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17WW01					18SD03					18SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
	Sample Date:	16-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.006		J	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
2-Propenal	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Acrylonitrile	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Benzene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Carbon disulfide	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Carbon tetrachloride	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SD05					18SD06					18SD06				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
Sample Date:		02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
2-Propenal	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
Acrylonitrile	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
Benzene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
Carbon disulfide	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Carbon tetrachloride	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD07					18SD07					18SD08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
2-Propenal	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
Acrylonitrile	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
Benzene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
Carbon disulfide	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Carbon tetrachloride	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD09					18SD10					18SD11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
1,2-Dichloroethene	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
1,2-Dichloropropane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
2-Chloroethyl vinyl ether	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
2-Propenal	mg/kg	.077	<	U	.077	-99	.113	<	U	.113	-99	.067	<	U	.067	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.015	<	U	.015	-99	.075			.02268	-99	.014	<	U	.014	-99
Acrylonitrile	mg/kg	.077	<	U	.077	-99	.113	<	U	.113	-99	.067	<	U	.067	-99
Benzene	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Bromoform	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Bromomethane	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
Carbon disulfide	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Carbon tetrachloride	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD29					18SS01					18SS02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)				
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg	.013	<	U	.013	.013										
1,2-Dibromoethane	mg/kg	.0067	<	U	.0067	.0067										
1,2-Dichlorobenzene	mg/kg	.0067	<	U	.0067	.0067										
1,2-Dichloroethane	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
1,2-Dichloroethene	mg/kg						.006	<	UJ	.006	-99					
1,2-Dichloropropane	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0067	<	U	.0067	.0067										
1,3-Dichlorobenzene	mg/kg	.0067	<	U	.0067	.0067										
1,3-Dichloropropane	mg/kg	.0067	<	U	.0067	.0067										
1,4-Dichloro-2-butene	mg/kg	.0067	<	U	.0067	.0067	.012	<	UJ	.012	-99					
1,4-Dichlorobenzene	mg/kg	.0067	<	U	.0067	.0067										
1,4-Dioxane	mg/kg	1.3	<	U	1.3	1.3										
2,2-Dichloropropane	mg/kg	.02	<	U	.02	.02										
2-Butanone	mg/kg	.027	<	U	.027	.027	.012	<	UJ	.012	-99					
2-Chloroethyl vinyl ether	mg/kg						.012	<	UJ	.012	-99					
2-Chlorotoluene	mg/kg	.0067	<	U	.0067	.0067										
2-Hexanone	mg/kg	.027	<	U	.027	.027	.012	<	UJ	.012	-99					
2-Propenal	mg/kg	.13	<	U	.13	.13	.062	<	UJ	.062	-99					
4-Chlorotoluene	mg/kg	.0067	<	U	.0067	.0067										
Acetone	mg/kg	.027	<	U	.027	.027	.012	<	UJ	.012	-99					
Acrylonitrile	mg/kg	.13	<	U	.13	.13	.062	<	UJ	.062	-99					
Benzene	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Bromobenzene	mg/kg	.0067	<	U	.0067	.0067										
Bromochloromethane	mg/kg	.0067	<	U	.0067	.0067										
Bromodichloromethane	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Bromoform	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Bromomethane	mg/kg	.013	<	U	.013	.013	.012	<	UJ	.012	-99					
Carbon disulfide	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Carbon tetrachloride	mg/kg	.013	<	U	.013	.013	.006	<	UJ	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SS03					18SS05					18SS06				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
Sample Date:		17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
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					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
2-Chloroethyl vinyl ether	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
2-Propenal	mg/kg	.058	<	U	.058	-99	.063	<	U	.063	-99					
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Acrylonitrile	mg/kg	.058	<	U	.058	-99	.063	<	U	.063	-99					
Benzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
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	.012	<	U	.012	-99	.013	<	U	.013	-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					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
2-Chloroethyl vinyl ether	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
2-Propenal	mg/kg	.058	<	U	.058	-99						.059	<	UJ	.059	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
Acrylonitrile	mg/kg	.058	<	U	.058	-99						.059	<	UJ	.059	-99
Benzene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Bromoform	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Bromomethane	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
Carbon disulfide	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Carbon tetrachloride	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS10					18SS11					18SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
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
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99
2-Chloroethyl vinyl ether	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99
2-Propenal	mg/kg						.058	<	U	.058	-99	.06	<	U	.06	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99
Acrylonitrile	mg/kg						.058	<	U	.058	-99	.06	<	U	.06	-99
Benzene	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
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						.012	<	U	.012	-99	.012	<	U	.012	-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

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS12					18SS13					18SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
	Sample Date:	05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.006	<	U	.006	-99										
1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99										
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99										
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.012	<	U	.012	-99										
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.012	<	U	.012	-99										
2-Chloroethyl vinyl ether	mg/kg	.012	<	U	.012	-99										
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.012	<	U	.012	-99										
2-Propenal	mg/kg	.059	<	U	.059	-99										
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.012	<	U	.012	-99										
Acrylonitrile	mg/kg	.059	<	U	.059	-99										
Benzene	mg/kg	.006	<	U	.006	-99										
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.006	<	U	.006	-99										
Bromoform	mg/kg	.006	<	U	.006	-99										
Bromomethane	mg/kg	.012	<	U	.012	-99										
Carbon disulfide	mg/kg	.006	<	U	.006	-99										
Carbon tetrachloride	mg/kg	.006	<	U	.006	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS15					18SS16					18SS17								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)								
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
VOLATILES																				
1,2-Dibromo-3-chloropropane	mg/kg																			
1,2-Dibromoethane	mg/kg																			
1,2-Dichlorobenzene	mg/kg																			
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				
1,2-Dimethylbenzene (o-Xylene)	mg/kg																			
1,3,5-Trimethylbenzene	mg/kg																			
1,3-Dichlorobenzene	mg/kg																			
1,3-Dichloropropane	mg/kg																			
1,4-Dichloro-2-butene	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-99				
1,4-Dichlorobenzene	mg/kg																			
1,4-Dioxane	mg/kg																			
2,2-Dichloropropane	mg/kg																			
2-Butanone	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-99				
2-Chloroethyl vinyl ether	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-99				
2-Chlorotoluene	mg/kg																			
2-Hexanone	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-99				
2-Propenal	mg/kg						.063	<	U	.063	-99	.059	<	U	.059	-99				
4-Chlorotoluene	mg/kg																			
Acetone	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-99				
Acrylonitrile	mg/kg						.063	<	U	.063	-99	.059	<	U	.059	-99				
Benzene	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
Bromobenzene	mg/kg																			
Bromochloromethane	mg/kg																			
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						.013	<	U	.013	-99	.012	<	U	.012	-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				

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS18					18SS19					18SS20				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)				
	Sample Date:	18-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg						.006	<	U	.006	-99					
1,2-Dichloroethene	mg/kg						.006	<	U	.006	-99					
1,2-Dichloropropane	mg/kg						.006	<	U	.006	-99					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg						.011	<	U	.011	-99					
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg						.011	<	U	.011	-99					
2-Chloroethyl vinyl ether	mg/kg						.011	<	U	.011	-99					
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg						.011	<	U	.011	-99					
2-Propenal	mg/kg						.057	<	U	.057	-99					
4-Chlorotoluene	mg/kg															
Acetone	mg/kg						.011	<	U	.011	-99					
Acrylonitrile	mg/kg						.057	<	U	.057	-99					
Benzene	mg/kg						.006	<	U	.006	-99					
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg						.006	<	U	.006	-99					
Bromoform	mg/kg						.006	<	U	.006	-99					
Bromomethane	mg/kg						.011	<	U	.011	-99					
Carbon disulfide	mg/kg						.006	<	U	.006	-99					
Carbon tetrachloride	mg/kg						.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS21					18SS21					18SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)				
	Sample Date:	18-MAR-95					18-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
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					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
2-Chloroethyl vinyl ether	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
2-Propenal	mg/kg	.06	<	U	.06	-99	.064	<	U	.064	-99					
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.012	<	U	.012	-99	.02			.01284	-99					
Acrylonitrile	mg/kg	.06	<	U	.06	-99	.064	<	U	.064	-99					
Benzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
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	.012	<	U	.012	-99	.013	<	U	.013	-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					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SS23					18SS24					18SS25				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
Sample Date:		05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2-Dichloropropane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
2-Chloroethyl vinyl ether	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
2-Propenal	mg/kg	.063	<	U	.063	-99	.061	<	U	.061	-99	.058	<	U	.058	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.025			.01255	-99	.055			.0122	-99	.012	<	U	.012	-99
Acrylonitrile	mg/kg	.063	<	U	.063	-99	.061	<	U	.061	-99	.058	<	U	.058	-99
Benzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromoform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromomethane	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Carbon disulfide	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-07					COE17-08					COE17-09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-07-01					COE17-08-01					COE17-09-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-10					COE17-11					COE17-12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-10-01					COE17-11-01					COE17-12-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-13					COE17-14					COE17-15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-13-01					COE17-14-01					COE17-15-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-16					FWS-088					FWS-101				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-16-01					CLNWR088					CLNWR101				
	Sample Date:	01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-108					FWS-119					FWS-123				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR108					CLNWR119					CLNWR123				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-124					LH-S114-01					LH-S114-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1				
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
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
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg						.05	<	U	.05	.05	.05	<	U	.05	.05
2-Chloroethyl vinyl ether	mg/kg						.01	<	U	.01	.01	.01	<	U	.01	.01
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg						.05	<	U	.05	.05	.05	<	U	.05	.05
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg						.1	<	U	.1	.1	.1	<	U	.1	.1
Acrylonitrile	mg/kg															
Benzene	mg/kg						.005	<	U	.005	.005	.005	<	U	.005	.005
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
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						.01	<	U	.01	.01	.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

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LH-S115-01					LH-S115-02					LH-S115-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
	Sample Date:	04-AUG-93					04-AUG-93					04-AUG-93				
User Test Group	*Sample Depth:*	.5 - 1					.6 - 2.6					.6 - 2.6				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
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
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2-Chloroethyl vinyl ether	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.01	<	U	.01	.01
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
Acrylonitrile	mg/kg															
Benzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
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	.01	<	U	.01	.01
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

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS01					STEP-17SS01					STEP-17SS01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(0-0.5)-020306					17SS01(00.5)0203FD					17SS01(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS03					STEP-17SS04					STEP-17SS04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS03(1-2)-020306					17SS04(0-0.5)-020306					17SS04(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS07					STEP-17SS08					STEP-17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS07(1-2)-020306					17SS08(0-0.5)-020306					17SS08(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS10					STEP-17SS11					STEP-17SS11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS10(1-2)-020306					17SS11(0-0.5)-020306					17SS11(00.5)0203FD				
	Sample Date:	06-MAR-02					06-MAR-02					06-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
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS11					STEP-17SS12					STEP-17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS11(1-2)-020306					17SS12(0-0.5)-020306					17SS12(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS13					STEP-17SS13					STEP-17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(0-0.5)-020307					17SS13(1-2)-020307					17SS14(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS14					STEP-17SS15					STEP-17SS15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(1-2)-020307					17SS15(0-0.5)-020307					17SS15(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS20					STEP-17SS20					STEP-17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(0-0.5)-020307					17SS20(1-2)-020307					17SS21(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS21					STEP-17SS21					STEP-17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS22					STEP-17SS23					STEP-17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(1-2)-020307					17SS23(0-0.5)-020307					17SS23(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS25					STEP-17SS26					STEP-17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS26					STEP-17SS27					STEP-17SS27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS26(1-2)-020307					17SS27(0-0.5)-020307					17SS27(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS33					STEP-17SS34					STEP-17SS34				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS33(1-2)-020307					17SS34(0-0.5)-020308					17SS34(1-2)-020308				
	Sample Date:	07-MAR-02					08-MAR-02					08-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
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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*
VOLATILES																
1,2-Dibromo-3-chloropropane	mg/kg															
1,2-Dibromoethane	mg/kg															
1,2-Dichlorobenzene	mg/kg															
1,2-Dichloroethane	mg/kg															
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg															
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg															
Acetone	mg/kg															
Acrylonitrile	mg/kg															
Benzene	mg/kg															
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg															
Bromoform	mg/kg															
Bromomethane	mg/kg															
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS37					
	Associated Site:	Waste Sub-Area					
	Sample No:	17SS37(1-2)-020308					
	Sample Date:	08-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
VOLATILES							
1,2-Dibromo-3-chloropropane	mg/kg						
1,2-Dibromoethane	mg/kg						
1,2-Dichlorobenzene	mg/kg						
1,2-Dichloroethane	mg/kg						
1,2-Dichloroethene	mg/kg						
1,2-Dichloropropane	mg/kg						
1,2-Dimethylbenzene (o-Xylene)	mg/kg						
1,3,5-Trimethylbenzene	mg/kg						
1,3-Dichlorobenzene	mg/kg						
1,3-Dichloropropane	mg/kg						
1,4-Dichloro-2-butene	mg/kg						
1,4-Dichlorobenzene	mg/kg						
1,4-Dioxane	mg/kg						
2,2-Dichloropropane	mg/kg						
2-Butanone	mg/kg						
2-Chloroethyl vinyl ether	mg/kg						
2-Chlorotoluene	mg/kg						
2-Hexanone	mg/kg						
2-Propenal	mg/kg						
4-Chlorotoluene	mg/kg						
Acetone	mg/kg						
Acrylonitrile	mg/kg						
Benzene	mg/kg						
Bromobenzene	mg/kg						
Bromochloromethane	mg/kg						
Bromodichloromethane	mg/kg						
Bromoform	mg/kg						
Bromomethane	mg/kg						
Carbon disulfide	mg/kg						
Carbon tetrachloride	mg/kg						

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB01					12SB06					12SB06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)				
	Sample Date:	01-JUN-93					31-MAY-00					31-MAY-00				
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*
VOLATILES																
Chlorobenzene	mg/kg	.0057	<	U	.0057	-99										
Chloroethane	mg/kg	.012	<	U	.012	-99										
Chloroform	mg/kg	.0057	<	U	.0057	-99										
Chloromethane	mg/kg	.012	<	U	.012	-99										
Dibromochloromethane	mg/kg	.0057	<	U	.0057	-99										
Dibromomethane	mg/kg	.0057	<	U	.0057	-99										
Dichlorodifluoromethane	mg/kg	.0057	<	U	.0057	-99										
Ethyl methacrylate	mg/kg	.0057	<	U	.0057	-99										
Ethylbenzene	mg/kg	.0057	<	U	.0057	-99										
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.012	<	U	.012	-99										
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.012	<	U	.012	-99										
Methylene chloride	mg/kg	.0057	<	U	.0057	-99										
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.0057	<	U	.0057	-99										
Tetrachloroethene	mg/kg	.0057	<	U	.0057	-99										
Toluene	mg/kg	.0057	<	U	.0057	-99										
Trichloroethene	mg/kg	.0057	<	U	.0057	-99										
Trichlorofluoromethane	mg/kg	.0057	<	U	.0057	-99										
Vinyl acetate	mg/kg	.0057	<	U	.0057	-99										
Vinyl chloride	mg/kg	.012	<	U	.012	-99										
Xylenes, Total	mg/kg	.0057	<	U	.0057	-99										
cis-1,2-Dichloroethene	mg/kg	.0057	<	U	.0057	-99										
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB08					12SB09					12WW01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB08(0-0.5)					12SB09(0-0.5)					12WW01(0-2)				
	Sample Date:	31-MAY-00					31-MAY-00					27-APR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg											.0062	<	U	.0062	-99
Chloroethane	mg/kg											.012	<	U	.012	-99
Chloroform	mg/kg											.0062	<	U	.0062	-99
Chloromethane	mg/kg											.012	<	U	.012	-99
Dibromochloromethane	mg/kg											.0062	<	U	.0062	-99
Dibromomethane	mg/kg											.0062	<	U	.0062	-99
Dichlorodifluoromethane	mg/kg											.0062	<	U	.0062	-99
Ethyl methacrylate	mg/kg											.0062	<	U	.0062	-99
Ethylbenzene	mg/kg											.0062	<	U	.0062	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg											.012	<	U	.012	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg											.012	<	U	.012	-99
Methylene chloride	mg/kg											.0099			.0062	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg											.0062	<	U	.0062	-99
Tetrachloroethene	mg/kg											.0062	<	U	.0062	-99
Toluene	mg/kg											.0062	<	U	.0062	-99
Trichloroethene	mg/kg											.0062	<	U	.0062	-99
Trichlorofluoromethane	mg/kg											.0062	<	U	.0062	-99
Vinyl acetate	mg/kg											.0062	<	U	.0062	-99
Vinyl chloride	mg/kg											.012	<	U	.012	-99
Xylenes, Total	mg/kg											.0062	<	U	.0062	-99
cis-1,2-Dichloroethene	mg/kg											.0062	<	U	.0062	-99
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12WW02					12WW02					12WW02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02				
	Sample Date:	04-FEB-88					04-FEB-90					28-APR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg											.006	<	U	.006	-99
Chloroethane	mg/kg											.012	<	U	.012	-99
Chloroform	mg/kg											.006	<	U	.006	-99
Chloromethane	mg/kg											.012	<	U	.012	-99
Dibromochloromethane	mg/kg											.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											.006	<	U	.006	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg											.012	<	U	.012	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg											.012	<	U	.012	-99
Methylene chloride	mg/kg											.006	<	U	.006	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg											.006	<	U	.006	-99
Tetrachloroethene	mg/kg											.006	<	U	.006	-99
Toluene	mg/kg											.006	<	U	.006	-99
Trichloroethene	mg/kg											.006	<	U	.006	-99
Trichlorofluoromethane	mg/kg											.006	<	U	.006	-99
Vinyl acetate	mg/kg											.006	<	U	.006	-99
Vinyl chloride	mg/kg											.012	<	U	.012	-99
Xylenes, Total	mg/kg											.006	<	U	.006	-99
cis-1,2-Dichloroethene	mg/kg											.006	<	U	.006	-99
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	12WW05					12WW07					16SB11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
	Sample Date:	19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Chloroethane	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
Chloroform	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Chloromethane	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
Dibromochloromethane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Dibromomethane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Dichlorodifluoromethane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Ethyl methacrylate	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Ethylbenzene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
Methylene chloride	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Tetrachloroethene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Toluene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Trichloroethene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Trichlorofluoromethane	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Vinyl acetate	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
Vinyl chloride	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99					
Xylenes, Total	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
cis-1,2-Dichloroethene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16SB11					16SD02					16SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)				
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 1					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Chloroethane	mg/kg						.013	<	U	.013	-99	.014	<	U	.014	-99
Chloroform	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Chloromethane	mg/kg						.013	<	U	.013	-99	.014	<	U	.014	-99
Dibromochloromethane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Dibromomethane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Dichlorodifluoromethane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Ethyl methacrylate	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Ethylbenzene	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg						.013	<	U	.013	-99	.014	<	U	.014	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg						.013	<	U	.013	-99	.014	<	U	.014	-99
Methylene chloride	mg/kg						.0063	<	U	.0063	-99	.014	<	U	.014	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Tetrachloroethene	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Toluene	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Trichloroethene	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Trichlorofluoromethane	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
Vinyl acetate	mg/kg						.0063	<	U	.0063	-99	.014	<	U	.014	-99
Vinyl chloride	mg/kg						.013	<	U	.013	-99	.014	<	U	.014	-99
Xylenes, Total	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99
cis-1,2-Dichloroethene	mg/kg						.0063	<	U	.0063	-99					
cis-1,3-Dichloropropene	mg/kg											.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		16SD11					16WW27					16WW27				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC				
Sample Date:		28-FEB-95					17-MAY-97					17-MAY-97				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Chloroethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99					
Chloroform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Chloromethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99					
Dibromochloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Dibromomethane	mg/kg	.006	<	U	.006	-99	.013	<	U	.013	-99					
Dichlorodifluoromethane	mg/kg	.006	<	U	.006	-99	.019	<	U	.019	-99					
Ethyl methacrylate	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Ethylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Hexachlorobutadiene	mg/kg						.006	<	U	.006	-99					
IODOMETHANE	mg/kg	.013	<	U	.013	-99	.006	<	U	.006	-99					
ISOBUTYL ALCOHOL	mg/kg						1.3	<	U	1.3	-99					
Isopropylbenzene	mg/kg						.006	<	U	.006	-99					
METHYL METHACRYLATE	mg/kg						.064	<	U	.064	-99					
Methacrylonitrile	mg/kg						.13	<	U	.13	-99					
Methyl isobutyl ketone	mg/kg	.013	<	U	.013	-99	.026	<	U	.026	-99					
Methylene chloride	mg/kg	.013	<	U	.013	-99	.003		U	.006	-99					
Naphthalene	mg/kg						.006	<	U	.006	-99					
Pentachloroethane	mg/kg						.013	<	U	.013	-99					
Propionitrile	mg/kg						.13	<	U	.13	-99					
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	.013	<	U	.013	-99					
Trichlorofluoromethane	mg/kg	.006	<	U	.006	-99	.013	<	U	.013	-99					
Vinyl acetate	mg/kg	.013	<	U	.013	-99	.026	<	U	.026	-99					
Vinyl chloride	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99					
Xylenes, Total	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
cis-1,2-Dichloroethene	mg/kg						.006	<	U	.006	-99					
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW27					16WW31					16WW31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW27(1-3)					16WW31(0-0.5)					16WW31(1-3)				
	Sample Date:	17-MAY-97					29-MAY-97					29-MAY-97				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Chloroethane	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Chloroform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Chloromethane	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Dibromochloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Dibromomethane	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Dichlorodifluoromethane	mg/kg	.018	<	U	.018	-99	.018	<	U	.018	-99	.018	<	U	.018	-99
Ethyl methacrylate	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Ethylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Hexachlorobutadiene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
IODOMETHANE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
ISOBUTYL ALCOHOL	mg/kg	1.2	<	U	1.2	-99	1.2	<	U	1.2	-99	1.2	<	U	1.2	-99
Isopropylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
METHYL METHACRYLATE	mg/kg	.06	<	U	.06	-99	.06	<	U	.06	-99	.061	<	U	.061	-99
Methacrylonitrile	mg/kg	.12	<	U	.12	-99	.12	<	U	.12	-99	.12	<	U	.12	-99
Methyl isobutyl ketone	mg/kg	.024	<	U	.024	-99	.024	<	U	.024	-99	.024	<	U	.024	-99
Methylene chloride	mg/kg	.002		U	.006	-99	.005			.006	-99	.01			.006	-99
Naphthalene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Pentachloroethane	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Propionitrile	mg/kg	.12	<	U	.12	-99	.12	<	U	.12	-99	.12	<	U	.12	-99
Styrene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Tetrachloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Toluene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Trichloroethene	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Trichlorofluoromethane	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Vinyl acetate	mg/kg	.024	<	U	.024	-99	.024	<	U	.024	-99	.024	<	U	.024	-99
Vinyl chloride	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Xylenes, Total	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
cis-1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW35					16WW35					16WW35				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
	Sample Date:	25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Chloroethane	mg/kg	.011	<	U	.011	-99	.01	<	U	.01	-99	.012	<	U	.012	-99
Chloroform	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Chloromethane	mg/kg	.011	<	U	.011	-99	.01	<	U	.01	-99	.012	<	U	.012	-99
Dibromochloromethane	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Dibromomethane	mg/kg	.011	<	U	.011	-99	.01	<	U	.01	-99	.012	<	U	.012	-99
Dichlorodifluoromethane	mg/kg	.016	<	U	.016	-99	.015	<	U	.015	-99	.019	<	U	.019	-99
Ethyl methacrylate	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Ethylbenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Hexachlorobutadiene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
IODOMETHANE	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
ISOBUTYL ALCOHOL	mg/kg	1.1	<	U	1.1	-99	1	<	U	1	-99	1.2	<	U	1.2	-99
Isopropylbenzene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
METHYL METHACRYLATE	mg/kg	.053	<	U	.053	-99	.05	<	U	.05	-99	.062	<	U	.062	-99
Methacrylonitrile	mg/kg	.11	<	U	.11	-99	.1	<	U	.1	-99	.12	<	U	.12	-99
Methyl isobutyl ketone	mg/kg	.021	<	U	.021	-99	.02	<	U	.02	-99	.025	<	U	.025	-99
Methylene chloride	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Naphthalene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Pentachloroethane	mg/kg	.011	<	U	.011	-99	.01	<	U	.01	-99	.012	<	U	.012	-99
Propionitrile	mg/kg	.11	<	U	.11	-99	.1	<	U	.1	-99	.12	<	U	.12	-99
Styrene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.002			.006	-99
Tetrachloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Toluene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
Trichloroethene	mg/kg	.011	<	U	.011	-99	.01	<	U	.01	-99	.012	<	U	.012	-99
Trichlorofluoromethane	mg/kg	.011	<	U	.011	-99	.01	<	U	.01	-99	.012	<	U	.012	-99
Vinyl acetate	mg/kg	.021	<	U	.021	-99	.02	<	U	.02	-99	.025	<	U	.025	-99
Vinyl chloride	mg/kg	.011	<	U	.011	-99	.01	<	U	.01	-99	.012	<	U	.012	-99
Xylenes, Total	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
cis-1,2-Dichloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16WW37					16WW37					17SB01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)				
	Sample Date:	31-MAY-97					31-MAY-97					15-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Chloroethane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Chloroform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Chloromethane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Dibromochloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Dibromomethane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.0063	<	U	.0063	-99
Dichlorodifluoromethane	mg/kg	.019	<	U	.019	-99	.019	<	U	.019	-99	.0063	<	U	.0063	-99
Ethyl methacrylate	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Ethylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Hexachlorobutadiene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
IODOMETHANE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.013	<	U	.013	-99
ISOBUTYL ALCOHOL	mg/kg	1.2	<	U	1.2	-99	1.3	<	U	1.3	-99					
Isopropylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
METHYL METHACRYLATE	mg/kg	.062	<	U	.062	-99	.062	<	U	.062	-99					
Methacrylonitrile	mg/kg	.12	<	U	.12	-99	.13	<	U	.13	-99					
Methyl isobutyl ketone	mg/kg	.025	<	U	.025	-99	.025	<	U	.025	-99	.013	<	U	.013	-99
Methylene chloride	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Naphthalene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Pentachloroethane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Propionitrile	mg/kg	.12	<	U	.12	-99	.13	<	U	.13	-99					
Styrene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Tetrachloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Toluene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
Trichloroethene	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.0063	<	U	.0063	-99
Trichlorofluoromethane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.0063	<	U	.0063	-99
Vinyl acetate	mg/kg	.025	<	U	.025	-99	.025	<	U	.025	-99	.0063	<	U	.0063	-99
Vinyl chloride	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Xylenes, Total	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
cis-1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB01					17SB02					17SB03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB01(02)					17SB02(0-2)					17SB03(0-2)				
	Sample Date:	15-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Chloroethane	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Chloroform	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Chloromethane	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Dibromochloromethane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Dibromomethane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Dichlorodifluoromethane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Ethyl methacrylate	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Ethylbenzene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Methylene chloride	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Tetrachloroethene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Toluene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Trichloroethene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Trichlorofluoromethane	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Vinyl acetate	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
Vinyl chloride	mg/kg	.012	<	U	.012	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Xylenes, Total	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
cis-1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB03					17SB04					17SB05								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)								
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93								
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
VOLATILES																				
Chlorobenzene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Chloroethane	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99				
Chloroform	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Chloromethane	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99				
Dibromochloromethane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Dibromomethane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Dichlorodifluoromethane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Ethyl methacrylate	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Ethylbenzene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Hexachlorobutadiene	mg/kg																			
IODOMETHANE	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99				
ISOBUTYL ALCOHOL	mg/kg																			
Isopropylbenzene	mg/kg																			
METHYL METHACRYLATE	mg/kg																			
Methacrylonitrile	mg/kg																			
Methyl isobutyl ketone	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99				
Methylene chloride	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Naphthalene	mg/kg																			
Pentachloroethane	mg/kg																			
Propionitrile	mg/kg																			
Styrene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Tetrachloroethene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Toluene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Trichloroethene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Trichlorofluoromethane	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Vinyl acetate	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
Vinyl chloride	mg/kg						.013	<	U	.013	-99	.013	<	U	.013	-99				
Xylenes, Total	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
cis-1,2-Dichloroethene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99				
cis-1,3-Dichloropropene	mg/kg																			

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB06					17SB07					17SB09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
	Sample Date:	15-MAY-93					16-MAY-93					30-MAY-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																
Chlorobenzene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Chloroethane	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
Chloroform	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Chloromethane	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
Dibromochloromethane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Dibromomethane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Dichlorodifluoromethane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Ethyl methacrylate	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Ethylbenzene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
Methylene chloride	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Tetrachloroethene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Toluene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Trichloroethene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Trichlorofluoromethane	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Vinyl acetate	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
Vinyl chloride	mg/kg	.011	<	U	.011	-99	.012	<	U	.012	-99					
Xylenes, Total	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
cis-1,2-Dichloroethene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
cis-1,3-Dichloropropene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	17SB09					17SB10					17SB10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
	Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD01					17SD01					17SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD01					17SD01(000.0)					17SD02				
	Sample Date:	21-APR-93					02-MAR-95					21-APR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Chloroethane	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Chloroform	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Chloromethane	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Dibromochloromethane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Dibromomethane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Dichlorodifluoromethane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Ethyl methacrylate	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Ethylbenzene	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Methylene chloride	mg/kg	.0075	<	U	.0075	-99	.014	<	U	.014	-99	.0067	<	U	.0067	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Tetrachloroethene	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Toluene	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Trichloroethene	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Trichlorofluoromethane	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
Vinyl acetate	mg/kg	.0075	<	U	.0075	-99	.014	<	U	.014	-99	.0067	<	U	.0067	-99
Vinyl chloride	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Xylenes, Total	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99
cis-1,2-Dichloroethene	mg/kg	.0075	<	U	.0075	-99						.0067	<	U	.0067	-99
cis-1,3-Dichloropropene	mg/kg						.007	<	U	.007	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD02					17SD02					17SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	Sample Depth:	.0 - 0					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Chloroethane	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
Chloroform	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Chloromethane	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
Dibromochloromethane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Dibromomethane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Dichlorodifluoromethane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Ethyl methacrylate	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Ethylbenzene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
Methylene chloride	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Tetrachloroethene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Toluene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Trichloroethene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Trichlorofluoromethane	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
Vinyl acetate	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
Vinyl chloride	mg/kg	.02	<	U	.02	-99	.019	<	U	.019	-99	.014	<	U	.014	-99
Xylenes, Total	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD05					17SD06					17SD07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
	Sample Date:	02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Chloroethane	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Chloroform	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Chloromethane	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Dibromochloromethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Dibromomethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Dichlorodifluoromethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Ethyl methacrylate	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Ethylbenzene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Methylene chloride	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Tetrachloroethene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Toluene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Trichloroethene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Trichlorofluoromethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Vinyl acetate	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Vinyl chloride	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Xylenes, Total	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD08					17SD09					17SD10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD08(000.0)					17SD09(000.0)					17SD10				
	Sample Date:	05-MAR-95					05-MAR-95					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Chloroethane	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.014	<	U	.014	.014
Chloroform	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Chloromethane	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.014	<	U	.014	.014
Dibromochloromethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Dibromomethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.014	<	U	.014	.014
Dichlorodifluoromethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.022	<	U	.022	.022
Ethyl methacrylate	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Ethylbenzene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Hexachlorobutadiene	mg/kg											.0072	<	U	.0072	.0072
IODOMETHANE	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.0072	<	U	.0072	.0072
ISOBUTYL ALCOHOL	mg/kg											1.4	<	U	1.4	1.4
Isopropylbenzene	mg/kg											.0072	<	U	.0072	.0072
METHYL METHACRYLATE	mg/kg											.072	<	U	.072	.072
Methacrylonitrile	mg/kg											.14	<	U	.14	.14
Methyl isobutyl ketone	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.029	<	U	.029	.029
Methylene chloride	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.0072	<	U	.0072	.0072
Naphthalene	mg/kg											.0072	<	U	.0072	.0072
Pentachloroethane	mg/kg											.014	<	U	.014	.014
Propionitrile	mg/kg											.14	<	U	.14	.14
Styrene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Tetrachloroethene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
Toluene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0066		J	.0072	.0072
Trichloroethene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.014	<	U	.014	.014
Trichlorofluoromethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.014	<	U	.014	.014
Vinyl acetate	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.029	<	U	.029	.029
Vinyl chloride	mg/kg	.015	<	U	.015	-99	.016	<	U	.016	-99	.014	<	U	.014	.014
Xylenes, Total	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072
cis-1,2-Dichloroethene	mg/kg											.0072	<	U	.0072	.0072
cis-1,3-Dichloropropene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SD10					17SD11					17SD12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD10QC					17SD11					17SD12				
	Sample Date:	17-SEP-98					17-SEP-98					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Chloroethane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014
Chloroform	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Chloromethane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014
Dibromochloromethane	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Dibromomethane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014
Dichlorodifluoromethane	mg/kg	.021	<	U	.021	.021	.024	<	U	.024	.024	.021	<	U	.021	.021
Ethyl methacrylate	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Ethylbenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Hexachlorobutadiene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
IODOMETHANE	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
ISOBUTYL ALCOHOL	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6	1.4	<	U	1.4	1.4
Isopropylbenzene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
METHYL METHACRYLATE	mg/kg	.07	<	U	.07	.07	.078	<	U	.078	.078	.071	<	U	.071	.071
Methacrylonitrile	mg/kg	.14	<	U	.14	.14	.16	<	U	.16	.16	.14	<	U	.14	.14
Methyl isobutyl ketone	mg/kg	.028	<	U	.028	.028	.031	<	U	.031	.031	.028	<	U	.028	.028
Methylene chloride	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Naphthalene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Pentachloroethane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014
Propionitrile	mg/kg	.14	<	U	.14	.14	.16	<	U	.16	.16	.14	<	U	.14	.14
Styrene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Tetrachloroethene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Toluene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
Trichloroethene	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014
Trichlorofluoromethane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014
Vinyl acetate	mg/kg	.028	<	U	.028	.028	.031	<	U	.031	.031	.028	<	U	.028	.028
Vinyl chloride	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014
Xylenes, Total	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
cis-1,2-Dichloroethene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
cis-1,3-Dichloropropene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Chloroethane	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
Chloroform	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Chloromethane	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
Dibromochloromethane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Dibromomethane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Dichlorodifluoromethane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Ethyl methacrylate	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Ethylbenzene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
Methylene chloride	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Tetrachloroethene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Toluene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Trichloroethene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Trichlorofluoromethane	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Vinyl acetate	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
Vinyl chloride	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.012	<	U	.012	-99
Xylenes, Total	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS04					17SS05					17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Chloroethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Chloroform	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Chloromethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Dibromochloromethane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Dibromomethane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Dichlorodifluoromethane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Ethyl methacrylate	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Ethylbenzene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Methylene chloride	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Tetrachloroethene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Toluene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Trichloroethene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Trichlorofluoromethane	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Vinyl acetate	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Vinyl chloride	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Xylenes, Total	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

		Location Code:	17SS09					17SS10					17SS12				
		Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
		Sample No:	17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
		Sample Date:	05-MAR-95					15-MAR-95					05-MAR-95				
User Test Group		Sample Depth:	.5 - 0.5					.0 - 0.5					.5 - 0.5				
Parameter	Units		Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Chlorobenzene	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Chloroethane	mg/kg		.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
Chloroform	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Chloromethane	mg/kg		.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
Dibromochloromethane	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Dibromomethane	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Dichlorodifluoromethane	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Ethyl methacrylate	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Ethylbenzene	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Hexachlorobutadiene	mg/kg																
IODOMETHANE	mg/kg		.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
ISOBUTYL ALCOHOL	mg/kg																
Isopropylbenzene	mg/kg																
METHYL METHACRYLATE	mg/kg																
Methacrylonitrile	mg/kg																
Methyl isobutyl ketone	mg/kg		.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
Methylene chloride	mg/kg		.013	<	U	.013	-99	.023		UJ	.01264	-99	.013	<	U	.013	-99
Naphthalene	mg/kg																
Pentachloroethane	mg/kg																
Propionitrile	mg/kg																
Styrene	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Tetrachloroethene	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Toluene	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Trichloroethene	mg/kg		.006	<	U	.006	-99	.006		J	.00632	-99	.006	<	U	.006	-99
Trichlorofluoromethane	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
Vinyl acetate	mg/kg		.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
Vinyl chloride	mg/kg		.013	<	U	.013	-99	.013	<	UJ	.013	-99	.013	<	U	.013	-99
Xylenes, Total	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99
cis-1,2-Dichloroethene	mg/kg																
cis-1,3-Dichloropropene	mg/kg		.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SS13					17SS13					17SS14				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
Sample Date:		04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Chloroethane	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Chloroform	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Chloromethane	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Dibromochloromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Dibromomethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Dichlorodifluoromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Ethyl methacrylate	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Ethylbenzene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Methylene chloride	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Tetrachloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Toluene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Trichloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Trichlorofluoromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
Vinyl acetate	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Vinyl chloride	mg/kg	.015	<	U	.015	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Xylenes, Total	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS14					17SS15					17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
	Sample Date:	01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	Sample Depth:	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Chloroethane	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Chloroform	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Chloromethane	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Dibromochloromethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Dibromomethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Dichlorodifluoromethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Ethyl methacrylate	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Ethylbenzene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Methylene chloride	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Tetrachloroethene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Toluene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Trichloroethene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Trichlorofluoromethane	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Vinyl acetate	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Vinyl chloride	mg/kg	.013	<	U	.013	-99	.014	<	U	.014	-99	.013	<	U	.013	-99
Xylenes, Total	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS17					17SS18					17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
	Sample Date:	01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Chloroethane	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Chloroform	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Chloromethane	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Dibromochloromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Dibromomethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Dichlorodifluoromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Ethyl methacrylate	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Ethylbenzene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Methylene chloride	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Tetrachloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Toluene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Trichloroethene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Trichlorofluoromethane	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
Vinyl acetate	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Vinyl chloride	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Xylenes, Total	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	Sample Depth:	.5 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg	.007	<	U	.007	-99										
Chloroethane	mg/kg	.013	<	U	.013	-99										
Chloroform	mg/kg	.007	<	U	.007	-99										
Chloromethane	mg/kg	.013	<	U	.013	-99										
Dibromochloromethane	mg/kg	.007	<	U	.007	-99										
Dibromomethane	mg/kg	.007	<	U	.007	-99										
Dichlorodifluoromethane	mg/kg	.007	<	U	.007	-99										
Ethyl methacrylate	mg/kg	.007	<	U	.007	-99										
Ethylbenzene	mg/kg	.007	<	U	.007	-99										
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.013	<	U	.013	-99										
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.013	<	U	.013	-99										
Methylene chloride	mg/kg	.013	<	U	.013	-99										
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.007	<	U	.007	-99										
Tetrachloroethene	mg/kg	.007	<	U	.007	-99										
Toluene	mg/kg	.007	<	U	.007	-99										
Trichloroethene	mg/kg	.007	<	U	.007	-99										
Trichlorofluoromethane	mg/kg	.007	<	U	.007	-99										
Vinyl acetate	mg/kg	.013	<	U	.013	-99										
Vinyl chloride	mg/kg	.013	<	U	.013	-99										
Xylenes, Total	mg/kg	.007	<	U	.007	-99										
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.007	<	U	.007	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS21					17SS22					17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS22					17SS22					17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
	Sample Date:	20-AUG-98					20-AUG-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Chloroethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013					
Chloroform	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Chloromethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013					
Dibromochloromethane	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Dibromomethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013					
Dichlorodifluoromethane	mg/kg	.016	<	U	.016	.016	.019	<	U	.019	.019					
Ethyl methacrylate	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Ethylbenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Hexachlorobutadiene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
IODOMETHANE	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
ISOBUTYL ALCOHOL	mg/kg	1.1	<	U	1.1	1.1	1.3	<	U	1.3	1.3					
Isopropylbenzene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
METHYL METHACRYLATE	mg/kg	.053	<	U	.053	.053	.063	<	U	.063	.063					
Methacrylonitrile	mg/kg	.11	<	U	.11	.11	.13	<	U	.13	.13					
Methyl isobutyl ketone	mg/kg	.021	<	U	.021	.021	.025	<	U	.025	.025					
Methylene chloride	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Naphthalene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Pentachloroethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013					
Propionitrile	mg/kg	.11	<	U	.11	.11	.13	<	U	.13	.13					
Styrene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Tetrachloroethene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
Toluene	mg/kg	.0044			.0053	.0053	.0095			.0063	.0063					
Trichloroethene	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013					
Trichlorofluoromethane	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013					
Vinyl acetate	mg/kg	.021	<	U	.021	.021	.025	<	U	.025	.025					
Vinyl chloride	mg/kg	.011	<	U	.011	.011	.013	<	U	.013	.013					
Xylenes, Total	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
cis-1,2-Dichloroethene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
cis-1,3-Dichloropropene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS23					17SS24					17SS24				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS25					17SS25					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(0-0.5)					17SS25(2.5-3)					C-17SS26(0-0.5)-9807				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS26					17SS26					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
	Sample Date:	11-JUL-98					20-AUG-98					20-AUG-98				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Chloroethane	mg/kg						.011	<	U	.011	.011	.011	<	U	.011	.011
Chloroform	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Chloromethane	mg/kg						.011	<	U	.011	.011	.011	<	U	.011	.011
Dibromochloromethane	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Dibromomethane	mg/kg						.011	<	U	.011	.011	.011	<	U	.011	.011
Dichlorodifluoromethane	mg/kg						.016	<	U	.016	.016	.017	<	U	.017	.017
Ethyl methacrylate	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Ethylbenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Hexachlorobutadiene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
IODOMETHANE	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
ISOBUTYL ALCOHOL	mg/kg						1.1	<	U	1.1	1.1	1.1	<	U	1.1	1.1
Isopropylbenzene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
METHYL METHACRYLATE	mg/kg						.054	<	U	.054	.054	.057	<	U	.057	.057
Methacrylonitrile	mg/kg						.11	<	U	.11	.11	.11	<	U	.11	.11
Methyl isobutyl ketone	mg/kg						.022	<	U	.022	.022	.023	<	U	.023	.023
Methylene chloride	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Naphthalene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Pentachloroethane	mg/kg						.011	<	U	.011	.011	.011	<	U	.011	.011
Propionitrile	mg/kg						.11	<	U	.11	.11	.11	<	U	.11	.11
Styrene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Tetrachloroethene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
Toluene	mg/kg						.0036			.0054	.0054	.0042		J	.0057	.0057
Trichloroethene	mg/kg						.011	<	U	.011	.011	.011	<	U	.011	.011
Trichlorofluoromethane	mg/kg						.011	<	U	.011	.011	.011	<	U	.011	.011
Vinyl acetate	mg/kg						.022	<	U	.022	.022	.023	<	U	.023	.023
Vinyl chloride	mg/kg						.011	<	U	.011	.011	.011	<	U	.011	.011
Xylenes, Total	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
cis-1,2-Dichloroethene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
cis-1,3-Dichloropropene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS27					17SS27					17SS28				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS28					17SS29					17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS31					17SS31					17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)					17SS31(2.5-3)					17SS31(2.5-3)QC				
	Sample Date:	14-JUL-98					14-JUL-98					14-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17WW01					18SD03					18SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
	Sample Date:	16-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.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*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Chloroethane	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Chloroform	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Chloromethane	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Dibromochloromethane	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Dibromomethane	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Dichlorodifluoromethane	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Ethyl methacrylate	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Ethylbenzene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Methylene chloride	mg/kg	.008		J	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Tetrachloroethene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Toluene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Trichloroethene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Trichlorofluoromethane	mg/kg	.007		J	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Vinyl acetate	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
Vinyl chloride	mg/kg	.012	<	U	.012	-99	.014	<	U	.014	-99	.014	<	U	.014	-99
Xylenes, Total	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
cis-1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD05					18SD06					18SD06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Chloroethane	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
Chloroform	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Chloromethane	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
Dibromochloromethane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Dibromomethane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Dichlorodifluoromethane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Ethyl methacrylate	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Ethylbenzene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
Methylene chloride	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Tetrachloroethene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Toluene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Trichloroethene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Trichlorofluoromethane	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Vinyl acetate	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
Vinyl chloride	mg/kg	.013	<	U	.013	-99	.016	<	U	.016	-99	.015	<	U	.015	-99
Xylenes, Total	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
cis-1,2-Dichloroethene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD07					18SD07					18SD08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Chloroethane	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
Chloroform	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Chloromethane	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
Dibromochloromethane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Dibromomethane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Dichlorodifluoromethane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Ethyl methacrylate	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Ethylbenzene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
Methylene chloride	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Tetrachloroethene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Toluene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Trichloroethene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Trichlorofluoromethane	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Vinyl acetate	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
Vinyl chloride	mg/kg	.014	<	U	.014	-99						.015	<	U	.015	-99
Xylenes, Total	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
cis-1,2-Dichloroethene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SD09					18SD10					18SD11				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
Sample Date:		18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Chloroethane	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
Chloroform	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Chloromethane	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
Dibromochloromethane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Dibromomethane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Dichlorodifluoromethane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Ethyl methacrylate	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Ethylbenzene	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
Methylene chloride	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Tetrachloroethene	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Toluene	mg/kg	.009			.00766	-99	.02			.01134	-99	.007	<	U	.007	-99
Trichloroethene	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Trichlorofluoromethane	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
Vinyl acetate	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
Vinyl chloride	mg/kg	.015	<	U	.015	-99	.023	<	U	.023	-99	.014	<	U	.014	-99
Xylenes, Total	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SD29					18SS01					18SS02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)				
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Chloroethane	mg/kg	.013	<	U	.013	.013	.012	<	UJ	.012	-99					
Chloroform	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Chloromethane	mg/kg	.013	<	U	.013	.013	.012	<	UJ	.012	-99					
Dibromochloromethane	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Dibromomethane	mg/kg	.013	<	U	.013	.013	.006	<	UJ	.006	-99					
Dichlorodifluoromethane	mg/kg	.02	<	U	.02	.02	.006	<	UJ	.006	-99					
Ethyl methacrylate	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Ethylbenzene	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Hexachlorobutadiene	mg/kg	.0067	<	U	.0067	.0067										
IODOMETHANE	mg/kg	.0067	<	U	.0067	.0067	.012	<	UJ	.012	-99					
ISOBUTYL ALCOHOL	mg/kg	1.3	<	U	1.3	1.3										
Isopropylbenzene	mg/kg	.0067	<	U	.0067	.0067										
METHYL METHACRYLATE	mg/kg	.067	<	U	.067	.067										
Methacrylonitrile	mg/kg	.13	<	U	.13	.13										
Methyl isobutyl ketone	mg/kg	.027	<	U	.027	.027	.012	<	UJ	.012	-99					
Methylene chloride	mg/kg	.0067	<	U	.0067	.0067	.012	<	UJ	.012	-99					
Naphthalene	mg/kg	.0067	<	U	.0067	.0067										
Pentachloroethane	mg/kg	.013	<	U	.013	.013										
Propionitrile	mg/kg	.13	<	U	.13	.13										
Styrene	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Tetrachloroethene	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Toluene	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
Trichloroethene	mg/kg	.013	<	U	.013	.013	.006	<	UJ	.006	-99					
Trichlorofluoromethane	mg/kg	.013	<	U	.013	.013	.006	<	UJ	.006	-99					
Vinyl acetate	mg/kg	.027	<	U	.027	.027	.012	<	UJ	.012	-99					
Vinyl chloride	mg/kg	.013	<	U	.013	.013	.012	<	UJ	.012	-99					
Xylenes, Total	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					
cis-1,2-Dichloroethene	mg/kg	.0067	<	U	.0067	.0067										
cis-1,3-Dichloropropene	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS03					18SS05					18SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
	Sample Date:	17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Chloroethane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Chloroform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Chloromethane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-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					
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Methylene chloride	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
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					
Trichlorofluoromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Vinyl acetate	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Vinyl chloride	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Xylenes, Total	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Chloroethane	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
Chloroform	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Chloromethane	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
Dibromochloromethane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Dibromomethane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Dichlorodifluoromethane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Ethyl methacrylate	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Ethylbenzene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
Methylene chloride	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Tetrachloroethene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Toluene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Trichloroethene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Trichlorofluoromethane	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
Vinyl acetate	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
Vinyl chloride	mg/kg	.012	<	U	.012	-99						.012	<	UJ	.012	-99
Xylenes, Total	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS10					18SS11					18SS12								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)								
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
VOLATILES																				
Chlorobenzene	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
Chloroethane	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99				
Chloroform	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
Chloromethane	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-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				
Hexachlorobutadiene	mg/kg																			
IODOMETHANE	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99				
ISOBUTYL ALCOHOL	mg/kg																			
Isopropylbenzene	mg/kg																			
METHYL METHACRYLATE	mg/kg																			
Methacrylonitrile	mg/kg																			
Methyl isobutyl ketone	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99				
Methylene chloride	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99				
Naphthalene	mg/kg																			
Pentachloroethane	mg/kg																			
Propionitrile	mg/kg																			
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				
Trichlorofluoromethane	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
Vinyl acetate	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99				
Vinyl chloride	mg/kg						.012	<	U	.012	-99	.012	<	U	.012	-99				
Xylenes, Total	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
cis-1,2-Dichloroethene	mg/kg																			
cis-1,3-Dichloropropene	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS12					18SS13					18SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
	Sample Date:	05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99										
Chloroethane	mg/kg	.012	<	U	.012	-99										
Chloroform	mg/kg	.006	<	U	.006	-99										
Chloromethane	mg/kg	.012	<	U	.012	-99										
Dibromochloromethane	mg/kg	.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	.006	<	U	.006	-99										
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.012	<	U	.012	-99										
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.012	<	U	.012	-99										
Methylene chloride	mg/kg	.012	<	U	.012	-99										
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.006	<	U	.006	-99										
Tetrachloroethene	mg/kg	.006	<	U	.006	-99										
Toluene	mg/kg	.006	<	U	.006	-99										
Trichloroethene	mg/kg	.006	<	U	.006	-99										
Trichlorofluoromethane	mg/kg	.006	<	U	.006	-99										
Vinyl acetate	mg/kg	.012	<	U	.012	-99										
Vinyl chloride	mg/kg	.012	<	U	.012	-99										
Xylenes, Total	mg/kg	.006	<	U	.006	-99										
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS15					18SS16					18SS17								
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area								
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)								
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95								
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0								
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*				
VOLATILES																				
Chlorobenzene	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
Chloroethane	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-99				
Chloroform	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
Chloromethane	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-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				
Hexachlorobutadiene	mg/kg																			
IODOMETHANE	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-99				
ISOBUTYL ALCOHOL	mg/kg																			
Isopropylbenzene	mg/kg																			
METHYL METHACRYLATE	mg/kg																			
Methacrylonitrile	mg/kg																			
Methyl isobutyl ketone	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-99				
Methylene chloride	mg/kg						.013	<	U	.013	-99	.015			.01178	-99				
Naphthalene	mg/kg																			
Pentachloroethane	mg/kg																			
Propionitrile	mg/kg																			
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				
Trichlorofluoromethane	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
Vinyl acetate	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-99				
Vinyl chloride	mg/kg						.013	<	U	.013	-99	.012	<	U	.012	-99				
Xylenes, Total	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				
cis-1,2-Dichloroethene	mg/kg																			
cis-1,3-Dichloropropene	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99				

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS18					18SS19					18SS20				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)				
	Sample Date:	18-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg						.006	<	U	.006	-99					
Chloroethane	mg/kg						.011	<	U	.011	-99					
Chloroform	mg/kg						.006	<	U	.006	-99					
Chloromethane	mg/kg						.011	<	U	.011	-99					
Dibromochloromethane	mg/kg						.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						.006	<	U	.006	-99					
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg						.011	<	U	.011	-99					
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg						.011	<	U	.011	-99					
Methylene chloride	mg/kg						.011	<	U	.011	-99					
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg						.006	<	U	.006	-99					
Tetrachloroethene	mg/kg						.006	<	U	.006	-99					
Toluene	mg/kg						.006	<	U	.006	-99					
Trichloroethene	mg/kg						.006	<	U	.006	-99					
Trichlorofluoromethane	mg/kg						.006	<	U	.006	-99					
Vinyl acetate	mg/kg						.011	<	U	.011	-99					
Vinyl chloride	mg/kg						.011	<	U	.011	-99					
Xylenes, Total	mg/kg						.006	<	U	.006	-99					
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg						.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS21					18SS21					18SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)				
	Sample Date:	18-MAR-95					18-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Chloroethane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Chloroform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Chloromethane	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-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					
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Methylene chloride	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
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					
Trichlorofluoromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
Vinyl acetate	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Vinyl chloride	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99					
Xylenes, Total	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		18SS23					18SS24					18SS25				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
Sample Date:		05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Chloroethane	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Chloroform	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Chloromethane	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Dibromochloromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Dibromomethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Dichlorodifluoromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Ethyl methacrylate	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Ethylbenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Methylene chloride	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Tetrachloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Toluene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Trichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Trichlorofluoromethane	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Vinyl acetate	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Vinyl chloride	mg/kg	.013	<	U	.013	-99	.012	<	U	.012	-99	.012	<	U	.012	-99
Xylenes, Total	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-07					COE17-08					COE17-09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-07-01					COE17-08-01					COE17-09-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-10					COE17-11					COE17-12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-10-01					COE17-11-01					COE17-12-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-13					COE17-14					COE17-15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-13-01					COE17-14-01					COE17-15-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-16					FWS-088					FWS-101				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-16-01					CLNWR088					CLNWR101				
	Sample Date:	01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-108					FWS-119					FWS-123				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR108					CLNWR119					CLNWR123				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-124					LH-S114-01					LH-S114-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1				
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
Chlorobenzene	mg/kg						.005	<	U	.005	.005	.005	<	U	.005	.005
Chloroethane	mg/kg						.01	<	U	.01	.01	.01	<	U	.01	.01
Chloroform	mg/kg						.005	<	U	.005	.005	.005	<	U	.005	.005
Chloromethane	mg/kg						.01	<	U	.01	.01	.01	<	U	.01	.01
Dibromochloromethane	mg/kg						.005	<	U	.005	.005	.005	<	U	.005	.005
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg						.005	<	U	.005	.005	.005	<	U	.005	.005
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg						.05	<	U	.05	.05	.05	<	U	.05	.05
Methylene chloride	mg/kg						.005	<	U	.005	.005	.005	<	U	.005	.005
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg						.005	<	U	.005	.005	.005	<	U	.005	.005
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															
Vinyl acetate	mg/kg						.05	<	U	.05	.05	.05	<	U	.05	.05
Vinyl chloride	mg/kg						.01	<	U	.01	.01	.01	<	U	.01	.01
Xylenes, Total	mg/kg						.005	<	U	.005	.005	.005	<	U	.005	.005
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg						.005	<	U	.005	.005	.005	<	U	.005	.005

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group																				
Location Code:		LH-S115-01					LH-S115-02					LH-S115-02				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
Sample Date:		04-AUG-93					04-AUG-93					04-AUG-93				
Sample Depth:		.5 - 1					.6 - 2.6					.6 - 2.6				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
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	.01	<	U	.01	.01
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	.01	<	U	.01	.01
Dibromochloromethane	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Dibromomethane	mg/kg															
Dichlorodifluoromethane	mg/kg															
Ethyl methacrylate	mg/kg															
Ethylbenzene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
Methylene chloride	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
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															
Vinyl acetate	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05	.05	<	U	.05	.05
Vinyl chloride	mg/kg	.01	<	U	.01	.01	.01	<	U	.01	.01	.01	<	U	.01	.01
Xylenes, Total	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS01					STEP-17SS01					STEP-17SS01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(0-0.5)-020306					17SS01(00.5)0203FD					17SS01(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS03					STEP-17SS04					STEP-17SS04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS03(1-2)-020306					17SS04(0-0.5)-020306					17SS04(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS07					STEP-17SS08					STEP-17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS07(1-2)-020306					17SS08(0-0.5)-020306					17SS08(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS10					STEP-17SS11					STEP-17SS11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS10(1-2)-020306					17SS11(0-0.5)-020306					17SS11(00.5)0203FD				
	Sample Date:	06-MAR-02					06-MAR-02					06-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
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS11					STEP-17SS12					STEP-17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS11(1-2)-020306					17SS12(0-0.5)-020306					17SS12(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS13					STEP-17SS13					STEP-17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(0-0.5)-020307					17SS13(1-2)-020307					17SS14(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS14					STEP-17SS15					STEP-17SS15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(1-2)-020307					17SS15(0-0.5)-020307					17SS15(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

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:	Waste Sub-Area					Associated Site:	Waste Sub-Area					Associated Site:	Waste Sub-Area				
		Sample No:	17SS20(0-0.5)-020307					Sample No:	17SS20(1-2)-020307					Sample No:	17SS21(0-0.5)-020307				
		Sample Date:	07-MAR-02					Sample Date:	07-MAR-02					Sample Date:	07-MAR-02				
		Sample Depth:	.0 - 0.5					Sample Depth:	1.0 - 2					Sample Depth:	.0 - 0.5				
VOLATILES																			
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																		
Hexachlorobutadiene	mg/kg																		
IODOMETHANE	mg/kg																		
ISOBUTYL ALCOHOL	mg/kg																		
Isopropylbenzene	mg/kg																		
METHYL METHACRYLATE	mg/kg																		
Methacrylonitrile	mg/kg																		
Methyl isobutyl ketone	mg/kg																		
Methylene chloride	mg/kg																		
Naphthalene	mg/kg																		
Pentachloroethane	mg/kg																		
Propionitrile	mg/kg																		
Styrene	mg/kg																		
Tetrachloroethene	mg/kg																		
Toluene	mg/kg																		
Trichloroethene	mg/kg																		
Trichlorofluoromethane	mg/kg																		
Vinyl acetate	mg/kg																		
Vinyl chloride	mg/kg																		
Xylenes, Total	mg/kg																		
cis-1,2-Dichloroethene	mg/kg																		
cis-1,3-Dichloropropene	mg/kg																		

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS21					STEP-17SS21					STEP-17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS22					STEP-17SS23					STEP-17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(1-2)-020307					17SS23(0-0.5)-020307					17SS23(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS25					STEP-17SS26					STEP-17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1
Summary of Validated Soil Analytical Data
Waste Sub-Area - Part A
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:				
		STEP-17SS26					Waste Sub-Area					17SS26(1-2)-020307					07-MAR-02					1.0 - 2				
		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
VOLATILES																										
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																									
Hexachlorobutadiene	mg/kg																									
IODOMETHANE	mg/kg																									
ISOBUTYL ALCOHOL	mg/kg																									
Isopropylbenzene	mg/kg																									
METHYL METHACRYLATE	mg/kg																									
Methacrylonitrile	mg/kg																									
Methyl isobutyl ketone	mg/kg																									
Methylene chloride	mg/kg																									
Naphthalene	mg/kg																									
Pentachloroethane	mg/kg																									
Propionitrile	mg/kg																									
Styrene	mg/kg																									
Tetrachloroethene	mg/kg																									
Toluene	mg/kg																									
Trichloroethene	mg/kg																									
Trichlorofluoromethane	mg/kg																									
Vinyl acetate	mg/kg																									
Vinyl chloride	mg/kg																									
Xylenes, Total	mg/kg																									
cis-1,2-Dichloroethene	mg/kg																									
cis-1,3-Dichloropropene	mg/kg																									

User Test Group / Parameter	Units	Location Code:					Associated Site:					Sample No:					Sample Date:					Sample Depth:				
		STEP-17SS27					Waste Sub-Area					17SS27(0-0.5)-020307					07-MAR-02					.0 - 0.5				
		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
VOLATILES																										
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																									
Hexachlorobutadiene	mg/kg																									
IODOMETHANE	mg/kg																									
ISOBUTYL ALCOHOL	mg/kg																									
Isopropylbenzene	mg/kg																									
METHYL METHACRYLATE	mg/kg																									
Methacrylonitrile	mg/kg																									
Methyl isobutyl ketone	mg/kg																									
Methylene chloride	mg/kg																									
Naphthalene	mg/kg																									
Pentachloroethane	mg/kg																									
Propionitrile	mg/kg																									
Styrene	mg/kg																									
Tetrachloroethene	mg/kg																									
Toluene	mg/kg																									
Trichloroethene	mg/kg																									
Trichlorofluoromethane	mg/kg																									
Vinyl acetate	mg/kg																									
Vinyl chloride	mg/kg																									
Xylenes, Total	mg/kg																									
cis-1,2-Dichloroethene	mg/kg																									
cis-1,3-Dichloropropene	mg/kg																									

User Test Group / Parameter	Units	Location Code:					Associated Site:					Sample No:					Sample Date:					Sample Depth:				
		STEP-17SS27					Waste Sub-Area					17SS27(1-2)-020307					07-MAR-02					1.0 - 2				
		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
VOLATILES																										
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																									
Hexachlorobutadiene	mg/kg																									
IODOMETHANE	mg/kg																									
ISOBUTYL ALCOHOL	mg/kg																									
Isopropylbenzene	mg/kg																									
METHYL METHACRYLATE	mg/kg																									
Methacrylonitrile	mg/kg																									
Methyl isobutyl ketone	mg/kg																									
Methylene chloride	mg/kg																									
Naphthalene	mg/kg																									
Pentachloroethane	mg/kg																									
Propionitrile	mg/kg																									
Styrene	mg/kg																									
Tetrachloroethene	mg/kg																									
Toluene	mg/kg																									
Trichloroethene	mg/kg																									
Trichlorofluoromethane	mg/kg																									
Vinyl acetate	mg/kg																									
Vinyl chloride	mg/kg																									
Xylenes, Total	mg/kg																									
cis-1,2-Dichloroethene	mg/kg																									
cis-1,3-Dichloropropene	mg/kg																									

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

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

Report Date: 11/15/04

	Location Code:	STEP-17SS33					STEP-17SS34					STEP-17SS34				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS33(1-2)-020307					17SS34(0-0.5)-020308					17SS34(1-2)-020308				
	Sample Date:	07-MAR-02					08-MAR-02					08-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
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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*
VOLATILES																
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															
Hexachlorobutadiene	mg/kg															
IODOMETHANE	mg/kg															
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg															
Methacrylonitrile	mg/kg															
Methyl isobutyl ketone	mg/kg															
Methylene chloride	mg/kg															
Naphthalene	mg/kg															
Pentachloroethane	mg/kg															
Propionitrile	mg/kg															
Styrene	mg/kg															
Tetrachloroethene	mg/kg															
Toluene	mg/kg															
Trichloroethene	mg/kg															
Trichlorofluoromethane	mg/kg															
Vinyl acetate	mg/kg															
Vinyl chloride	mg/kg															
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg															
cis-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS37					
	Associated Site:	Waste Sub-Area					
	Sample No:	17SS37(1-2)-020308					
	Sample Date:	08-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
VOLATILES							
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						
Hexachlorobutadiene	mg/kg						
IODOMETHANE	mg/kg						
ISOBUTYL ALCOHOL	mg/kg						
Isopropylbenzene	mg/kg						
METHYL METHACRYLATE	mg/kg						
Methacrylonitrile	mg/kg						
Methyl isobutyl ketone	mg/kg						
Methylene chloride	mg/kg						
Naphthalene	mg/kg						
Pentachloroethane	mg/kg						
Propionitrile	mg/kg						
Styrene	mg/kg						
Tetrachloroethene	mg/kg						
Toluene	mg/kg						
Trichloroethene	mg/kg						
Trichlorofluoromethane	mg/kg						
Vinyl acetate	mg/kg						
Vinyl chloride	mg/kg						
Xylenes, Total	mg/kg						
cis-1,2-Dichloroethene	mg/kg						
cis-1,3-Dichloropropene	mg/kg						

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB01					12SB06					12SB06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB01(1.0-2.0)					12SB06(0-0.5)					12SB06(1-2)				
	Sample Date:	01-JUN-93					31-MAY-00					31-MAY-00				
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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.0057	<	U	.0057	-99										
trans-1,3-Dichloropropene	mg/kg	.0057	<	U	.0057	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12SB08					12SB09					12WW01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12SB08(0-0.5)					12SB09(0-0.5)					12WW01(0-2)				
	Sample Date:	31-MAY-00					31-MAY-00					27-APR-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg											.0062	<	U	.0062	-99
trans-1,3-Dichloropropene	mg/kg											.0062	<	U	.0062	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12WW02					12WW02					12WW02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW02(0-2)					C900204-12WW02-N02					C930428-12WW02-N02				
	Sample Date:	04-FEB-88					04-FEB-90					28-APR-93				
User Test Group	*Sample Depth:*	.0 - 2					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg											.006	<	U	.006	-99
trans-1,3-Dichloropropene	mg/kg											.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	12WW05					12WW07					16SB11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	12WW05(0-1.5)					12WW07(0-2)					16SB11(0-0.5)				
	Sample Date:	19-APR-93					19-APR-93					01-JUN-00				
User Test Group	*Sample Depth:*	.0 - 1.5					.0 - 2					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					
trans-1,3-Dichloropropene	mg/kg	.0067	<	U	.0067	-99	.0059	<	U	.0059	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16SB11					16SD02					16SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SB11(1-2)					16SD02(0-1)					16SD02(000.0)				
	Sample Date:	01-JUN-00					14-APR-93					28-FEB-95				
User Test Group	*Sample Depth:*	1.0 - 2					.0 - 1					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg						.0063	<	U	.0063	-99					
trans-1,3-Dichloropropene	mg/kg						.0063	<	U	.0063	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	16SD11					16WW27					16WW27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16SD11(000.0)					16WW27(0-0.5)					16WW27(0-0.5)QC				
	Sample Date:	28-FEB-95					17-MAY-97					17-MAY-97				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg						.006	<	U	.006	-99					
n-Nitroso-di-n-propylamine	mg/kg						.006	<	U	.006	-99					
n-PROPYLBENZENE	mg/kg						.006	<	U	.006	-99					
p-ISOPROPYLTOLUENE	mg/kg						.006	<	U	.006	-99					
sec-BUTYLBENZENE	mg/kg						.006	<	U	.006	-99					
tert-BUTYLBENZENE	mg/kg						.006	<	U	.006	-99					
trans-1,2-Dichloroethene	mg/kg						.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

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	16WW27					16WW31					16WW31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW27(1-3)					16WW31(0-0.5)					16WW31(1-3)				
	Sample Date:	17-MAY-97					29-MAY-97					29-MAY-97				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
n-Nitroso-di-n-propylamine	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
n-PROPYLBENZENE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
p-ISOPROPYLTOLUENE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
sec-BUTYLBENZENE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
tert-BUTYLBENZENE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
trans-1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		16WW35					16WW35					16WW35				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		16WW35(0-0.5)					16WW35(0-0.5)QC					16WW35(1-3)				
Sample Date:		25-JUN-97					25-JUN-97					25-JUN-97				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
n-Nitroso-di-n-propylamine	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
n-PROPYLBENZENE	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
p-ISOPROPYLTOLUENE	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
sec-BUTYLBENZENE	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
tert-BUTYLBENZENE	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
trans-1,2-Dichloroethene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	-99	.005	<	U	.005	-99	.006	<	U	.006	-99

	Location Code:	16WW37					16WW37					17SB01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	16WW37(0-0.5)					16WW37(1-3)					17SB01(0-2)				
	Sample Date:	31-MAY-97					31-MAY-97					15-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
n-Nitroso-di-n-propylamine	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
n-PROPYLBENZENE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
p-ISOPROPYLTOLUENE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
sec-BUTYLBENZENE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
tert-BUTYLBENZENE	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					
trans-1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.0063	<	U	.0063	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB01					17SB02					17SB03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB01(02)					17SB02(0-2)					17SB03(0-2)				
	Sample Date:	15-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.0057	<	U	.0057	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SB03					17SB04					17SB05				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB03-QC					17SB04(0-2)					17SB05(0-2)				
	Sample Date:	16-MAY-93					15-MAY-93					16-MAY-93				
User Test Group	*Sample Depth:*	2.5 - 2.5					.0 - 2					.0 - 2				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99
trans-1,3-Dichloropropene	mg/kg						.0063	<	U	.0063	-99	.0063	<	U	.0063	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB06					17SB07					17SB09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB06(0-2)					17SB07(0-2)					17SB09(0-0.5)				
	Sample Date:	15-MAY-93					16-MAY-93					30-MAY-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																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					
trans-1,3-Dichloropropene	mg/kg	.0054	<	U	.0054	-99	.0061	<	U	.0061	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SB09					17SB10					17SB10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SB09(1-2)					17SB10(0-0.5)					17SB10(1-2)				
	Sample Date:	30-MAY-00					30-MAY-00					30-MAY-00				
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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD01					17SD01					17SD02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD01					17SD01(000.0)					17SD02				
	Sample Date:	21-APR-93					02-MAR-95					21-APR-93				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.0075	<	U	.0075	-99						.0067	<	U	.0067	-99
trans-1,3-Dichloropropene	mg/kg	.0075	<	U	.0075	-99	.007	<	U	.007	-99	.0067	<	U	.0067	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD02					17SD02					17SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD02(000.0)					17SD02(000.0)QC					17SD04(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.01	<	U	.01	-99	.009	<	U	.009	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SD05					17SD06					17SD07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SD05(000.0)					17SD06(000.0)					17SD07(000.0)				
	Sample Date:	02-MAR-95					02-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SD08					17SD09					17SD10				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SD08(000.0)					17SD09(000.0)					17SD10				
Sample Date:		05-MAR-95					05-MAR-95					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg											.0072	<	U	.0072	.0072
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg											.0072	<	U	.0072	.0072
p-ISOPROPYLTOLUENE	mg/kg											.0072	<	U	.0072	.0072
sec-BUTYLBENZENE	mg/kg											.0072	<	U	.0072	.0072
tert-BUTYLBENZENE	mg/kg											.0072	<	U	.0072	.0072
trans-1,2-Dichloroethene	mg/kg											.0072	<	U	.0072	.0072
trans-1,3-Dichloropropene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.0072	<	U	.0072	.0072

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SD10					17SD11					17SD12				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SD10QC					17SD11					17SD12				
Sample Date:		17-SEP-98					17-SEP-98					17-SEP-98				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
p-ISOPROPYLTOLUENE	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0044		J	.0071	.0071
sec-BUTYLBENZENE	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
tert-BUTYLBENZENE	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
trans-1,2-Dichloroethene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071
trans-1,3-Dichloropropene	mg/kg	.007	<	U	.007	.007	.0078	<	U	.0078	.0078	.0071	<	U	.0071	.0071

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS01					17SS02					17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(000.0)					17SS02(000.0)					17SS03(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.007	<	U	.007	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS04					17SS05					17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS04(000.0)					17SS05(000.0)					17SS08(000.0)				
	Sample Date:	03-MAR-95					03-MAR-95					03-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.007	<	U	.007	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS09					17SS10					17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(000.0)					17SS10(000.0)					17SS12(000.0)				
	Sample Date:	05-MAR-95					15-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	UJ	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS13					17SS13					17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(000.0)					17SS13(000.0)QC					17SS14(000.0)				
	Sample Date:	04-MAR-95					04-MAR-95					01-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS14					17SS15					17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(000.0)QC					17SS15(000.0)					17SS16(000.0)				
	Sample Date:	01-MAR-95					05-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.007	<	U	.007	-99	.007	<	U	.007	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS17					17SS18					17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(000.0)					17SS18(000.0)					17SS19(000.0)				
	Sample Date:	01-MAR-95					02-MAR-95					02-MAR-95				
User Test Group	*Sample Depth:*	.5 - 0.5					.5 - 0.5					.5 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.008	<	U	.008	-99	.007	<	U	.007	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS20					17SS21					17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(000.0)					17SS21(0-0.5)					17SS21(0-0.5)QC				
	Sample Date:	02-MAR-95					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.5 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.007	<	U	.007	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS21					17SS22					17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(2.5-3)					17SS22(0-0.5)					17SS22(1-3)-980711				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Location Code:		17SS22					17SS22					17SS23				
Associated Site:		Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
Sample No:		17SS22(0-0.5)A					17SS22(1-3)-980820					17SS23(0-0.5)				
Sample Date:		20-AUG-98					20-AUG-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					1.0 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
p-ISOPROPYLTOLUENE	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
sec-BUTYLBENZENE	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
tert-BUTYLBENZENE	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
trans-1,2-Dichloroethene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					
trans-1,3-Dichloropropene	mg/kg	.0053	<	U	.0053	.0053	.0063	<	U	.0063	.0063					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS23					17SS24					17SS24				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS23(2.5-3)					17SS24(0-0.5)					17SS24(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS25					17SS25					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(0-0.5)					17SS25(2.5-3)					C-17SS26(0-0.5)-9807				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	17SS26					17SS26					17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	C-17SS26(1-3)-980711					C-17SS26(0-0.5)-9808					C-17SS26(1-3)-980820				
	Sample Date:	11-JUL-98					20-AUG-98					20-AUG-98				
User Test Group	*Sample Depth:*	1.0 - 3					.0 - 0.5					1.0 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
p-ISOPROPYLTOLUENE	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
sec-BUTYLBENZENE	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
tert-BUTYLBENZENE	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
trans-1,2-Dichloroethene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057
trans-1,3-Dichloropropene	mg/kg						.0054	<	U	.0054	.0054	.0057	<	U	.0057	.0057

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS27					17SS27					17SS28				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS27(0-0.5)					17SS27(2.5-3)					17SS28(0-0.5)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS28					17SS29					17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(2.5-3)					17SS29(0-0.5)					17SS29(2.5-3)				
	Sample Date:	11-JUL-98					11-JUL-98					11-JUL-98				
User Test Group	*Sample Depth:*	2.5 - 3					.0 - 0.5					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17SS31					17SS31					17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)					17SS31(2.5-3)					17SS31(2.5-3)QC				
	Sample Date:	14-JUL-98					14-JUL-98					14-JUL-98				
User Test Group	*Sample Depth:*	.0 - 0.5					2.5 - 3					2.5 - 3				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	17WW01					18SD03					18SD04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17WW01(0-2)					18SD03(0-0.5)					18SD04(0-0.5)				
	Sample Date:	16-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	Sample Depth:	.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
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.0068	<	U	.0068	-99	.0069	<	U	.0069	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD05					18SD06					18SD06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD05(0-0.5)					18SD06(0-0.5)					18SD06(0-0.5)QC				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99
trans-1,3-Dichloropropene	mg/kg	.0064	<	U	.0064	-99	.0079	<	U	.0079	-99	.0077	<	U	.0077	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD07					18SD07					18SD08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD07(0-0.5)					18SD07(0-0.5)QC					18SD08(0-0.5)				
	Sample Date:	02-MAY-93					02-MAY-93					02-MAY-93				
User Test Group	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99
trans-1,3-Dichloropropene	mg/kg	.0068	<	U	.0068	-99						.0075	<	U	.0075	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD09					18SD10					18SD11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD09(000.0)					18SD10(000.0)					18SD11(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.008	<	U	.008	-99	.011	<	U	.011	-99	.007	<	U	.007	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SD29					18SS01					18SS02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SD29					18SS01(000.0)					18SS02(000.0)				
	Sample Date:	07-OCT-98					19-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg	.0067	<	U	.0067	.0067										
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg	.0067	<	U	.0067	.0067										
p-ISOPROPYLTOLUENE	mg/kg	.0067	<	U	.0067	.0067										
sec-BUTYLBENZENE	mg/kg	.0067	<	U	.0067	.0067										
tert-BUTYLBENZENE	mg/kg	.0067	<	U	.0067	.0067										
trans-1,2-Dichloroethene	mg/kg	.0067	<	U	.0067	.0067										
trans-1,3-Dichloropropene	mg/kg	.0067	<	U	.0067	.0067	.006	<	UJ	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS03					18SS05					18SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS03 (000.0)					18SS05 (000.0)					18SS06(000.0)				
	Sample Date:	17-MAR-95					20-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS07					18SS08					18SS09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS07(000.0)					18SS08(000.0)					18SS09(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99						.006	<	UJ	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS10					18SS11					18SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS10(000.0)					18SS11 (000.0)					18SS12(000.0)				
	Sample Date:	19-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS12					18SS13					18SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS12(000.0)QC					18SS13(000.0)					18SS14(000.0)				
	Sample Date:	05-MAR-95					17-MAR-95					17-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99										

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS15					18SS16					18SS17				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS15(000.0)					18SS16 (000.0)					18SS17(000.0)				
	Sample Date:	17-MAR-95					19-MAR-95					05-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg						.006	<	U	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS18					18SS19					18SS20				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS18(000.0)					18SS19 (000.0)					18SS20(000.0)				
	Sample Date:	18-MAR-95					19-MAR-95					19-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg						.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	18SS21					18SS21					18SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS21 (000.0)					18SS21 (000.0)QC					18SS22(000.0)				
	Sample Date:	18-MAR-95					18-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99					

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	18SS23					18SS24					18SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	18SS23(000.0)					18SS24(000.0)					18SS25 (000.0)				
	Sample Date:	05-MAR-95					05-MAR-95					18-MAR-95				
User Test Group	*Sample Depth:*	.0 - 0					.0 - 0					.0 - 0				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-02					COE17-03					COE17-03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-02-01					COE17-03-01					COE17-03-01QC				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-04					COE17-05					COE17-06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-04-01					COE17-05-01					COE17-06-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-07					COE17-08					COE17-09				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-07-01					COE17-08-01					COE17-09-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-10					COE17-11					COE17-12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-10-01					COE17-11-01					COE17-12-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-13					COE17-14					COE17-15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-13-01					COE17-14-01					COE17-15-01				
	Sample Date:	01-SEP-98					01-SEP-98					01-SEP-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																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	COE17-16					FWS-088					FWS-101				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	COE17-16-01					CLNWR088					CLNWR101				
	Sample Date:	01-SEP-98					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	FWS-108					FWS-119					FWS-123				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR108					CLNWR119					CLNWR123				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
User Test Group	*Sample Depth:*	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	FWS-124					LH-S114-01					LH-S114-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	CLNWR124					LH-S114-01_1					LH-S114-02_1				
	Sample Date:	09-SEP-03					13-JUL-93					13-JUL-93				
User Test Group	*Sample Depth:*	.0 - 0.5					.5 - 1.5					.5 - 1.5				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg						.005	<	U	.005	.005	.005	<	U	.005	.005

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	LH-S115-01					LH-S115-02					LH-S115-02				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	LH-S115-01_1					LH-S115-02 QC					LH-S115-02_1				
	Sample Date:	04-AUG-93					04-AUG-93					04-AUG-93				
User Test Group	*Sample Depth:*	.5 - 1					.6 - 2.6					.6 - 2.6				
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	*Result*	*Qual*	*VQ*	*RL*	*MDL*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg	.005	<	U	.005	.005	.005	<	U	.005	.005	.005	<	U	.005	.005

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS01					STEP-17SS01					STEP-17SS01				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS01(0-0.5)-020306					17SS01(00.5)0203FD					17SS01(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS02					STEP-17SS02					STEP-17SS03				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS02(0-0.5)-020306					17SS02(1-2)-020306					17SS03(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS03					STEP-17SS04					STEP-17SS04				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS03(1-2)-020306					17SS04(0-0.5)-020306					17SS04(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS05					STEP-17SS05					STEP-17SS06				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS05(0-0.5)-020306					17SS05(1-2)-020306					17SS06(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS06					STEP-17SS06					STEP-17SS07				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS06(00.5)0203FD					17SS06(1-2)-020306					17SS07(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS07					STEP-17SS08					STEP-17SS08				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS07(1-2)-020306					17SS08(0-0.5)-020306					17SS08(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS09					STEP-17SS09					STEP-17SS10				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS09(0-0.5)-020306					17SS09(1-2)-020306					17SS10(0-0.5)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS10					STEP-17SS11					STEP-17SS11				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS10(1-2)-020306					17SS11(0-0.5)-020306					17SS11(00.5)0203FD				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS11					STEP-17SS12					STEP-17SS12				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS11(1-2)-020306					17SS12(0-0.5)-020306					17SS12(1-2)-020306				
	Sample Date:	06-MAR-02					06-MAR-02					06-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS13					STEP-17SS13					STEP-17SS14				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS13(0-0.5)-020307					17SS13(1-2)-020307					17SS14(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS14					STEP-17SS15					STEP-17SS15				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS14(1-2)-020307					17SS15(0-0.5)-020307					17SS15(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS16					STEP-17SS16					STEP-17SS16				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS16(0-0.5)-020307					17SS16(00.5)0203FD					17SS16(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS17					STEP-17SS17					STEP-17SS18				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS17(0-0.5)-020307					17SS17(1-2)-020307					17SS18(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS18					STEP-17SS19					STEP-17SS19				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS18(1-2)-020307					17SS19(0-0.5)-020307					17SS19(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS20					STEP-17SS20					STEP-17SS21				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS20(0-0.5)-020307					17SS20(1-2)-020307					17SS21(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS21					STEP-17SS21					STEP-17SS22				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS21(00.5)0203FD					17SS21(1-2)-020307					17SS22(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS22					STEP-17SS23					STEP-17SS23				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS22(1-2)-020307					17SS23(0-0.5)-020307					17SS23(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS24					STEP-17SS24					STEP-17SS25				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS24(0-0.5)-020307					17SS24(1-2)-020307					17SS25(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS25					STEP-17SS26					STEP-17SS26				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS25(1-2)-020307					17SS26(0-0.5)-020307					17SS26(00.5)0203FD				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS26					STEP-17SS27					STEP-17SS27				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS26(1-2)-020307					17SS27(0-0.5)-020307					17SS27(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS28					STEP-17SS28					STEP-17SS29				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS28(0-0.5)-020307					17SS28(1-2)-020307					17SS29(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS29					STEP-17SS30					STEP-17SS30				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS29(1-2)-020307					17SS30(0-0.5)-020307					17SS30(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS31					STEP-17SS31					STEP-17SS31				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS31(0-0.5)-020307					17SS31(00.5)0203FD					17SS31(1-2)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS32					STEP-17SS32					STEP-17SS33				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS32(0-0.5)-020307					17SS32(1-2)-020307					17SS33(0-0.5)-020307				
	Sample Date:	07-MAR-02					07-MAR-02					07-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS33					STEP-17SS34					STEP-17SS34				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS33(1-2)-020307					17SS34(0-0.5)-020308					17SS34(1-2)-020308				
	Sample Date:	07-MAR-02					08-MAR-02					08-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS35					STEP-17SS35					STEP-17SS36				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS35(0-0.5)-020308					17SS35(1-2)-020308					17SS36(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

	Location Code:	STEP-17SS36					STEP-17SS36					STEP-17SS37				
	Associated Site:	Waste Sub-Area					Waste Sub-Area					Waste Sub-Area				
	Sample No:	17SS36(00.5)0203FD					17SS36(1-2)-020308					17SS37(0-0.5)-020308				
	Sample Date:	08-MAR-02					08-MAR-02					08-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*
VOLATILES																
n-BUTYLBENZENE	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg															
trans-1,3-Dichloropropene	mg/kg															

Exhibit 1

Summary of Validated Soil Analytical Data

Waste Sub-Area - Part A

Longhorn Army Ammunition Plant, Karnack, Texas

	Location Code:	STEP-17SS37					
	Associated Site:	Waste Sub-Area					
	Sample No:	17SS37(1-2)-020308					
	Sample Date:	08-MAR-02					
User Test Group	*Sample Depth:*	1.0 - 2					
Parameter	*Units*	*Result*	*Qual*	*VQ*	*RL*	*MDL*	
VOLATILES							
n-BUTYLBENZENE	mg/kg						
n-Nitroso-di-n-propylamine	mg/kg						
n-PROPYLBENZENE	mg/kg						
p-ISOPROPYLTOLUENE	mg/kg						
sec-BUTYLBENZENE	mg/kg						
tert-BUTYLBENZENE	mg/kg						
trans-1,2-Dichloroethene	mg/kg						
trans-1,3-Dichloropropene	mg/kg						