

LONGHORN ARMY AMMUNITION PLANT KARNACK, TEXAS

ADMINISTRATIVE RECORD

CHRONOLOGICAL INDEX

Volume 12 of 25

2007

Bate Stamp Numbers

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Prepared for

**Department of the Army
Longhorn Army Ammunition Plant**

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

VOLUME 12 of 25

2007

- A. Title: Report (continued) – Final Installation-Wide Baseline Ecological Risk Assessment
Volume I: Step 3 Report – Exhibit 1 – Data Report
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Recipient: All Stakeholders
Date: November 15, 2007
Bate Stamp: 00051342 - 00052261

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

Report Date: 11/15/04

User Test Group	Location Code:	11SD14					11SD14					11SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	LH11-SD14					C940823-11SD14-N00					C940823-11SD14-QC00				
	Sample Date:	31-MAR-93					23-AUG-94					23-AUG-94				
	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	.979	<	U	.979		.956	<	U	.956	
1,3-Dinitrobenzene	mg/kg	.25	<	U	.25	-99	.699	<	U	.699						
2,4,6-Trinitrotoluene	mg/kg	.25	<	U	.25	-99	.699	<	U	.699		.683	<	U	.683	

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD01					12SD02					12SD03				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD01					12SD02					12SD03(0-0.5)				
	Sample Date:	22-APR-93					22-APR-93					03-MAY-93				
	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	.34	<	U	.34	-99	.33	<	U	.33	-99	.53	<	U	.53	-99
1,3-Dinitrobenzene	mg/kg	.34	<	U	.34	-99	.33	<	U	.33	-99	.53	<	U	.53	-99
2,4,6-Trinitrotoluene	mg/kg	.34	<	U	.34	-99	.33	<	U	.33	-99	.53	<	UJ	.53	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD04					12SD05					12SD06				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD04(000.0)					12SD05(000.0)					12SD06(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
	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 Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	12SD07					12SD08					12SD08				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD07(000.0)					12SD08(000.0)					12SD08(000.0)QC				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
	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 Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	12SD09					12SD10					12SD11				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD09(000.0)					12SD10 (000.0)					12SD11 (000.0)				
	Sample Date:	18-FEB-95					15-MAR-95					15-MAR-95				
	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 Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	12SD12					12SD13					12SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD12 (000.0)					12SD13(000.0)					12SD14(000.0)				
	Sample Date:	15-MAR-95					01-MAR-95					02-MAR-95				
	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 Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	12SD15					12SD15					12SD16				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD15					12SD15QC					12SD16				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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	0.25	<	U	0.25	-99	0.453	<	U	0.453	-99					
1,2,3,4,6,7,8-HpCDD	ng/kg	0.321	<	U	0.321	-99	0.656	<	U	0.656	-99					
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.333	<	U	0.333	-99	0.605	<	U	0.605	-99					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.52	<	U	0.52	-99	0.67	<	U	0.67	-99					
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	0.443	<	U	0.443	-99	0.365	<	U	0.365	-99					
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.291	<	U	0.291	-99	0.374	<	U	0.374	-99					
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.295	<	U	0.295	-99	0.243	<	U	0.243	-99					
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	0.345	<	U	0.345	-99	0.444	<	U	0.444	-99					
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.482	<	U	0.482	-99	0.397	<	U	0.397	-99					
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.353	<	U	0.353	-99	0.553	<	U	0.553	-99					
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.291	<	U	0.291	-99	0.513	<	U	0.513	-99					
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.433	<	U	0.433	-99	0.356	<	U	0.356	-99					
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.303	<	U	0.303	-99	0.536	<	U	0.536	-99					
2,3,7,8-TCDD	ng/kg	0.34	<	U	0.34	-99	0.571	<	U	0.571	-99					
2,3,7,8-TCDF	ng/kg	0.331	<	U	0.331	-99	0.442	<	U	0.442	-99					
Heptachlorodibenzo-p-dioxin	ng/kg	0.528			0.321	-99	0.656	<	U	0.656	-99					
Heptachlorodibenzofuran	ng/kg	0.25	<	U	0.25	-99	0.453	<	U	0.453	-99					
Hexachloridibenzo-p-dioxin	ng/kg	0.291	<	U	0.291	-99	0.374	<	U	0.374	-99					
Hexachlorodibenzofuran	ng/kg	0.295	<	U	0.295	-99	0.243	<	U	0.243	-99					
Octachlorodibenzo-p-dioxin	ng/kg	6.5			0.429	-99	9.09			0.635	-99					
Octachlorodibenzofuran	ng/kg	0.254	<	U	0.254	-99	0.471	<	U	0.471	-99					
Pentachlorodibenzo-p-dioxin	ng/kg	0.353	<	U	0.353	-99	0.553	<	U	0.553	-99					
Pentachlorodibenzofuran	ng/kg	0.303	<	U	0.303	-99	0.536	<	U	0.536	-99					
Tetrachlorodibenzo-p-dioxin	ng/kg	0.34	<	U	0.34	-99	0.571	<	U	0.571	-99					
Tetrachlorodibenzofuran, Total	ng/kg	0.331	<	U	0.331	-99	0.442	<	U	0.442	-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 Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	12SD17					12SD18					12SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD17					12SD18					12SD19				
	Sample Date:	06-OCT-98					06-OCT-98					07-OCT-98				
	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	0.329	<	U	0.329	-99						0.318	<	U	0.318	-99
1,2,3,4,6,7,8-HpCDD	ng/kg	2.85			0.469	-99						4.18			0.441	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.439	<	U	0.439	-99						0.425	<	U	0.425	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	1.03	<	U	1.03	-99						0.809	<	U	0.809	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	0.627	<	U	0.627	-99						0.524	<	U	0.524	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.573	<	U	0.573	-99						0.452	<	U	0.452	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.418	<	U	0.418	-99						0.349	<	U	0.349	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	0.68	<	U	0.68	-99						0.537	<	U	0.537	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.682	<	U	0.682	-99						0.57	<	U	0.57	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.533	<	U	0.533	-99						0.443	<	U	0.443	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.502	<	U	0.502	-99						0.332	<	U	0.332	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.612	<	U	0.612	-99						0.512	<	U	0.512	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.524	<	U	0.524	-99						0.347	<	U	0.347	-99
2,3,7,8-TCDD	ng/kg	0.526	<	U	0.526	-99						0.636	<	U	0.636	-99
2,3,7,8-TCDF	ng/kg	0.453	<	U	0.453	-99						0.468	<	U	0.468	-99
Heptachlorodibenzo-p-dioxin	ng/kg	5.67			0.469	-99						10.4			0.441	-99
Heptachlorodibenzofuran	ng/kg	0.329	<	U	0.329	-99						0.318	<	U	0.318	-99
Hexachloridibenzo-p-dioxin	ng/kg	0.573	<	U	0.573	-99						1.01			0.452	-99
Hexachlorodibenzofuran	ng/kg	0.418	<	U	0.418	-99						0.349	<	U	0.349	-99
Octachlorodibenzo-p-dioxin	ng/kg	98.9			0.574	-99						195			0.667	-99
Octachlorodibenzofuran	ng/kg	0.437	<	U	0.437	-99						0.498	<	U	0.498	-99
Pentachlorodibenzo-p-dioxin	ng/kg	0.533	<	U	0.533	-99						0.443	<	U	0.443	-99
Pentachlorodibenzofuran	ng/kg	0.524	<	U	0.524	-99						0.347	<	U	0.347	-99
Tetrachlorodibenzo-p-dioxin	ng/kg	0.526	<	U	0.526	-99						0.636	<	U	0.636	-99
Tetrachlorodibenzofuran, Total	ng/kg	0.453	<	U	0.453	-99						0.468	<	U	0.468	-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 Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	12SW01						29SD02						29SD03				
	Associated Site:	Central Creek						Central Creek						Central Creek				
	Sample No:	12SW01						29SD02(0.5)						29SD03(0.5)				
	Sample Date:	18-APR-93						29-APR-93						29-APR-93				
	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																	
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		.31	<	U	.31	-99
1,3-Dinitrobenzene	mg/kg							.31	<	U	.31	-99		.31	<	U	.31	-99
2,4,6-Trinitrotoluene	mg/kg							.31	<	UJ	.31	-99		.31	<	UJ	.31	-99

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

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User Test Group	Location Code:	29SD04					29SD05					29SD06				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD04(0.5)					29SD05(0.5)					29SD06(0.5)				
	Sample Date:	29-APR-93					29-APR-93					28-APR-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
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	.32	<	U	.32	-99	.31	<	U	.31	-99
1,3-Dinitrobenzene	mg/kg	.31	<	U	.31	-99	.32	<	U	.32	-99	.31	<	U	.31	-99
2,4,6-Trinitrotoluene	mg/kg	.31	<	UJ	.31	-99	.32	<	UJ	.32	-99	.31	<	UJ	.31	-99

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

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User Test Group	Location Code:	29SD07					29SD08					29SD08				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD07(0.5)					29SD08(0-0.5)					29SD08(0-0.5)QC				
	Sample Date:	28-APR-93					28-APR-93					28-APR-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
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	.41	<	U	.41	-99	.36	<	U	.36	-99	.39	<	U	.39	-99
1,3-Dinitrobenzene	mg/kg	.41	<	U	.41	-99	.36	<	U	.36	-99	.39	<	U	.39	-99
2,4,6-Trinitrotoluene	mg/kg	.41	<	UJ	.41	-99	.36	<	UJ	.36	-99	.39	<	U	.39	-99

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

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User Test Group	Location Code:	29SD09					29SD18					29SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD09(0-0.5)					29SD18(0-0.5)					29SD19 (000.0)				
	Sample Date:	28-APR-93					03-MAY-93					22-FEB-95				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
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	.7	<	U	.7	-99
1,3-Dinitrobenzene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg	.34	<	UJ	.34	-99	.31	<	UJ	.31	-99	.5	<	U	.5	-99

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User Test Group	Location Code:	29SD20					29SD21					29SD23				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD20(000.0)					29SD21 (000.0)					29SD23				
	Sample Date:	01-MAR-95					22-FEB-95					06-OCT-98				
	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											1.18			0.342	-99
1,2,3,4,6,7,8-HpCDD	ng/kg											9.1			0.484	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											0.457	<	U	0.457	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											0.655	<	U	0.655	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											2.61	<	UJ	2.61	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											0.366	<	U	0.366	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											0.25	<	U	0.25	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											0.434	<	U	0.434	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											0.408	<	U	0.408	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											0.33	<	U	0.33	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											0.253	<	U	0.253	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											0.367	<	U	0.367	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											0.264	<	U	0.264	-99
2,3,7,8-TCDD	ng/kg											0.318	<	U	0.318	-99
2,3,7,8-TCDF	ng/kg											0.872			0.107	-99
Heptachlorodibenzo-p-dioxin	ng/kg											17.8			0.484	-99
Heptachlorodibenzofuran	ng/kg											1.35			0.342	-99
Hexachloridibenzo-p-dioxin	ng/kg											0.366	<	U	0.366	-99
Hexachlorodibenzofuran	ng/kg											0.25	<	U	0.25	-99
Octachlorodibenzo-p-dioxin	ng/kg											295		B	0.485	-99
Octachlorodibenzofuran	ng/kg											2.71			0.342	-99
Pentachlorodibenzo-p-dioxin	ng/kg											0.33	<	U	0.33	-99
Pentachlorodibenzofuran	ng/kg											2.61			0.264	-99
Tetrachlorodibenzo-p-dioxin	ng/kg											0.318	<	U	0.318	-99
Tetrachlorodibenzofuran, Total	ng/kg											0.975			0.477	-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 Sediment Analytical Data
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User Test Group	Location Code:	29SD23					29SD25					29SD28				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD23QC					29SD25					29SD28				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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	0.696			0.452	-99										
1,2,3,4,6,7,8-HpCDD	ng/kg	5.39			0.921	-99										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.604	<	U	0.604	-99										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	1.33	<	U	1.33	-99										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.76			0.775	-99										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.741	<	U	0.741	-99										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.516	<	U	0.516	-99										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	0.88	<	U	0.88	-99										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.843	<	U	0.843	-99										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.614	<	U	0.614	-99										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.69	<	U	0.69	-99										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.756	<	U	0.756	-99										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.72	<	U	0.72	-99										
2,3,7,8-TCDD	ng/kg	1.04	<	U	1.04	-99										
2,3,7,8-TCDF	ng/kg	0.697	<	U	0.697	-99										
Heptachlorodibenzo-p-dioxin	ng/kg	9.72			0.921	-99										
Heptachlorodibenzofuran	ng/kg	0.452	<	U	0.452	-99										
Hexachloridibenzo-p-dioxin	ng/kg	0.741	<	U	0.741	-99										
Hexachlorodibenzofuran	ng/kg	0.516	<	U	0.516	-99										
Octachlorodibenzo-p-dioxin	ng/kg	186			0.111	-99										
Octachlorodibenzofuran	ng/kg	1.59			0.907	-99										
Pentachlorodibenzo-p-dioxin	ng/kg	0.614	<	U	0.614	-99										
Pentachlorodibenzofuran	ng/kg	0.72	<	U	0.72	-99										
Tetrachlorodibenzo-p-dioxin	ng/kg	1.04	<	U	1.04	-99										
Tetrachlorodibenzofuran, Total	ng/kg	0.697	<	U	0.697	-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 Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-1					CL-CCS-1					CL-CCS-1				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-1 (1)					CL-CCS-1(1)					CL-CCS-1 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
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						14		J	4	1.1					
1,2,3,4,6,7,8-HpCDD	ng/kg						310			-99	1.1					
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg						1.4	<	U	1.4	1.2					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg						3.3	<	U	3.3	2.3					
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg						0.91	<	U	0.91	1.3					
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg						7.7	<	U	7.7	1.6					
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg						1.9	<	U	1.9	1.1					
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg						13		J	-99	1.5					
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg						1.1	<	U	1.1	1.5					
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg						1.6	<	U	1.6	1.1					
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg						0.82	<	U	0.82	1.1					
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg						1	<	U	1	1.6					
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg						0.82	<	U	0.82	1.4					
2,3,7,8-TCDD	ng/kg						0.68	<	U	0.68	0.56					
2,3,7,8-TCDF	ng/kg						1.5	<	U	1.5	0.31					
Heptachlorodibenzo-p-dioxin	ng/kg						760			-99	0					
Heptachlorodibenzofuran	ng/kg						38			-99	0					
Hexachloridibenzo-p-dioxin	ng/kg						150			-99	0					
Hexachlorodibenzofuran	ng/kg						9.9	<	U	9.9	0					
Octachlorodibenzo-p-dioxin	ng/kg						12000			-99	4.5					
Octachlorodibenzofuran	ng/kg						37		J	-99	2.3					
Pentachlorodibenzo-p-dioxin	ng/kg						7.6	<	U	7.6	0					
Pentachlorodibenzofuran	ng/kg						6.3	<	U	6.3	0					
Tetrachlorodibenzo-p-dioxin	ng/kg						5.2			-99	0					
Tetrachlorodibenzofuran, Total	ng/kg						5.1	<	U	5.1	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
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-2					CL-CCS-2					CL-CCS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-2 (1)					CL-CCS-2 (1)QC					CL-CCS-2 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
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	.5	<	U	.5	-99	.5	<	U	.5	-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 Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-1					CL-HBS-1					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-1 (1)					CL-HBS-1 (2)					CL-HBS-2 (1)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.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	.5	<	U	.5	-99	.5	<	U	.5	-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 Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-2					CL-HBS-2					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-2(1)					CL-HBS-2(1)QC					CL-HBS-2 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
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	5.6	<	U	5.6	1.3	4.3	<	U	4.3	1.4					
1,2,3,4,6,7,8-HpCDD	ng/kg	600			-99	1.3	410			-99	1.4					
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.68	<	U	0.68	1.4	0.66	<	U	0.66	1.4					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	4.3	<	U	4.3	2.7	2.7	<	U	2.7	2.8					
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	1.5	<	U	1.5	1.5	0.99	<	U	0.99	1.6					
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	10	<	U	10	1.8	9.1	<	U	9.1	1.9					
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	1.1	<	U	1.1	1.3	0.88	<	U	0.88	1.4					
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	21		J	-99	1.8	16		J	-99	1.9					
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	1.2	<	U	1.2	1.8	1.1	<	U	1.1	1.9					
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	1.5	<	U	1.5	1.3	1.6	<	U	1.6	1.4					
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.95	<	U	0.95	1.3	0.93	<	U	0.93	1.4					
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	1.1	<	U	1.1	1.8	0.99	<	U	0.99	1.9					
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.9	<	U	0.9	1.6	0.88	<	U	0.88	1.7					
2,3,7,8-TCDD	ng/kg	1	<	U	1	0.65	0.93	<	U	0.93	0.68					
2,3,7,8-TCDF	ng/kg	1.2	<	U	1.2	0.35	1.2	<	U	1.2	0.37					
Heptachlorodibenzo-p-dioxin	ng/kg	2400			-99	0	1600			-99	0					
Heptachlorodibenzofuran	ng/kg	10	<	U	10	0	9.6	<	U	9.6	0					
Hexachloridibenzo-p-dioxin	ng/kg	630			-99	0	490			-99	0					
Hexachlorodibenzofuran	ng/kg	4.7	<	U	4.7	0	3.5	<	U	3.5	0					
Octachlorodibenzo-p-dioxin	ng/kg	20000			-99	5.2	12000			-99	5.4					
Octachlorodibenzofuran	ng/kg	21	<	U	21	2.6	15	<	U	15	2.7					
Pentachlorodibenzo-p-dioxin	ng/kg	60			-99	0	43			-99	0					
Pentachlorodibenzofuran	ng/kg	3.3	<	U	3.3	0	4	<	U	4	0					
Tetrachlorodibenzo-p-dioxin	ng/kg	48			-99	0	48			-99	0					
Tetrachlorodibenzofuran, Total	ng/kg	1.5	<	U	1.5	0	1.3	<	U	1.3	0					
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
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-3					CL-HBS-3					CL-HBS-3				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-3 (1)					CL-HBS-3 (1)QC					CL-HBS-3 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
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	.5	<	U	.5	-99	.5	<	U	.5	-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 Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-4					CL-HBS-4					CL-HBS-4				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-4 (1)					CL-HBS-4(1)					CL-HBS-4 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
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						8.6	<	U	8.6	1.5					
1,2,3,4,6,7,8-HpCDD	ng/kg						560			-99	1.5					
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg						0.98	<	U	0.98	1.6					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg						4.5	<	U	4.5	3.1					
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg						1.6	<	U	1.6	1.8					
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg						11	<	U	11	2.1					
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg						1.3	<	U	1.3	1.5					
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg						19		J	-99	2.1					
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg						1.1	<	U	1.1	2.1					
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg						1.6	<	U	1.6	1.5					
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg						1.3	<	U	1.3	1.5					
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg						0.98	<	U	0.98	2.1					
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg						1.2	<	U	1.2	1.9					
2,3,7,8-TCDD	ng/kg						0.92	<	U	0.92	0.75					
2,3,7,8-TCDF	ng/kg						1.2	<	U	1.2	0.41					
Heptachlorodibenzo-p-dioxin	ng/kg						1600			-99	0					
Heptachlorodibenzofuran	ng/kg						13	<	U	13	0					
Hexachloridibenzo-p-dioxin	ng/kg						380			-99	0					
Hexachlorodibenzofuran	ng/kg						5.4	<	U	5.4	0					
Octachlorodibenzo-p-dioxin	ng/kg						18000			-99	6.1					
Octachlorodibenzofuran	ng/kg						26	<	U	26	3.1					
Pentachlorodibenzo-p-dioxin	ng/kg						22			-99	0					
Pentachlorodibenzofuran	ng/kg						4	<	U	4	0					
Tetrachlorodibenzo-p-dioxin	ng/kg						21			-99	0					
Tetrachlorodibenzofuran, Total	ng/kg						1.8	<	U	1.8	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
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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<i>Location Code:</i>	FWS-118	FWS-180	FWS-182
<i>Associated Site:</i>	Central Creek	Central Creek	Central Creek
<i>Sample No:</i>	CLNWR118	CLNWR180	CLNWR182
<i>Sample Date:</i>	09-SEP-03	09-SEP-03	09-SEP-03
<i>Sample Depth:</i>	.0 - 0.5	.0 - 0.5	.0 - 0.5

User Test Group

[illegible]

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

Report Date: 11/15/04

User Test Group	Location Code:	FWS-215					FWS-224					GPCSD09				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR215					CLNWR224					GPCSD09-981111				
	Sample Date:	09-SEP-03					09-SEP-03					11-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
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
1,3-Dinitrobenzene	mg/kg											.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg											.1	<	U	.1	.1

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

Report Date: 11/15/04

User Test Group

Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

GPCSD09

Central Creek

GPCSD09-981203

03-DEC-98

.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					
1,3-Dinitrobenzene	mg/kg					
2,4,6-Trinitrotoluene	mg/kg					

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

Report Date: 11/15/04

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User Test Group	Location Code:	11SD14					11SD14					11SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	LH11-SD14					C940823-11SD14-N00					C940823-11SD14-QC00				
	Sample Date:	31-MAR-93					23-AUG-94					23-AUG-94				
	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	.699	<	U	.699		.683	<	U	.683	
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	-99	.699	<	U	.699		.683	<	U	.683	
2-Amino-4,6-dinitrotoluene	mg/kg						1.26	<	U	1.26		1.23	<	U	1.23	
4-Amino-2,6-dinitrotoluene	mg/kg						1.54	<	U	1.54		1.5	<	U	1.5	
HMX	mg/kg	.5	<	U	.5	-99	1.26	<	U	1.26		1.23	<	U	1.23	
NIOBIUM	mg/kg	.26	<	U	.26	-99	.839	<	U	.839		.82	<	U	.82	
Nitrobenzene	mg/kg															
RDX	mg/kg	.5	<	U	.5	-99	.699	<	U	.699		.683	<	U	.683	
Tetryl	mg/kg	.5	<	U	.5	-99	2.66	<	U	2.66		2.6	<	U	2.6	
m-Nitrotoluene	mg/kg	.25	<	U	.25	-99	1.26	<	U	1.26		1.23	<	U	1.23	
o-Nitrotoluene	mg/kg	.25	<	U	.25	-99	1.26	<	U	1.26		1.23	<	U	1.23	
p-Nitrotoluene	mg/kg	.25	<	U	.25	-99	1.54	<	U	1.54		1.5	<	U	1.5	
GEN CHEMISTRY																
Chloride	mg/kg	10	<	U	10	-99	7	<	X	7		6.8	<	X	6.8	
Nitrate	mg/kg	0.1	<	U	0.1	-99	0.44			0.14		0.56			0.14	
Specific Conductivity	umhos	112			0	0										
Sulfate	mg/kg	30			10	-99	7	<	X	7		6.8	<	X	6.8	
TOTAL SOLIDS	Percent	84			0	0	71.5			0	0	73.2			0	0
Total Organic Carbon	mg/kg															
pH	STD UNIT	6.7			0	0										
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1	<	U	1	-99	1.4	<	R	1.4		1.4	<	U	1.4	
Arsenic	mg/kg	3.9			0.5	-99	3.3		J	0.69		2.8		J	0.68	
Barium	mg/kg	33.5			1	-99	55.3			1.4		71.9			1.4	
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1	<	U	1	-99	0.69	<	U	0.69		0.68	<	U	0.68	

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD01					12SD02					12SD03				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD01					12SD02					12SD03(0-0.5)				
	Sample Date:	22-APR-93					22-APR-93					03-MAY-93				
	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	.34	<	U	.34	-99	.33	<	U	.33	-99	.53	<	U	.53	-99
2,6-Dinitrotoluene	mg/kg	.35	<	U	.35	-99	.34	<	U	.34	-99	.55	<	U	.55	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.34	<	U	.34	-99	.33	<	U	.33	-99	.53	<	U	.53	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.34	<	U	.34	-99	.33	<	U	.33	-99	.53	<	U	.53	-99
HMX	mg/kg	3	<	U	3	-99	2.9	<	U	2.9	-99	4.6	<	U	4.6	-99
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.35	<	U	.35	-99	.34	<	U	.34	-99	.55	<	U	.55	-99
RDX	mg/kg	1.4	<	U	1.4	-99	1.3	<	U	1.3	-99	2.1	<	U	2.1	-99
Tetryl	mg/kg	.88	<	U	.88	-99	.85	<	U	.85	-99	1.4	<	U	1.4	-99
m-Nitrotoluene	mg/kg	.34	<	U	.34	-99	.33	<	U	.33	-99	.53	<	U	.53	-99
o-Nitrotoluene	mg/kg	.34	<	U	.34	-99	.33	<	U	.33	-99	.53	<	U	.53	-99
p-Nitrotoluene	mg/kg	.34	<	U	.34	-99	.33	<	U	.33	-99	.53	<	U	.53	-99
GEN CHEMISTRY																
Chloride	mg/kg	1.1	<	U	1.1	-99	1	<	U	1	-99	137			4.8	-99
Nitrate	mg/kg	0.13	<	U	0.13	-99	0.13	<	U	0.13	-99	0.12	<	U	0.12	-99
Specific Conductivity	umhos															
Sulfate	mg/kg	1.1	<	U	1.1	-99	1	<	U	1	-99	88.6			4.8	-99
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT	5.45			0	0	5.41			0	0	6.16			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.33	<	U	1.33	-99	1.28	<	U	1.28	-99	2.38	<	UJ	2.38	-99
Arsenic	mg/kg	10.3		J	1.33	-99	4.2		J	1.28	-99	2.38	<	U	2.38	-99
Barium	mg/kg	74.6			13.3	-99	41.1			12.8	-99	384		J	23.8	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.33	<	U	1.33	-99	1.28	<	U	1.28	-99	2.38	<	U	2.38	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD04					12SD05					12SD06				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD04(000.0)					12SD05(000.0)					12SD06(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
	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
NIOBIUM	mg/kg															
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															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.42	<	R	1.42	-99	1.35	<	R	1.35	-99	1.48	<	R	1.48	-99
Arsenic	mg/kg	1.7			0.71	-99	0.67	<	U	0.67	-99	2.22			0.74	-99
Barium	mg/kg	170.8			1.42	-99	57.3			1.35	-99	135.6			1.48	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.71	<	U	0.71	-99	0.67	<	U	0.67	-99	0.74	<	U	0.74	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD07					12SD08					12SD08				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD07(000.0)					12SD08(000.0)					12SD08(000.0)QC				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
	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
NIOBIUM	mg/kg															
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															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.44	<	R	1.44	-99	1.52	<	R	1.52	-99	1.49	<	UJ	1.49	-99
Arsenic	mg/kg	1.87			0.72	-99	2.13			0.76	-99	1.94		J	0.75	-99
Barium	mg/kg	173.7			1.44	-99	134.4			1.52	-99	129.7			1.49	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.72	<	U	0.72	-99	0.76	<	U	0.76	-99	0.75	<	U	0.75	-99

Report Date: 11/15/04

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

User Test Group	Location Code:	12SD09					12SD10					12SD11				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD09(000.0)					12SD10 (000.0)					12SD11 (000.0)				
	Sample Date:	18-FEB-95					15-MAR-95					15-MAR-95				
	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
NIOBIUM	mg/kg															
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															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.5	<	R	1.5	-99	1.27	<	R	1.27	-99	1.3	<	R	1.3	-99
Arsenic	mg/kg	2.25			0.75	-99	1.01		J	0.63	-99	1.04		J	0.65	-99
Barium	mg/kg	166.4			1.5	-99	20			1.27	-99	18.6			1.3	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.75	<	U	0.75	-99	6.27		J	0.63	-99	0.65	<	UJ	0.65	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD12					12SD13					12SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD12 (000.0)					12SD13(000.0)					12SD14(000.0)				
	Sample Date:	15-MAR-95					01-MAR-95					02-MAR-95				
	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
NIOBIUM	mg/kg															
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															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.23	<	R	1.23	-99	1.54		R	1.29	-99	1.27	<	R	1.27	-99
Arsenic	mg/kg	1.35		J	0.62	-99	6.3			0.64	-99	1.53			0.64	-99
Barium	mg/kg	73.5			1.23	-99	52.4			1.29	-99	44.8			1.27	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.62	<	UJ	0.62	-99	0.64	<	U	0.64	-99	0.64	<	U	0.64	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD15					12SD15					12SD16				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD15					12SD15QC					12SD16				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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
NIOBIUM	mg/kg															
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															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	1300			26	26	1400			27	27	4500			27	27
Antimony	mg/kg	7.92	<	UJ	7.92	7.92	8	<	UJ	8	8	8.14	<	UJ	8.14	8.14
Arsenic	mg/kg	1.35			1.32	1.32	1.33	<	U	1.33	1.33	1.36	<	U	1.36	1.36
Barium	mg/kg	49			26	26	61			27	27	100			27	27
Beryllium	mg/kg	0.66	<	U	0.66	0.66	0.667	<	U	0.667	0.667	0.678	<	U	0.678	0.678
Boron	mg/kg															
Cadmium	mg/kg	0.66	<	U	0.66	0.66	0.667	<	U	0.667	0.667	0.678	<	U	0.678	0.678

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD17					12SD18					12SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD17					12SD18					12SD19				
	Sample Date:	06-OCT-98					06-OCT-98					07-OCT-98				
	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
NIOBIUM	mg/kg															
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															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	2300			39	39	3400			36	36	3800			29	29
Antimony	mg/kg	11.8	<	UJ	11.8	11.8	10.9	<	UJ	10.9	10.9	8.77	<	U	8.77	8.77
Arsenic	mg/kg	1.97	<	U	1.97	1.97	1.82	<	U	1.82	1.82	3.74			1.46	1.46
Barium	mg/kg	180			39	39	170			36	36	54			29	29
Beryllium	mg/kg	0.986	<	U	0.986	0.986	0.912	<	U	0.912	0.912	0.731	<	U	0.731	0.731
Boron	mg/kg															
Cadmium	mg/kg	0.986	<	U	0.986	0.986	0.912	<	U	0.912	0.912	0.731	<	U	0.731	0.731

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

Report Date: 11/15/04

User Test Group	Location Code:	12SW01					29SD02					29SD03				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SW01					29SD02(0.5)					29SD03(0.5)				
	Sample Date:	18-APR-93					29-APR-93					29-APR-93				
	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						.31	<	U	.31	-99	.31	<	U	.31	-99
2,6-Dinitrotoluene	mg/kg						.33	<	U	.33	-99	.32	<	U	.32	-99
2-Amino-4,6-dinitrotoluene	mg/kg						.31	<	U	.31	-99	.31	<	U	.31	-99
4-Amino-2,6-dinitrotoluene	mg/kg						.31	<	U	.31	-99	.31	<	U	.31	-99
HMX	mg/kg						2.8	<	U	2.8	-99	2.7	<	U	2.7	-99
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg						.33	<	U	.33	-99	.32	<	U	.32	-99
RDX	mg/kg						1.3	<	U	1.3	-99	1.2	<	U	1.2	-99
Tetryl	mg/kg						.82	<	U	.82	-99	.8	<	U	.8	-99
m-Nitrotoluene	mg/kg						.31	<	U	.31	-99	.31	<	U	.31	-99
o-Nitrotoluene	mg/kg						.31	<	U	.31	-99	.31	<	U	.31	-99
p-Nitrotoluene	mg/kg						.31	<	U	.31	-99	.31	<	U	.31	-99
GEN CHEMISTRY																
Chloride	mg/kg						2.56	<	U	2.56	-99	2.44	<	U	2.44	-99
Nitrate	mg/kg						0.13	<	U	0.13	-99	0.12	<	U	0.12	-99
Specific Conductivity	umhos															
Sulfate	mg/kg						8.29			2.56	-99	5.91			2.44	-99
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT						5.13			0	0	5.46			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg						1.28	<	U	1.28	-99	1.22	<	U	1.22	-99
Arsenic	mg/kg						13.9			1.28	-99	6.89			1.22	-99
Barium	mg/kg						80.7			12.8	-99	68			12.2	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg						1.28	<	U	1.28	-99	1.22	<	U	1.22	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD04					29SD05					29SD06				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD04(0.5)					29SD05(0.5)					29SD06(0.5)				
	Sample Date:	29-APR-93					29-APR-93					28-APR-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	.31	<	U	.31	-99	.32	<	U	.32	-99	.31	<	U	.31	-99
2,6-Dinitrotoluene	mg/kg	.32	<	U	.32	-99	.33	<	U	.33	-99	.32	<	U	.32	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.31	<	U	.31	-99	.32	<	U	.32	-99	.31	<	U	.31	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.31	<	U	.31	-99	.32	<	U	.32	-99	.31	<	U	.31	-99
HMX	mg/kg	2.7	<	U	2.7	-99	2.8	<	U	2.8	-99	2.7	<	U	2.7	-99
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.32	<	U	.32	-99	.33	<	U	.33	-99	.32	<	U	.32	-99
RDX	mg/kg	1.2	<	U	1.2	-99	1.3	<	U	1.3	-99	1.2	<	U	1.2	-99
Tetryl	mg/kg	.8	<	U	.8	-99	.84	<	U	.84	-99	.81	<	U	.81	-99
m-Nitrotoluene	mg/kg	.31	<	U	.31	-99	.32	<	U	.32	-99	.31	<	U	.31	-99
o-Nitrotoluene	mg/kg	.31	<	U	.31	-99	.32	<	U	.32	-99	.31	<	U	.31	-99
p-Nitrotoluene	mg/kg	.31	<	U	.31	-99	.32	<	U	.32	-99	.31	<	U	.31	-99
GEN CHEMISTRY																
Chloride	mg/kg	2.5	<	U	2.5	-99	2.5	<	U	2.5	-99	2.7	<	U	2.7	-99
Nitrate	mg/kg	0.13	<	U	0.13	-99	0.13	<	U	0.13	-99	0.13	<	U	0.13	-99
Specific Conductivity	umhos															
Sulfate	mg/kg	6.64			2.5	-99	5.77			2.5	-99	16.1			2.7	-99
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT	6.21			0	0	6.44			0	0	5.19			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.25	<	U	1.25	-99	1.25	<	U	1.25	-99	1.35	<	U	1.35	-99
Arsenic	mg/kg	8.63			1.25	-99	4.32			1.25	-99	14.1			1.35	-99
Barium	mg/kg	64.6			12.5	-99	46.8			12.5	-99	59.6			13.5	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.25	<	U	1.25	-99	1.25	<	U	1.25	-99	1.35	<	U	1.35	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD07					29SD08					29SD08				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD07(0.5)					29SD08(0-0.5)					29SD08(0-0.5)QC				
	Sample Date:	28-APR-93					28-APR-93					28-APR-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	.41	<	U	.41	-99	.36	<	U	.36	-99	.39	<	U	.39	-99
2,6-Dinitrotoluene	mg/kg	.42	<	U	.42	-99	.38	<	U	.38	-99	.4	<	U	.4	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.41	<	U	.41	-99	.36	<	U	.36	-99	.39	<	U	.39	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.41	<	U	.41	-99	.36	<	U	.36	-99	.39	<	U	.39	-99
HMX	mg/kg	3.6	<	U	3.6	-99	3.2	<	U	3.2	-99	3.4	<	U	3.4	-99
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.42	<	U	.42	-99	.38	<	U	.38	-99	.4	<	U	.4	-99
RDX	mg/kg	1.6	<	U	1.6	-99	1.5	<	U	1.5	-99	1.5	<	U	1.5	-99
Tetryl	mg/kg	1.1	<	U	1.1	-99	.95	<	U	.95	-99	1	<	U	1	-99
m-Nitrotoluene	mg/kg	.41	<	U	.41	-99	.36	<	U	.36	-99	.39	<	U	.39	-99
o-Nitrotoluene	mg/kg	.41	<	U	.41	-99	.36	<	U	.36	-99	.39	<	U	.39	-99
p-Nitrotoluene	mg/kg	.41	<	U	.41	-99	.36	<	U	.36	-99	.39	<	U	.39	-99
GEN CHEMISTRY																
Chloride	mg/kg	2.98	<	U	2.98	-99	13			3	-99	5.2			3.2	-99
Nitrate	mg/kg	0.15	<	U	0.15	-99	0.16	<	U	0.16	-99	0.16	<	U	0.16	-99
Specific Conductivity	umhos															
Sulfate	mg/kg	5.27			2.98	-99	5.1			3	-99	3.2	<	U	3.2	-99
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT	5.52			0	0	5.25			0	0	5			0	0
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.49	<	U	1.49	-99	1.52	<	U	1.52	-99	1.59	<	U	1.59	-99
Arsenic	mg/kg	15			1.49	-99	5.54			1.52	-99	4.37			1.59	-99
Barium	mg/kg	66.3			14.9	-99	82.4		J	15.2	-99	95.4			15.9	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.49	<	U	1.49	-99	1.52	<	U	1.52	-99	1.59	<	U	1.59	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD09					29SD18					29SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD09(0-0.5)					29SD18(0-0.5)					29SD19 (000.0)				
	Sample Date:	28-APR-93					03-MAY-93					22-FEB-95				
	Sample Depth:	.0 -0.5					.0 -0.5					.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	.34	<	U	.34	-99	.31	<	U	.31	-99	.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg	.36	<	U	.36	-99	.33	<	U	.33	-99	.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	.9	<	U	.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	1.1	<	U	1.1	-99
HMX	mg/kg	3	<	U	3	-99	2.8	<	U	2.8	-99	.9	<	U	.9	-99
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.36	<	U	.36	-99	.33	<	U	.33	-99	.6	<	U	.6	-99
RDX	mg/kg	1.4	<	U	1.4	-99	1.3	<	U	1.3	-99	.5	<	U	.5	-99
Tetryl	mg/kg	.89	<	U	.89	-99	.81	<	U	.81	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg	.34	<	U	.34	-99	.31	<	U	.31	-99	1.1	<	U	1.1	-99
GEN CHEMISTRY																
Chloride	mg/kg	10.6			3.2	-99	2.6	<	U	2.6	-99					
Nitrate	mg/kg	0.16	<	U	0.16	-99	0.07	<	U	0.07	-99					
Specific Conductivity	umhos															
Sulfate	mg/kg	4			3.2	-99	12.5			2.6	-99					
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT	5.06			0	0	5.65			0	0					
METALS																
Aluminum	mg/kg															
Antimony	mg/kg	1.61	<	U	1.61	-99	1.3	<	UJ	1.3	-99	1.45	<	R	1.45	-99
Arsenic	mg/kg	6.08			1.61	-99	1.3	<	U	1.3	-99	6.96			0.72	-99
Barium	mg/kg	96.4		J	16.1	-99	45.7		J	13	-99	50.6			1.45	-99
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	1.61	<	U	1.61	-99	1.3	<	U	1.3	-99	0.72	<	U	0.72	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD20					29SD21					29SD23				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD20(000.0)					29SD21 (000.0)					29SD23				
	Sample Date:	01-MAR-95					22-FEB-95					06-OCT-98				
	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
NIOBIUM	mg/kg															
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	<	U	.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															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg											4600			27	27
Antimony	mg/kg	1.4		R	1.4	-99	1.44	<	R	1.44	-99	8.09	<	UJ	8.09	8.09
Arsenic	mg/kg	2.23			0.7	-99	3.88			0.72	-99	3.31			1.35	1.35
Barium	mg/kg	77.3			1.4	-99	51.5			1.44	-99	110			27	27
Beryllium	mg/kg											0.674	<	U	0.674	0.674
Boron	mg/kg															
Cadmium	mg/kg	0.7	<	U	0.7	-99	0.72	<	U	0.72	-99	0.674	<	U	0.674	0.674

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD23					29SD25					29SD28				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD23QC					29SD25					29SD28				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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
NIOBIUM	mg/kg															
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															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	3500			32	32	3900			31	31	6000			28	28
Antimony	mg/kg	9.69	<	UJ	9.69	9.69	9.33	<	UJ	9.33	9.33	8.4	<	UJ	8.4	8.4
Arsenic	mg/kg	2.85			1.62	1.62	2.98			1.56	1.56	1.89			1.4	1.4
Barium	mg/kg	82			32	32	160			31	31	270			28	28
Beryllium	mg/kg	0.808	<	U	0.808	0.808	0.778	<	U	0.778	0.778	0.7	<	U	0.7	0.7
Boron	mg/kg															
Cadmium	mg/kg	0.808	<	U	0.808	0.808	0.778	<	U	0.778	0.778	0.7	<	U	0.7	0.7

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-1					CL-CCS-1					CL-CCS-1				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-1 (1)					CL-CCS-1(1)					CL-CCS-1 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 - 1				
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	89300			0	0						21900			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg	17500			125	-99						12000			125	-99
Antimony	mg/kg	1	<	U	1	-99						1	<	U	1	-99
Arsenic	mg/kg	7.52			5	-99						3.68			5	-99
Barium	mg/kg	204			25	-99						177			25	-99
Beryllium	mg/kg	1.02			0.5	-99						1.5			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg	0.148			1	-99						0.072		J	1	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-2					CL-CCS-2					CL-CCS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-2 (1)					CL-CCS-2 (1)QC					CL-CCS-2 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
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	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
HMX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
m-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
o-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
p-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.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	31300			0	0	149000			0	0	25400			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg	19600			125	-99	6200			125	-99	6880			125	-99
Antimony	mg/kg	1	<	U	1	-99	1	<	U	1	-99	1	<	U	1	-99
Arsenic	mg/kg	6.75			5	-99	6.03			5	-99	2.21			5	-99
Barium	mg/kg	201			25	-99	178			25	-99	150			25	-99
Beryllium	mg/kg	1.08			0.5	-99	0.869			0.5	-99	1.03			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg	0.058		J	1	-99	0.129			1	-99	0.075		J	1	-99

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

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User Test Group	Location Code:	CL-HBS-1					CL-HBS-1					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-1 (1)					CL-HBS-1 (2)					CL-HBS-2 (1)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.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	.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	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
HMX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
m-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
o-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
p-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.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	29000			0	0	23900			0	0	135000			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg	12000			125	-99	7450			125	-99	14800			125	-99
Antimony	mg/kg	1	<	U	1	-99	1	<	U	1	-99	1	<	U	1	-99
Arsenic	mg/kg	4.02			5	-99	1.63			5	-99	4.92			5	-99
Barium	mg/kg	156			25	-99	199			25	-99	198			25	-99
Beryllium	mg/kg	0.939			0.5	-99	1.02			0.5	-99	0.963			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.135			1	-99

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Summary of Validated Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-2					CL-HBS-2					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-2(1)					CL-HBS-2(1)QC					CL-HBS-2 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
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											26300			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg											13900			125	-99
Antimony	mg/kg											1	<	U	1	-99
Arsenic	mg/kg											5.99			5	-99
Barium	mg/kg											190			25	-99
Beryllium	mg/kg											1.47			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg											0.051		J	1	-99

Exhibit 1
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Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-3					CL-HBS-3					CL-HBS-3				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-3 (1)					CL-HBS-3 (1)QC					CL-HBS-3 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
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	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
HMX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
NIOBIUM	mg/kg															
Nitrobenzene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
RDX	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
m-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
o-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.5	<	U	.5	-99	.5	<	U	.5	-99
p-Nitrotoluene	mg/kg	.5	<	U	.5	-99	.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	9800			0	0	29300			0	0	6370			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg	8580			125	-99	13000			125	-99	9010			125	-99
Antimony	mg/kg	1	<	U	1	-99	1	<	U	1	-99	1	<	U	1	-99
Arsenic	mg/kg	2.54			5	-99	2.21			5	-99	1.46			5	-99
Barium	mg/kg	203			25	-99	213			25	-99	180			25	-99
Beryllium	mg/kg	1.23			0.5	-99	1.18			0.5	-99	1.02			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg	0.071		J	1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99

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Summary of Validated Sediment Analytical Data
Central Creek Watershed
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User Test Group	Location Code:	CL-HBS-4					CL-HBS-4					CL-HBS-4				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-4 (1)					CL-HBS-4(1)					CL-HBS-4 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
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	84300			0	0						27500			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg	7260			125	-99						13700			125	-99
Antimony	mg/kg	1	<	U	1	-99						1	<	U	1	-99
Arsenic	mg/kg	2.78			5	-99						5.05			5	-99
Barium	mg/kg	125			25	-99						214			25	-99
Beryllium	mg/kg	0.645			0.5	-99						1.25			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg	0.101			1	-99						0.174			1	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	FWS-118					FWS-180					FWS-182				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR118					CLNWR180					CLNWR182				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
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	6700		nv	10		12700		nv	10.4		3962		nv	10.4	
Antimony	mg/kg															
Arsenic	mg/kg	2.32		nv	.5		2.34		nv	.519		.859		nv	.521	
Barium	mg/kg	152		nv	1		196		nv	.208		72.3		nv	.208	
Beryllium	mg/kg	14.5		nv	.2		1.3		nv	.208		.437		nv	.208	
Boron	mg/kg	12.7		nv	2		2.08	<	nv	2.08		2.08	<	nv	2.08	
Cadmium	mg/kg	14.2		nv	.25		.26	<	nv	.26		.26	<	nv	.26	

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

Report Date: 11/15/04

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User Test Group	Location Code:	FWS-215					FWS-224					GPCSD09				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR215					CLNWR224					GPCSD09-981111				
	Sample Date:	09-SEP-03					09-SEP-03					11-NOV-98				
	Sample Depth:	.0 -0.5					.0 -0.5					.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
NIOBIUM	mg/kg															
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															
Specific Conductivity	umhos															
Sulfate	mg/kg															
TOTAL SOLIDS	Percent															
Total Organic Carbon	mg/kg											216000			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg	1248		nv	10.3		7927		nv	10.7		2400			29	29
Antimony	mg/kg											8.58	<	R	8.58	8.58
Arsenic	mg/kg	.764		nv	.517		1.11		nv	.536		2.13			1.43	1.43
Barium	mg/kg	21.9		nv	.207		103		nv	.214		58			29	29
Beryllium	mg/kg	.207	<	nv	.207		1.38		nv	.214		0.715	<	U	0.715	0.715
Boron	mg/kg	2.07	<	nv	2.07		2.14	<	nv	2.14						
Cadmium	mg/kg	.259	<	nv	.259		.268	<	nv	.268		0.715	<	U	0.715	0.715

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

Report Date: 11/15/04

User Test Group

Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

GPCSD09

Central Creek

GPCSD09-981203

03-DEC-98

.0 - 0

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					
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					
Arsenic	mg/kg					
Barium	mg/kg					
Beryllium	mg/kg					
Boron	mg/kg					
Cadmium	mg/kg					

00051388

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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11SD14

Central Creek

C940823-11SD14-QC00

23-AUG-94

.0 - 0

[illegible]

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

00051389

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD03

Central Creek

12SD03(0-0.5)

03-MAY-93

.0 - 0.5

 $al \quad VO$

Units

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

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

00051390

Report Date: 11/15/04

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Location Code:

12SD04

12SD05

12SD06

Associated Site:

Central Creek

Central Creek

Central Creek

Sample No:

12SD04(000.0)

12SD05(000.0)

12SD06(000.0)

Sample Date:

18-FEB-95

18-FEB-95

18-FEB-95

Sample Depth:

.0 - 0

.0 - 0

.0 - 0

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Calcium	mg/kg															
Chromium	mg/kg	9.96			1.42	-99	4.45			1.35	-99	11.4			1.48	-99
Cobalt	mg/kg															
Copper	mg/kg	4.7			0.71	-99	1.9			0.67	-99	4			0.74	-99
Cyanide, Total	mg/kg															
Iron	mg/kg															
Lead	mg/kg	11.3			3.55	-99	7.13			0.67	-99	16.6			1.48	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.14	<	U	0.14	-99	0.13	<	U	0.13	-99	0.15	<	U	0.15	-99
Molybdenum	mg/kg															
Nickel	mg/kg	8.24			1.42	-99	2.4			1.35	-99	8.83			1.48	-99
Potassium	mg/kg															
Selenium	mg/kg	0.71	<	UJ	0.71	-99	0.67	<	UJ	0.67	-99	1.48	<	UJ	1.48	-99
Silver	mg/kg	1.42	<	U	1.42	-99	1.35	<	U	1.35	-99	1.48	<	U	1.48	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.42	<	U	1.42	-99	1.35	<	U	1.35	-99	1.48	<	U	1.48	-99
Vanadium	mg/kg															
Zinc	mg/kg	26.8			0.43	-99	8.3			0.4	-99	25.3			0.44	-99

PCBS

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

00051391

Report Date: 11/15/04

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Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

12SD07

Central Creek

12SD07(000.0)

18-FEB-95

.0 - 0

12SD08

Central Creek

12SD08(000.0)

18-FEB-95

.0 - 0

12SD08

Central Creek

12SD08(000.0)QC

18-FEB-95

.0 - 0

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Calcium	mg/kg															
Chromium	mg/kg	15.3			1.44	-99	9.3			1.52	-99	9.16			1.49	-99
Cobalt	mg/kg															
Copper	mg/kg	6.5			0.72	-99	4.7			0.76	-99	4.3			0.75	-99
Cyanide, Total	mg/kg															
Iron	mg/kg															
Lead	mg/kg	11.5			1.44	-99	11.9			0.76	-99	11.7	J		1.49	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.14	<	U	0.14	-99	0.15	<	U	0.15	-99	0.15	<	U	0.15	-99
Molybdenum	mg/kg															
Nickel	mg/kg	9.74			1.44	-99	7.07			1.52	-99	7.46			1.49	-99
Potassium	mg/kg															
Selenium	mg/kg	1.44	<	UJ	1.44	-99	1.52	<	UJ	1.52	-99	1.49	<	UJ	1.49	-99
Silver	mg/kg	1.44	<	U	1.44	-99	1.52	<	U	1.52	-99	1.49	<	U	1.49	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.44	<	U	1.44	-99	1.52	<	U	1.52	-99	1.49	<	UJ	1.49	-99
Vanadium	mg/kg															
Zinc	mg/kg	42.7			0.43	-99	23.2			0.46	-99	23.2			0.45	-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

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

00051392

Report Date: 11/15/04

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Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

12SD09

Central Creek

12SD09(000.0)

18-FEB-95

.0 - 0

12SD10

Central Creek

12SD10 (000.0)

15-MAR-95

.0 - 0

12SD11

Central Creek

12SD11 (000.0)

15-MAR-95

.0 - 0

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Calcium	mg/kg															
Chromium	mg/kg	11.1			1.5	-99	3.8			1.27	-99	3.47			1.3	-99
Cobalt	mg/kg															
Copper	mg/kg	5.1			0.75	-99	1.6			0.63	-99	1.3			0.65	-99
Cyanide, Total	mg/kg															
Iron	mg/kg															
Lead	mg/kg	11.7			0.75	-99	4.69		J	0.63	-99	4.42		J	1.3	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.15	<	U	0.15	-99	0.13	<	U	0.13	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	10.5			1.5	-99	3.16			1.27	-99	3			1.3	-99
Potassium	mg/kg															
Selenium	mg/kg	0.75	<	UJ	0.75	-99	0.63	<	U	0.63	-99	0.65	<	U	0.65	-99
Silver	mg/kg	1.5	<	U	1.5	-99	1.27	<	U	1.27	-99	1.3	<	U	1.3	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	1.5	<	U	1.5	-99	0.63	<	U	0.63	-99	0.65	<	U	0.65	-99
Vanadium	mg/kg															
Zinc	mg/kg	29.3			0.45	-99	11.4			0.38	-99	9.1			0.39	-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

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

00051393

Report Date: 11/15/04

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Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

12SD12

Central Creek

12SD12 (000.0)

15-MAR-95

.0 - 0

12SD13

Central Creek

12SD13(000.0)

01-MAR-95

.0 - 0

12SD14

Central Creek

12SD14(000.0)

02-MAR-95

.0 - 0

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Calcium	mg/kg															
Chromium	mg/kg	8.22			1.23	-99	35.8			1.29	-99	5.22			1.27	-99
Cobalt	mg/kg															
Copper	mg/kg	4.1			0.62	-99	11.4			0.64	-99	3.6			0.64	-99
Cyanide, Total	mg/kg															
Iron	mg/kg															
Lead	mg/kg	8.36		J	0.62	-99	7.33			0.64	-99	10.4			0.64	-99
Magnesium	mg/kg															
Manganese	mg/kg															
Mercury	mg/kg	0.12	<	U	0.12	-99	0.13	<	U	0.13	-99	0.13	<	U	0.13	-99
Molybdenum	mg/kg															
Nickel	mg/kg	7.2			1.23	-99	10.8			1.29	-99	3.96			1.27	-99
Potassium	mg/kg															
Selenium	mg/kg	0.62			0.62	-99	1.29	<	U	1.29	-99	1.27	<	U	1.27	-99
Silver	mg/kg	1.23	<	U	1.23	-99	1.29	<	U	1.29	-99	1.27	<	U	1.27	-99
Sodium	mg/kg															
Strontium	mg/kg															
Thallium	mg/kg	0.62	<	U	0.62	-99	0.64	<	U	0.64	-99	0.64	<	U	0.64	-99
Vanadium	mg/kg															
Zinc	mg/kg	15			0.37	-99	37.9			0.39	-99	13.9			0.38	-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

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD15					12SD15					12SD16				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD15					12SD15QC					12SD16				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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	660	<	U	660	660	670	<	U	670	670	680	<	U	680	680
Chromium	mg/kg	4.8			1.3	1.3	5.8			1.3	1.3	6.8			1.3	1.3
Cobalt	mg/kg	6.6	<	U	6.6	6.6	6.8			6.7	6.7	6.8	<	U	6.8	6.8
Copper	mg/kg	3.3	<	U	3.3	3.3	3.33	<	U	3.33	3.33	3.39	<	U	3.39	3.39
Cyanide, Total	mg/kg															
Iron	mg/kg	2100			13	13	2300			13	13	5900			14	14
Lead	mg/kg	5.02			0.396	0.396	5.77			0.4	0.4	4.94			0.407	0.407
Magnesium	mg/kg	660	<	U	660	660	670	<	U	670	670	680	<	U	680	680
Manganese	mg/kg	299			1.98	1.98	362			2	2	86			2.04	2.04
Mercury	mg/kg	0.13	<	U	0.13	0.13	0.13	<	U	0.13	0.13	0.14	<	U	0.14	0.14
Molybdenum	mg/kg															
Nickel	mg/kg	5.3	<	U	5.3	5.3	5.3	<	U	5.3	5.3	5.4	<	U	5.4	5.4
Potassium	mg/kg	660	<	U	660	660	670	<	U	670	670	680	<	U	680	680
Selenium	mg/kg	1.32	<	U	1.32	1.32	1.33	<	U	1.33	1.33	1.36	<	U	1.36	1.36
Silver	mg/kg	1.3	<	U	1.3	1.3	1.3	<	U	1.3	1.3	1.3	<	U	1.3	1.3
Sodium	mg/kg	660	<	U	660	660	670	<	U	670	670	680	<	U	680	680
Strontium	mg/kg	6.6	<	U	6.6	6.6	6.7	<	U	6.7	6.7	6.8	<	U	6.8	6.8
Thallium	mg/kg	0.66	<	U	0.66	0.66	0.667	<	U	0.667	0.667	0.678	<	U	0.678	0.678
Vanadium	mg/kg	6.6	<	U	6.6	6.6	6.7	<	U	6.7	6.7	13			6.8	6.8
Zinc	mg/kg	4.7			2.6	2.6	5.5			2.7	2.7	6.8			2.7	2.7
PCBS																
Aroclor 1016	mg/kg	.044	<	U	.044	.044	.044	<	U	.044	.044					
Aroclor 1221	mg/kg	.088	<	U	.088	.088	.089	<	U	.089	.089					
Aroclor 1232	mg/kg	.044	<	U	.044	.044	.044	<	U	.044	.044					
Aroclor 1242	mg/kg	.044	<	U	.044	.044	.044	<	U	.044	.044					
Aroclor 1248	mg/kg	.044	<	U	.044	.044	.044	<	U	.044	.044					
Aroclor 1254	mg/kg	.044	<	U	.044	.044	.044	<	U	.044	.044					
Aroclor 1260	mg/kg	.044	<	U	.044	.044	.044	<	U	.044	.044					

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD17					12SD18					12SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD17					12SD18					12SD19				
	Sample Date:	06-OCT-98					06-OCT-98					07-OCT-98				
	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	990	<	U	990	990	910	<	U	910	910	730	<	U	730	730
Chromium	mg/kg	4.2			2	2	5.1			1.8	1.8	13			1.5	1.5
Cobalt	mg/kg	9.9	<	U	9.9	9.9	9.1	<	U	9.1	9.1	7.3	<	U	7.3	7.3
Copper	mg/kg	4.93	<	U	4.93	4.93	4.56	<	U	4.56	4.56	3.65	<	U	3.65	3.65
Cyanide, Total	mg/kg															
Iron	mg/kg	2700			20	20	2900			18	18	6800			15	15
Lead	mg/kg	11			0.592	0.592	14			0.547	0.547	7.55			0.439	0.439
Magnesium	mg/kg	990	<	U	990	990	910	<	U	910	910	730	<	U	730	730
Manganese	mg/kg	243		J	2.96	2.96	156			2.74	2.74	77.8			2.19	2.19
Mercury	mg/kg	0.2	<	U	0.2	0.2	0.18	<	U	0.18	0.18	0.15	<	U	0.15	0.15
Molybdenum	mg/kg															
Nickel	mg/kg	7.9	<	U	7.9	7.9	7.3	<	U	7.3	7.3	5.8	<	U	5.8	5.8
Potassium	mg/kg	990	<	U	990	990	1000			910	910	730	<	UJ	730	730
Selenium	mg/kg	1.97	<	U	1.97	1.97	1.82	<	U	1.82	1.82	1.46	<	U	1.46	1.46
Silver	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.5	<	U	1.5	1.5
Sodium	mg/kg	990	<	U	990	990	910	<	U	910	910	730	<	U	730	730
Strontium	mg/kg	9.9	<	U	9.9	9.9	9.1	<	U	9.1	9.1	7.3	<	U	7.3	7.3
Thallium	mg/kg	0.986	<	U	0.986	0.986	0.912	<	U	0.912	0.912	0.731	<	U	0.731	0.731
Vanadium	mg/kg	9.9	<	U	9.9	9.9	9.1	<	U	9.1	9.1	16			7.3	7.3
Zinc	mg/kg	14			3.9	3.9	19			3.6	3.6	13			2.9	2.9
PCBS																
Aroclor 1016	mg/kg	.066	<	U	.066	.066						.049	<	U	.049	.049
Aroclor 1221	mg/kg	.13	<	U	.13	.13						.098	<	U	.098	.098
Aroclor 1232	mg/kg	.066	<	U	.066	.066						.049	<	U	.049	.049
Aroclor 1242	mg/kg	.066	<	U	.066	.066						.049	<	U	.049	.049
Aroclor 1248	mg/kg	.066	<	U	.066	.066						.049	<	U	.049	.049
Aroclor 1254	mg/kg	.066	<	U	.066	.066						.049	<	U	.049	.049
Aroclor 1260	mg/kg	.066	<	U	.066	.066						.049	<	U	.049	.049

00051396

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD03

Central Creek

29SD03(0.5)

29-APR-93

.0 - 0.5

[illegible]

mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg

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

00051397

Report Date: 11/15/04

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Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

29SD04

Central Creek

29SD04(0.5)

29-APR-93

.0 - 0.5

29SD05

Central Creek

29SD05(0.5)

29-APR-93

.0 - 0.5

29SD06

Central Creek

29SD06(0.5)

28-APR-93

.0 - 0.5

User Test Group

[illegible]

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

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD20					29SD21					29SD23				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD20(000.0)					29SD21 (000.0)					29SD23				
	Sample Date:	01-MAR-95					22-FEB-95					06-OCT-98				
	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											1100			670	670
Chromium	mg/kg	13.2			1.4	-99	13.8			1.44	-99	7.2			1.3	1.3
Cobalt	mg/kg											6.7	<	U	6.7	6.7
Copper	mg/kg	3.5			0.7	-99	3.7			0.72	-99	4.49			3.37	3.37
Cyanide, Total	mg/kg															
Iron	mg/kg											9800			13	13
Lead	mg/kg	8.38			0.7	-99	10.8			0.72	-99	17.3			0.404	0.404
Magnesium	mg/kg											670	<	U	670	670
Manganese	mg/kg											155			2.02	2.02
Mercury	mg/kg	0.14	<	U	0.14	-99	0.14	<	U	0.14	-99	0.13	<	U	0.13	0.13
Molybdenum	mg/kg															
Nickel	mg/kg	4.11			1.4	-99	5.48			1.44	-99	5.4	<	U	5.4	5.4
Potassium	mg/kg											670	<	U	670	670
Selenium	mg/kg	1.4	<	U	1.4	-99	0.72	<	U	0.72	-99	1.35	<	U	1.35	1.35
Silver	mg/kg	1.4	<	U	1.4	-99	1.44	<	U	1.44	-99	1.3	<	U	1.3	1.3
Sodium	mg/kg											670	<	U	670	670
Strontium	mg/kg											6.7	<	U	6.7	6.7
Thallium	mg/kg	0.7	<	U	0.7	-99	0.72	<	U	0.72	-99	0.674	<	U	0.674	0.674
Vanadium	mg/kg											17			6.7	6.7
Zinc	mg/kg	17.1			0.42	-99	13.6			0.43	-99	17			2.7	2.7
PCBS																
Aroclor 1016	mg/kg											.045	<	U	.045	.045
Aroclor 1221	mg/kg											.09	<	U	.09	.09
Aroclor 1232	mg/kg											.045	<	U	.045	.045
Aroclor 1242	mg/kg											.045	<	U	.045	.045
Aroclor 1248	mg/kg											.045	<	U	.045	.045
Aroclor 1254	mg/kg											.045	<	U	.045	.045
Aroclor 1260	mg/kg											.045	<	U	.045	.045

00051401

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[illegible]

00051403

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User Test Group

METALS

PCBS

00051404

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[illegible]

00051405

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-HBS-2

Central Creek

CL-HBS-2 (2)

18-OCT-00

.5 - 1

Sample Depth:

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Calcium	mg/kg											1880			-99	-99
Chromium	mg/kg											14.7			-99	-99
Cobalt	mg/kg											27.8			-99	-99
Copper	mg/kg											10.3			-99	-99
Cyanide, Total	mg/kg															
Iron	mg/kg											14300			-99	-99
Lead	mg/kg											15.8			-99	-99
Magnesium	mg/kg											1270			-99	-99
Manganese	mg/kg											248			-99	-99
Mercury	mg/kg											0.115			-99	-99
Molybdenum	mg/kg															
Nickel	mg/kg											21.1			-99	-99
Potassium	mg/kg											1150			-99	-99
Selenium	mg/kg											1.27			0.5	-99
Silver	mg/kg											0.5	<	U	0.5	-99
Sodium	mg/kg															
Strontium	mg/kg											38			-99	-99
Thallium	mg/kg											1	<	U	1	-99
Vanadium	mg/kg											33.4			-99	-99
Zinc	mg/kg											66.2			-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

00051406

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PCBS

00051407

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-HBS-4

Central Creek

CL-HBS-4 (2)

18-OCT-00

.5 - 1

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
ETALS																
Calcium	mg/kg	1560			-99	-99						2650			-99	-99
Chromium	mg/kg	8.46			-99	-99						15.1			-99	-99
Cobalt	mg/kg	7.92			-99	-99						14.3			-99	-99
Copper	mg/kg	8.79			-99	-99						14.6			-99	-99
Cyanide, Total	mg/kg															
Iron	mg/kg	9650			-99	-99						17500			-99	-99
Lead	mg/kg	12.9			-99	-99						23.2			-99	-99
Magnesium	mg/kg	825			-99	-99						1540			-99	-99
Manganese	mg/kg	250			-99	-99						396			-99	-99
Mercury	mg/kg	0.096			-99	-99						0.231			-99	-99
Molybdenum	mg/kg															
Nickel	mg/kg	14.1			-99	-99						20.7			-99	-99
Potassium	mg/kg	611			-99	-99						1110			-99	-99
Selenium	mg/kg	0.5	<	U	0.5	-99						1.28			0.5	-99
Silver	mg/kg	0.5	<	U	0.5	-99						0.5	<	U	0.5	-99
Sodium	mg/kg															
Strontium	mg/kg	28.9			-99	-99						50.7			-99	-99
Thallium	mg/kg	1	<	U	1	-99						1	<	U	1	-99
Vanadium	mg/kg	15.3			-99	-99						26.4			-99	-99
Zinc	mg/kg	52.3			-99	-99						82.4			-99	-99

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

00051408

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[illegible]

00051409

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PCBS

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

Report Date: 11/15/04

User Test Group

Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

GPCSD09

Central Creek

GPCSD09-981203

03-DEC-98

.0 - 0

Parameter	Units	Result	Qual	VQ	RL	MDL
METALS						
Calcium	mg/kg					
Chromium	mg/kg					
Cobalt	mg/kg					
Copper	mg/kg					
Cyanide, Total	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	.041	<	U	.041	.041
Aroclor 1221	mg/kg	.082	<	U	.082	.082
Aroclor 1232	mg/kg	.041	<	U	.041	.041
Aroclor 1242	mg/kg	.041	<	U	.041	.041
Aroclor 1248	mg/kg	.041	<	U	.041	.041
Aroclor 1254	mg/kg	.041	<	U	.041	.041
Aroclor 1260	mg/kg	.041	<	U	.041	.041

00051411

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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11SD14

Central Creek

C940823-11SD14-QC00

23-AUG-94

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

ug/kg

ug/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

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mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

 $\sigma/k\sigma$ $m\sigma/k\sigma$

mg/kg

mg/kg

00051412

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD03

Central Creek

12SD03(0-0.5)

03-MAY-93

.0 - 0.5

RC

STICIDES	
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
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

00051413

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD06

Central Creek

12SD06(000.0)

18-FEB-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

ug/kg

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde
Endrin ketone

[illegible]

00051414

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD08

Central Creek

12SD08(000.0)QC

18-FEB-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

ug/kg

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
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

00051415

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD11

Central Creek

12SD11 (000.0)

15-MAR-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

ug/kg

Endrin ketone	mg/kg

Endrin ketone	mg/kg

00051416

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD14

Central Creek

12SD14(000.0)

02-MAR-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

ug/kg

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde
Endrin ketone

[illegible]

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD15					12SD15					12SD16				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD15					12SD15QC					12SD16				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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
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	.0044	<	U	.0044	.0044	.0044	<	U	.0044	.0044					
4,4'-DDE	mg/kg	.0044	<	U	.0044	.0044	.0044	<	U	.0044	.0044					
4,4'-DDT	mg/kg	.0044	<	U	.0044	.0044	.0044	<	U	.0044	.0044					
Aldrin	mg/kg	.0022	<	U	.0022	.0022	.0022	<	U	.0022	.0022					
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	.044	<	U	.044	.044	.044	<	U	.044	.044					
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.0044	<	U	.0044	.0044	.0044	<	U	.0044	.0044					
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.0022	<	U	.0022	.0022	.0022	<	U	.0022	.0022					
Endosulfan II	mg/kg	.0044	<	U	.0044	.0044	.0044	<	U	.0044	.0044					
Endosulfan Sulfate	mg/kg	.0044	<	U	.0044	.0044	.0044	<	U	.0044	.0044					
Endrin	mg/kg	.0044	<	U	.0044	.0044	.0044	<	U	.0044	.0044					
Endrin aldehyde	mg/kg	.0044	<	U	.0044	.0044	.0044	<	U	.0044	.0044					
Endrin ketone	mg/kg	.0044	<	U	.0044	.0044	.0044	<	U	.0044	.0044					

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

Report Date: 11/15/04

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User Test Group	Location Code:	12SD17					12SD18					12SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD17					12SD18					12SD19				
	Sample Date:	06-OCT-98					06-OCT-98					07-OCT-98				
	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
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	.0066	<	U	.0066	.0066						.0049	<	U	.0049	.0049
4,4'-DDE	mg/kg	.0066	<	U	.0066	.0066						.0049	<	U	.0049	.0049
4,4'-DDT	mg/kg	.0066	<	U	.0066	.0066						.0049	<	U	.0049	.0049
Aldrin	mg/kg	.0033	<	U	.0033	.0033						.0024	<	U	.0024	.0024
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	.066	<	U	.066	.066						.049	<	U	.049	.049
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.0066	<	U	.0066	.0066						.0049	<	U	.0049	.0049
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.0033	<	U	.0033	.0033						.0024	<	U	.0024	.0024
Endosulfan II	mg/kg	.0066	<	U	.0066	.0066						.0049	<	U	.0049	.0049
Endosulfan Sulfate	mg/kg	.0066	<	U	.0066	.0066						.0049	<	U	.0049	.0049
Endrin	mg/kg	.0066	<	U	.0066	.0066						.0049	<	U	.0049	.0049
Endrin aldehyde	mg/kg	.0066	<	U	.0066	.0066						.0049	<	U	.0049	.0049
Endrin ketone	mg/kg	.0066	<	U	.0066	.0066						.0049	<	U	.0049	.0049

00051419

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD03

Central Creek

29SD03(0.5)

29-APR-93

.0 - 0.5

<i>RL</i>	<i>MDL</i>

ug/kg

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde
Endrin ketone

[illegible]

00051420

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD06

Central Creek

29SD06(0.5)

28-APR-93

.0 - 0.5

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

ug/kg

Endrin ketone	mg/kg

Endrin ketone	mg/kg

00051421

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Longhorn Army Ammunition Plant, Karnack, Texas

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29SD08

Central Creek

29SD08(0-0.5)QC

28-APR-93

.0 - 0.5

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

ug/kg

Endrin ketone	mg/kg

Endrin ketone	mg/kg

00051422

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD19

Central Creek

29SD19 (000.0)

22-FEB-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

ug/kg

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde
Endrin ketone

[illegible]

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD20					29SD21					29SD23				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD20(000.0)					29SD21 (000.0)					29SD23				
	Sample Date:	01-MAR-95					22-FEB-95					06-OCT-98				
	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
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											.0045	<	U	.0045	.0045
4,4'-DDE	mg/kg											.0045	<	U	.0045	.0045
4,4'-DDT	mg/kg											.0045	<	U	.0045	.0045
Aldrin	mg/kg											.0022	<	U	.0022	.0022
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											.045	<	U	.045	.045
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg											.0045	<	U	.0045	.0045
Dinoseb	mg/kg															
Endosulfan I	mg/kg											.0022	<	U	.0022	.0022
Endosulfan II	mg/kg											.0045	<	U	.0045	.0045
Endosulfan Sulfate	mg/kg											.0045	<	U	.0045	.0045
Endrin	mg/kg											.0045	<	U	.0045	.0045
Endrin aldehyde	mg/kg											.0045	<	U	.0045	.0045
Endrin ketone	mg/kg											.0045	<	U	.0045	.0045

00051424

Central Creek Watershed
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29SD28

Central Creek

29SD28

06-OCT-98

.0 - 0

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

Perchlorate ug/kg

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
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

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-1					CL-CCS-1					CL-CCS-1				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-1 (1)					CL-CCS-1(1)					CL-CCS-1 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PERC																
Perchlorate	ug/kg	110	<	U	110	45						40	<	U	40	17
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,4,5-T	mg/kg	.218	<	U	.218	-99						.1	<	U	.1	-99
2,4,5-TP (Silvex)	mg/kg	.0435	<	U	.0435	-99						.02	<	U	.02	-99
2,4-D	mg/kg	1.31	<	U	1.31	-99						.6	<	U	.6	-99
4,4'-DDD	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99
4,4'-DDE	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99
4,4'-DDT	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99
Aldrin	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99
Aroclor 1016	mg/kg	.152	<	U	.152	-99						.07	<	U	.07	-99
Aroclor 1221	mg/kg	.152	<	U	.152	-99						.07	<	U	.07	-99
Aroclor 1232	mg/kg	.152	<	U	.152	-99						.07	<	U	.07	-99
Aroclor 1242	mg/kg	.152	<	U	.152	-99						.07	<	U	.07	-99
Aroclor 1248	mg/kg	.152	<	U	.152	-99						.07	<	U	.07	-99
Aroclor 1254	mg/kg	.152	<	U	.152	-99						.07	<	U	.07	-99
Aroclor 1260	mg/kg	.152	<	U	.152	-99						.07	<	U	.07	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.087	<	U	.087	-99						.04	<	U	.04	-99
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99
Dinoseb	mg/kg	.653	<	U	.653	-99						.3	<	U	.3	-99
Endosulfan I	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99
Endosulfan II	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99
Endosulfan Sulfate	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99
Endrin	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99
Endrin aldehyde	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99
Endrin ketone	mg/kg	.0087	<	U	.0087	-99						.004	<	U	.004	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-2					CL-CCS-2					CL-CCS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-2 (1)					CL-CCS-2 (1)QC					CL-CCS-2 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PERC																
Perchlorate	ug/kg	96	<	U	96	40	150	<	U	150	62	40	<	U	40	17
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,4,5-T	mg/kg	.152	<	U	.152	-99	.278	<	U	.278	-99	.098	<	U	.098	-99
2,4,5-TP (Silvex)	mg/kg	.0303	<	U	.0303	-99	.0556	<	U	.0556	-99	.0196	<	U	.0196	-99
2,4-D	mg/kg	.909	<	U	.909	-99	1.67	<	U	1.67	-99	.588	<	U	.588	-99
4,4'-DDD	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99
4,4'-DDE	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99
4,4'-DDT	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99
Aldrin	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99
Aroclor 1016	mg/kg	.106	<	U	.106	-99	.195	<	U	.195	-99	.0686	<	U	.0686	-99
Aroclor 1221	mg/kg	.106	<	U	.106	-99	.195	<	U	.195	-99	.0686	<	U	.0686	-99
Aroclor 1232	mg/kg	.106	<	U	.106	-99	.195	<	U	.195	-99	.0686	<	U	.0686	-99
Aroclor 1242	mg/kg	.106	<	U	.106	-99	.195	<	U	.195	-99	.0686	<	U	.0686	-99
Aroclor 1248	mg/kg	.106	<	U	.106	-99	.195	<	U	.195	-99	.0686	<	U	.0686	-99
Aroclor 1254	mg/kg	.106	<	U	.106	-99	.195	<	U	.195	-99	.0686	<	U	.0686	-99
Aroclor 1260	mg/kg	.106	<	U	.106	-99	.195	<	U	.195	-99	.0686	<	U	.0686	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.0606	<	U	.0606	-99	.111	<	U	.111	-99	.0392	<	U	.0392	-99
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99
Dinoseb	mg/kg	.455	<	U	.455	-99	.834	<	U	.834	-99	.294	<	U	.294	-99
Endosulfan I	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99
Endosulfan II	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99
Endosulfan Sulfate	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99
Endrin	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99
Endrin aldehyde	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99
Endrin ketone	mg/kg	.00606	<	U	.00606	-99	.0111	<	U	.0111	-99	.00392	<	U	.00392	-99

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

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User Test Group	Location Code:	CL-HBS-1					CL-HBS-1					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-1 (1)					CL-HBS-1 (2)					CL-HBS-2 (1)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PERC																
Perchlorate	ug/kg	59	<	U	59	24	35	<	U	35	15	190	<	U	190	80
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,4,5-T	mg/kg	.25	<	U	.25	-99	.086	<	U	.086	-99	.185	<	U	.185	-99
2,4,5-TP (Silvex)	mg/kg	.05	<	U	.05	-99	.0172	<	U	.0172	-99	.037	<	U	.037	-99
2,4-D	mg/kg	1.5	<	U	1.5	-99	.516	<	U	.516	-99	1.11	<	U	1.11	-99
4,4'-DDD	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99
4,4'-DDE	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99
4,4'-DDT	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99
Aldrin	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99
Aroclor 1016	mg/kg	.175	<	U	.175	-99	.0602	<	U	.0602	-99	.13	<	U	.13	-99
Aroclor 1221	mg/kg	.175	<	U	.175	-99	.0602	<	U	.0602	-99	.13	<	U	.13	-99
Aroclor 1232	mg/kg	.175	<	U	.175	-99	.0602	<	U	.0602	-99	.13	<	U	.13	-99
Aroclor 1242	mg/kg	.175	<	U	.175	-99	.0602	<	U	.0602	-99	.13	<	U	.13	-99
Aroclor 1248	mg/kg	.175	<	U	.175	-99	.0602	<	U	.0602	-99	.13	<	U	.13	-99
Aroclor 1254	mg/kg	.175	<	U	.175	-99	.0602	<	U	.0602	-99	.13	<	U	.13	-99
Aroclor 1260	mg/kg	.175	<	U	.175	-99	.0602	<	U	.0602	-99	.13	<	U	.13	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.1	<	U	.1	-99	.0344	<	U	.0344	-99	.074	<	U	.074	-99
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99
Dinoseb	mg/kg	.75	<	U	.75	-99	.258	<	U	.258	-99	.555	<	U	.555	-99
Endosulfan I	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99
Endosulfan II	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99
Endosulfan Sulfate	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99
Endrin	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99
Endrin aldehyde	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99
Endrin ketone	mg/kg	.01	<	U	.01	-99	.00344	<	U	.00344	-99	.0074	<	U	.0074	-99

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

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User Test Group	Location Code:	CL-HBS-2					CL-HBS-2					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-2(1)					CL-HBS-2(1)QC					CL-HBS-2 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PERC																
Perchlorate	ug/kg											55	<	U	55	23
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,4,5-T	mg/kg											.102	<	U	.102	-99
2,4,5-TP (Silvex)	mg/kg											.0204	<	U	.0204	-99
2,4-D	mg/kg											.612	<	U	.612	-99
4,4'-DDD	mg/kg											.00408	<	U	.00408	-99
4,4'-DDE	mg/kg											.00408	<	U	.00408	-99
4,4'-DDT	mg/kg											.00408	<	U	.00408	-99
Aldrin	mg/kg											.00408	<	U	.00408	-99
Aroclor 1016	mg/kg											.0714	<	U	.0714	-99
Aroclor 1221	mg/kg											.0714	<	U	.0714	-99
Aroclor 1232	mg/kg											.0714	<	U	.0714	-99
Aroclor 1242	mg/kg											.0714	<	U	.0714	-99
Aroclor 1248	mg/kg											.0714	<	U	.0714	-99
Aroclor 1254	mg/kg											.0714	<	U	.0714	-99
Aroclor 1260	mg/kg											.0714	<	U	.0714	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg											.0408	<	U	.0408	-99
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg											.00408	<	U	.00408	-99
Dinoseb	mg/kg											.306	<	U	.306	-99
Endosulfan I	mg/kg											.00408	<	U	.00408	-99
Endosulfan II	mg/kg											.00408	<	U	.00408	-99
Endosulfan Sulfate	mg/kg											.00408	<	U	.00408	-99
Endrin	mg/kg											.00408	<	U	.00408	-99
Endrin aldehyde	mg/kg											.00408	<	U	.00408	-99
Endrin ketone	mg/kg											.00408	<	U	.00408	-99

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

Report Date: 11/15/04

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User Test Group	Location Code:	CL-HBS-3					CL-HBS-3					CL-HBS-3				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-3 (1)					CL-HBS-3 (1)QC					CL-HBS-3 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PERC																
Perchlorate	ug/kg	32	<	U	32	13	50	<	U	50	21	29	<	U	29	12
PESTICIDES																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,4,5-T	mg/kg	.091	<	U	.091	-99	.0925	<	U	.0925	-99	.05	<	U	.05	-99
2,4,5-TP (Silvex)	mg/kg	.0182	<	U	.0182	-99	.0185	<	U	.0185	-99	.01	<	U	.01	-99
2,4-D	mg/kg	.546	<	U	.546	-99	.555	<	U	.555	-99	.3	<	U	.3	-99
4,4'-DDD	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99
4,4'-DDE	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99
4,4'-DDT	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99
Aldrin	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99
Aroclor 1016	mg/kg	.0637	<	U	.0637	-99	.0648	<	U	.0648	-99	.0487	<	U	.0487	-99
Aroclor 1221	mg/kg	.0637	<	U	.0637	-99	.0648	<	U	.0648	-99	.0487	<	U	.0487	-99
Aroclor 1232	mg/kg	.0637	<	U	.0637	-99	.0648	<	U	.0648	-99	.0487	<	U	.0487	-99
Aroclor 1242	mg/kg	.0637	<	U	.0637	-99	.0648	<	U	.0648	-99	.0487	<	U	.0487	-99
Aroclor 1248	mg/kg	.0637	<	U	.0637	-99	.0648	<	U	.0648	-99	.0487	<	U	.0487	-99
Aroclor 1254	mg/kg	.0637	<	U	.0637	-99	.0648	<	U	.0648	-99	.0487	<	U	.0487	-99
Aroclor 1260	mg/kg	.0637	<	U	.0637	-99	.0648	<	U	.0648	-99	.0487	<	U	.0487	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.0364	<	U	.0364	-99	.037	<	U	.037	-99	.02	<	U	.02	-99
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99
Dinoseb	mg/kg	.273	<	U	.273	-99	.278	<	U	.278	-99	.15	<	U	.15	-99
Endosulfan I	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99
Endosulfan II	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99
Endosulfan Sulfate	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99
Endrin	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99
Endrin aldehyde	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99
Endrin ketone	mg/kg	.00364	<	U	.00364	-99	.0037	<	U	.0037	-99	.002	<	U	.002	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-4					CL-HBS-4					CL-HBS-4				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-4 (1)					CL-HBS-4(1)					CL-HBS-4 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PERC																
Perchlorate	ug/kg	150	<	U	150	62						48	<	U	48	20
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						.209	<	U	.209	-99
2,4,5-TP (Silvex)	mg/kg	.0385	<	U	.0385	-99						.0417	<	U	.0417	-99
2,4-D	mg/kg	1.16	<	U	1.16	-99						1.25	<	U	1.25	-99
4,4'-DDD	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99
4,4'-DDE	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99
4,4'-DDT	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99
Aldrin	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99
Aroclor 1016	mg/kg	.135	<	U	.135	-99						.146	<	U	.146	-99
Aroclor 1221	mg/kg	.135	<	U	.135	-99						.146	<	U	.146	-99
Aroclor 1232	mg/kg	.135	<	U	.135	-99						.146	<	U	.146	-99
Aroclor 1242	mg/kg	.135	<	U	.135	-99						.146	<	U	.146	-99
Aroclor 1248	mg/kg	.135	<	U	.135	-99						.146	<	U	.146	-99
Aroclor 1254	mg/kg	.135	<	U	.135	-99						.146	<	U	.146	-99
Aroclor 1260	mg/kg	.135	<	U	.135	-99						.146	<	U	.146	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.077	<	U	.077	-99						.0834	<	U	.0834	-99
Chlorpyrifos	mg/kg															
Dieldrin	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99
Dinoseb	mg/kg	.578	<	U	.578	-99						.626	<	U	.626	-99
Endosulfan I	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99
Endosulfan II	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99
Endosulfan Sulfate	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99
Endrin	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99
Endrin aldehyde	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99
Endrin ketone	mg/kg	.0077	<	U	.0077	-99						.00834	<	U	.00834	-99

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User Test Group

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

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD09					
	Associated Site:	Central Creek					
	Sample No:	GPCSD09-981203					
	Sample Date:	03-DEC-98					
	Sample Depth:	.0 - 0					
Parameter	Units	Result	Qual	VQ	RL	MDL	
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	.0041	<	U	.0041	.0041	
4,4'-DDE	mg/kg	.0041	<	U	.0041	.0041	
4,4'-DDT	mg/kg	.0041	<	U	.0041	.0041	
Aldrin	mg/kg	.002	<	U	.002	.002	
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	.041	<	U	.041	.041	
Chlorpyrifos	mg/kg						
Dieldrin	mg/kg	.0041	<	U	.0041	.0041	
Dinoseb	mg/kg						
Endosulfan I	mg/kg	.002	<	U	.002	.002	
Endosulfan II	mg/kg	.0041	<	U	.0041	.0041	
Endosulfan Sulfate	mg/kg	.0041	<	U	.0041	.0041	
Endrin	mg/kg	.0041	<	U	.0041	.0041	
Endrin aldehyde	mg/kg	.0041	<	U	.0041	.0041	
Endrin ketone	mg/kg	.0041	<	U	.0041	.0041	

00051434

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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11SD14

Central Creek

C940823-11SD14-QC00

23-AUG-94

.0 - 0

Sample Depth:

RL	MDL

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
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

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

00051435

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD03

Central Creek

12SD03(0-0.5)

03-MAY-93

.0 - 0.5

MDL

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

-99

-99

-99

-99

-99

-99

mg/kg

00051437

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Longhorn Army Ammunition Plant, Karnack, Texas

12SD07

12SD08

12SD08

Central Creek

Central Creek

Central Creek

12SD07(000.0)

12SD08(000.0)

12SD08(000.0)QC

18-FEB-95

18-FEB-95

18-FEB-95

.0 - 0

.0 - 0

.0 - 0

<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
PESTICIDES																

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
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

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

00051438

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD11

Central Creek

12SD11 (000.0)

15-MAR-95

.0 - 0

RL	MDL

Heptachlor
 Heptachlor epoxide
 Hexachlorobenzene
 METHOXYCHLOR
 MIREX
 Polychlorinated biphenyls, N.O.S.
 Toxaphene
 alpha-BHC
 alpha-Chlordane
 beta-BHC
 cis-nonachlor
 delta-BHC
 gamma-BHC (Lindane)
 gamma-CHLORDANE
 o,p'-DDD
 o,p'-DDE
 o,p'-DDT
 oxychlordane
 pentachloro-anisole
 trans-NONACHLOR

1,2,4,5-Tetrachloro-benzene
1,2,4-Trichlorobenzene
1,2-Dichlorobenzene
1,2-Diphenylhydrazine
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1-Chloronaphthalene
1-Naphthylamine

00051439

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD14

Central Creek

12SD14(000.0)

02-MAR-95

.0 - 0

<i>RL</i>	<i>MDL</i>

Heptachlor
 Heptachlor epoxide
 Hexachlorobenzene
 METHOXYCHLOR
 MIREX
 Polychlorinated biphenyls, N.O.S.
 Toxaphene
 alpha-BHC
 alpha-Chlordane
 beta-BHC
 cis-nonachlor
 delta-BHC
 gamma-BHC (Lindane)
 gamma-CHLORDANE
 o,p'-DDD
 o,p'-DDE
 o,p'-DDT
 oxychlordane
 pentachloro-anisole
 trans-NONACHLOR

1,2,4,5-Tetrachloro-benzene
1,2,4-Trichlorobenzene
1,2-Dichlorobenzene
1,2-Diphenylhydrazine
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1-Chloronaphthalene
1-Naphthylamine

00051440

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[illegible]

00051441

Longhorn Army Ammunition Plant, Karnack, Texas

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12SD19

Central Creek

12SD19

07-OCT-98

.0 - 0

[illegible][illegible]

00051442

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD03

Central Creek

29SD03(0.5)

29-APR-93

.0 - 0.5

VC

MDL

mg/kg

mg/kg

-99

.40

1.9

.40

.40

.80

00051443

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD06

Central Creek

29SD06(0.5)

28-APR-93

.0 - 0.5

<i>RL</i>	<i>MDL</i>

Heptachlor
 Heptachlor epoxide
 Hexachlorobenzene
 METHOXYCHLOR
 MIREX
 Polychlorinated biphenyls, N.O.S.
 Toxaphene
 alpha-BHC
 alpha-Chlordane
 beta-BHC
 cis-nonachlor
 delta-BHC
 gamma-BHC (Lindane)
 gamma-CHLORDANE
 o,p'-DDD
 o,p'-DDE
 o,p'-DDT
 oxychlordane
 pentachloro-anisole
 trans-NONACHLOR

1,2,4,5-Tetrachloro-benzene
1,2,4-Trichlorobenzene
1,2-Dichlorobenzene
1,2-Diphenylhydrazine
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1-Chloronaphthalene
1-Naphthylamine

00051444

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD08

Central Creek

29SD08(0-0.5)QC

28-APR-93

.0 - 0.5

[illegible]

SEMI-VOLATILES

[illegible]

00051445

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD19

Central Creek

29SD19 (000.0)

22-FEB-95

.0 - 0

<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
STICIDES																

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
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

[illegible]

00051446

Central Creek Watershed

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29SD23

Central Creek

29SD23

06-OCT-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

.0022	<	U	.0022	.0022
.0022	<	U	.0022	.0022
.022	<	U	.022	.022
.045	<	U	.045	.045
.0022	<	U	.0022	.0022
.0022	<	U	.0022	.0022
.0022	<	U	.0022	.0022
.0022	<	U	.0022	.0022

.45	<	U	.45	.45
.45	<	U	.45	.45
.45	<	U	.45	.45
.45	<	U	.45	.45

00051448

Longhorn Army Ammunition Plant, Karnack, Texas

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CL-CCS-1

Central Creek

CL-CCS-1 (2)

19-OCT-00

.5 - 1

 $al \quad VO$

Units

[illegible]

00051449

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-CCS-2

Central Creek

CL-CCS-2 (2)

19-OCT-00

.5 - 1

[illegible][illegible]

00051450

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[illegible]

00051451

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-HBS-2

Central Creek

CL-HBS-2 (2)

18-OCT-00

.5 - 1

[illegible]

1,2,4,5-Tetrachloro-benzene	mg/kg	.347	<	U	.347	-99
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					

00051452

Longhorn Army Ammunition Plant, Karnack, Texas

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CL-HBS-3

Central Creek

CL-HBS-3 (2)

18-OCT-00

.5 - 1

Sample Depth:

[illegible]

00051453

Longhorn Army Ammunition Plant, Karnack, Texas

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CL-HBS-4

Central Creek

CL-HBS-4 (2)

18-OCT-00

.5 - 1

Sample Depth:

[illegible]

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

Report Date: 11/15/04

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User Test Group	Location Code:	FWS-118					FWS-180					FWS-182				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR118					CLNWR180					CLNWR182				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Heptachlor	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
Heptachlor epoxide	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
Hexachlorobenzene	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
Polychlorinated biphenyls, N.O.S.	mg/kg	.00839		nv	.00268		.022		nv	.0019		.012		nv	.00236	
Toxaphene	mg/kg	.00268	<	nv	.00268		.0019	<	nv	.0019		.00236	<	nv	.00236	
alpha-BHC	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
alpha-Chlordane	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
beta-BHC	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
cis-nonachlor	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
delta-BHC	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
gamma-BHC (Lindane)	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
gamma-CHLORDANE	mg/kg															
o,p'-DDD	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
o,p'-DDE	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
o,p'-DDT	mg/kg	.000536	<	nv	.000536		.000548		nv	.00038		.000473	<	nv	.000473	
oxychlordane	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
pentachloro-anisole	mg/kg	.000536	<	nv	.000536		.00038	<	nv	.00038		.000473	<	nv	.000473	
trans-NONACHLOR	mg/kg	.000536	<	nv	.000536		.000679		nv	.00038		.000685		nv	.000473	
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
1,2,4-Trichlorobenzene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
1,2-Dichlorobenzene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0821		nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
1,4-Dichlorobenzene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
1-Chloronaphthalene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
1-Naphthylamine	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	

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

Report Date: 11/15/04

User Test Group	Location Code:	FWS-215					FWS-224					GPCSD09				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR215					CLNWR224					GPCSD09-981111				
	Sample Date:	09-SEP-03					09-SEP-03					11-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Heptachlor	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
Heptachlor epoxide	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
Hexachlorobenzene	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
Polychlorinated biphenyls, N.O.S.	mg/kg	.00253		nv	.00174		.0171		nv	.0021						
Toxaphene	mg/kg	.00174	<	nv	.00174		.0021	<	nv	.0021						
alpha-BHC	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
alpha-Chlordane	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
beta-BHC	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
cis-nonachlor	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
delta-BHC	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
gamma-BHC (Lindane)	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
gamma-CHLORDANE	mg/kg															
o,p'-DDD	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
o,p'-DDE	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
o,p'-DDT	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
oxychlordane	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
pentachloro-anisole	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
trans-NONACHLOR	mg/kg	.000348	<	nv	.000348		.00042	<	nv	.00042						
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
1,2,4-Trichlorobenzene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
1,2-Dichlorobenzene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
1,4-Dichlorobenzene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
1-Chloronaphthalene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
1-Naphthylamine	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						

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

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD09					
	Associated Site:	Central Creek					
	Sample No:	GPCSD09-981203					
	Sample Date:	03-DEC-98					
	Sample Depth:	.0 - 0					
Parameter	Units	Result	Qual	VQ	RL	MDL	
PESTICIDES							
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	.041	<	U	.041	.041	
alpha-BHC	mg/kg	.002	<	U	.002	.002	
alpha-Chlordane	mg/kg						
beta-BHC	mg/kg	.002	<	U	.002	.002	
cis-nonachlor	mg/kg						
delta-BHC	mg/kg	.002	<	U	.002	.002	
gamma-BHC (Lindane)	mg/kg	.002	<	U	.002	.002	
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						
1,2-Diphenylhydrazine	mg/kg						
1,3-Dichlorobenzene	mg/kg						
1,4-Dichlorobenzene	mg/kg						
1-Chloronaphthalene	mg/kg						
1-Naphthylamine	mg/kg						

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

Report Date: 11/15/04

User Test Group	Location Code:	11SD14					11SD14					11SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	LH11-SD14					C940823-11SD14-N00					C940823-11SD14-QC00				
	Sample Date:	31-MAR-93					23-AUG-94					23-AUG-94				
	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																
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.65	<	U	1.65	-99	.4	<	U	.4		.45	<	U	.45	
2,4,6-Trichlorophenol	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
2,4-Dichlorophenol	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
2,4-Dimethylphenol	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
2,4-Dinitrophenol	mg/kg	1.65	<	U	1.65	-99	1.01	<	U	1.01		1.13	<	U	1.13	
2,4-Dinitrotoluene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
2-Chloronaphthalene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
2-Chlorophenol	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
2-Methylnaphthalene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
2-Methylphenol	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.01	<	U	1.01		1.13	<	U	1.13	
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	1.01	<	U	1.01		1.13	<	U	1.13	
4,6-Dinitro-2-methylphenol	mg/kg	1.65	<	U	1.65	-99	1.01	<	U	1.01		1.13	<	U	1.13	
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	<	U	.4		.45	<	U	.45	
4-Chloroaniline	mg/kg	.65	<	U	.65	-99	.4	<	U	.4		.45	<	U	.45	
4-Chlorophenyl phenyl ether	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
4-Methylphenol	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
4-Nitroaniline	mg/kg	1.65	<	U	1.65	-99	1.01	<	U	1.01		1.13	<	U	1.13	
4-Nitrophenol	mg/kg	1.65	<	U	1.65	-99	1.01	<	U	1.01		1.13	<	U	1.13	

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD01					12SD02					12SD03				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD01					12SD02					12SD03(0-0.5)				
	Sample Date:	22-APR-93					22-APR-93					03-MAY-93				
	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																
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2.133	<	U	2.133	-99	2.051	<	U	2.051	-99	3.81	<	U	3.81	-99
2,4,6-Trichlorophenol	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
2,4-Dichlorophenol	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
2,4-Dimethylphenol	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
2,4-Dinitrophenol	mg/kg	2.133	<	U	2.133	-99	2.051	<	U	2.051	-99	3.81	<	U	3.81	-99
2,4-Dinitrotoluene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
2-Chloronaphthalene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
2-Chlorophenol	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
2-Methylnaphthalene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
2-Methylphenol	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.133	<	U	2.133	-99	2.051	<	U	2.051	-99	3.81	<	U	3.81	-99
2-Nitrophenol	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.88	<	U	.88	-99	.846	<	U	.846	-99	1.571	<	U	1.571	-99
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.133	<	U	2.133	-99	2.051	<	U	2.051	-99	3.81	<	U	3.81	-99
4,6-Dinitro-2-methylphenol	mg/kg	2.133	<	U	2.133	-99	2.051	<	U	2.051	-99	3.81	<	U	3.81	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
4-Chloro-3-methylphenol	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
4-Chloroaniline	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
4-Chlorophenyl phenyl ether	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
4-Methylphenol	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
4-Nitroaniline	mg/kg	2.133	<	U	2.133	-99	2.051	<	U	2.051	-99	3.81	<	U	3.81	-99
4-Nitrophenol	mg/kg	2.133	<	U	2.133	-99	2.051	<	U	2.051	-99	3.81	<	U	3.81	-99

00051459

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD06

Central Creek

12SD06(000.0)

18-FEB-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

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mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

00051460

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD08

Central Creek

12SD08(000.0)QC

18-FEB-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

00051461

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD11

Central Creek

12SD11 (000.0)

15-MAR-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

00051462

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD14

Central Creek

12SD14(000.0)

02-MAR-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD15					12SD15					12SD16				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD15					12SD15QC					12SD16				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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																
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.1	<	U	1.1	1.1	1.1	<	UJ	1.1	1.1					
2,4,6-Trichlorophenol	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
2,4-Dichlorophenol	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
2,4-Dimethylphenol	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
2,4-Dinitrophenol	mg/kg	1.1	<	U	1.1	1.1	1.1	<	UJ	1.1	1.1					
2,4-Dinitrotoluene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
2-Chloronaphthalene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
2-Chlorophenol	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
2-Methylnaphthalene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
2-Methylphenol	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.1	<	U	1.1	1.1	1.1	<	UJ	1.1	1.1					
2-Nitrophenol	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.1	<	U	1.1	1.1	1.1	<	UJ	1.1	1.1					
4,6-Dinitro-2-methylphenol	mg/kg	1.1	<	U	1.1	1.1	1.1	<	UJ	1.1	1.1					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
4-Chloro-3-methylphenol	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
4-Chloroaniline	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
4-Chlorophenyl phenyl ether	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
4-Methylphenol	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
4-Nitroaniline	mg/kg	1.1	<	U	1.1	1.1	1.1	<	UJ	1.1	1.1					
4-Nitrophenol	mg/kg	1.1	<	U	1.1	1.1	1.1	<	UJ	1.1	1.1					

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD17					12SD18					12SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD17					12SD18					12SD19				
	Sample Date:	06-OCT-98					06-OCT-98					07-OCT-98				
	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																
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.6	<	U	1.6	1.6						1.2	<	U	1.2	1.2
2,4,6-Trichlorophenol	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
2,4-Dichlorophenol	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
2,4-Dimethylphenol	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
2,4-Dinitrophenol	mg/kg	1.6	<	U	1.6	1.6						1.2	<	U	1.2	1.2
2,4-Dinitrotoluene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
2-Chloronaphthalene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
2-Chlorophenol	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
2-Methylnaphthalene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
2-Methylphenol	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.6	<	U	1.6	1.6						1.2	<	U	1.2	1.2
2-Nitrophenol	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.6	<	U	1.6	1.6						1.2	<	U	1.2	1.2
4,6-Dinitro-2-methylphenol	mg/kg	1.6	<	U	1.6	1.6						1.2	<	U	1.2	1.2
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
4-Chloro-3-methylphenol	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
4-Chloroaniline	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
4-Chlorophenyl phenyl ether	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
4-Methylphenol	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
4-Nitroaniline	mg/kg	1.6	<	U	1.6	1.6						1.2	<	U	1.2	1.2
4-Nitrophenol	mg/kg	1.6	<	U	1.6	1.6						1.2	<	U	1.2	1.2

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

Report Date: 11/15/04

User Test Group	Location Code:	12SW01					29SD02					29SD03				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SW01					29SD02(0.5)					29SD03(0.5)				
	Sample Date:	18-APR-93					29-APR-93					29-APR-93				
	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																
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg						2.051	<	U	2.051	-99	1.951	<	U	1.951	-99
2,4,6-Trichlorophenol	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
2,4-Dichlorophenol	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
2,4-Dimethylphenol	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
2,4-Dinitrophenol	mg/kg						2.051	<	U	2.051	-99	1.951	<	U	1.951	-99
2,4-Dinitrotoluene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
2-Chloronaphthalene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
2-Chlorophenol	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
2-Methylnaphthalene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
2-Methylphenol	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						2.051	<	U	2.051	-99	1.951	<	U	1.951	-99
2-Nitrophenol	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.846	<	U	.846	-99	.805	<	U	.805	-99
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						2.051	<	U	2.051	-99	1.951	<	U	1.951	-99
4,6-Dinitro-2-methylphenol	mg/kg						2.051	<	U	2.051	-99	1.951	<	U	1.951	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
4-Chloro-3-methylphenol	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
4-Chloroaniline	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
4-Chlorophenyl phenyl ether	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
4-Methylphenol	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
4-Nitroaniline	mg/kg						2.051	<	U	2.051	-99	1.951	<	U	1.951	-99
4-Nitrophenol	mg/kg						2.051	<	U	2.051	-99	1.951	<	U	1.951	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD04					29SD05					29SD06				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD04(0.5)					29SD05(0.5)					29SD06(0.5)				
	Sample Date:	29-APR-93					29-APR-93					28-APR-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																
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2	<	U	2	-99	2	<	U	2	-99	2.162	<	U	2.162	-99
2,4,6-Trichlorophenol	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
2,4-Dichlorophenol	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
2,4-Dimethylphenol	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
2,4-Dinitrophenol	mg/kg	2	<	U	2	-99	2	<	U	2	-99	2.162	<	U	2.162	-99
2,4-Dinitrotoluene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
2-Chloronaphthalene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
2-Chlorophenol	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
2-Methylnaphthalene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
2-Methylphenol	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2	<	U	2	-99	2	<	U	2	-99	2.162	<	U	2.162	-99
2-Nitrophenol	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.825	<	U	.825	-99	.825	<	U	.825	-99	.892	<	U	.892	-99
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2	<	U	2	-99	2	<	U	2	-99	2.162	<	U	2.162	-99
4,6-Dinitro-2-methylphenol	mg/kg	2	<	U	2	-99	2	<	U	2	-99	2.162	<	U	2.162	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
4-Chloro-3-methylphenol	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
4-Chloroaniline	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
4-Chlorophenyl phenyl ether	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
4-Methylphenol	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
4-Nitroaniline	mg/kg	2	<	U	2	-99	2	<	U	2	-99	2.162	<	U	2.162	-99
4-Nitrophenol	mg/kg	2	<	U	2	-99	2	<	U	2	-99	2.162	<	U	2.162	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD07					29SD08					29SD08				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD07(0.5)					29SD08(0-0.5)					29SD08(0-0.5)QC				
	Sample Date:	28-APR-93					28-APR-93					28-APR-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																
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2.388	<	U	2.388	-99	2.424	<	U	2.424	-99	2.54	<	U	2.54	-99
2,4,6-Trichlorophenol	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
2,4-Dichlorophenol	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
2,4-Dimethylphenol	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
2,4-Dinitrophenol	mg/kg	2.388	<	U	2.388	-99	2.424	<	U	2.424	-99	2.54	<	U	2.54	-99
2,4-Dinitrotoluene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
2-Chloronaphthalene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
2-Chlorophenol	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
2-Methylnaphthalene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
2-Methylphenol	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.388	<	U	2.388	-99	2.424	<	U	2.424	-99	2.54	<	U	2.54	-99
2-Nitrophenol	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.985	<	U	.985	-99	1	<	U	1	-99	1.048	<	U	1.048	-99
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.388	<	U	2.388	-99	2.424	<	U	2.424	-99	2.54	<	U	2.54	-99
4,6-Dinitro-2-methylphenol	mg/kg	2.388	<	U	2.388	-99	2.424	<	U	2.424	-99	2.54	<	U	2.54	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
4-Chloro-3-methylphenol	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
4-Chloroaniline	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
4-Chlorophenyl phenyl ether	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
4-Methylphenol	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
4-Nitroaniline	mg/kg	2.388	<	U	2.388	-99	2.424	<	U	2.424	-99	2.54	<	U	2.54	-99
4-Nitrophenol	mg/kg	2.388	<	U	2.388	-99	2.424	<	U	2.424	-99	2.54	<	U	2.54	-99

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

Report Date: 11/15/04

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Location Code:
Associated Site:
Sample No:
Sample Date:
Sample Depth:

29SD09
 Central Creek
 29SD09(0-0.5)
 28-APR-93
 .0 - 0.5

29SD18
 Central Creek
 29SD18(0-0.5)
 03-MAY-93
 .0 - 0.5

29SD19
 Central Creek
 29SD19 (000.0)
 22-FEB-95
 .0 - 0

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES																
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2.581	<	U	2.581	-99	2.078	<	U	2.078	-99					
2,4,6-Trichlorophenol	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
2,4-Dichlorophenol	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
2,4-Dimethylphenol	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
2,4-Dinitrophenol	mg/kg	2.581	<	U	2.581	-99	2.078	<	U	2.078	-99					
2,4-Dinitrotoluene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
2-Chloronaphthalene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
2-Chlorophenol	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
2-Methylnaphthalene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
2-Methylphenol	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.581	<	U	2.581	-99	2.078	<	U	2.078	-99					
2-Nitrophenol	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	1.065	<	U	1.065	-99	.857	<	U	.857	-99					
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.581	<	U	2.581	-99	2.078	<	U	2.078	-99					
4,6-Dinitro-2-methylphenol	mg/kg	2.581	<	U	2.581	-99	2.078	<	U	2.078	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
4-Chloro-3-methylphenol	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
4-Chloroaniline	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
4-Chlorophenyl phenyl ether	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
4-Methylphenol	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
4-Nitroaniline	mg/kg	2.581	<	U	2.581	-99	2.078	<	U	2.078	-99					
4-Nitrophenol	mg/kg	2.581	<	U	2.581	-99	2.078	<	U	2.078	-99					

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD20					29SD21					29SD23				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD20(000.0)					29SD21 (000.0)					29SD23				
	Sample Date:	01-MAR-95					22-FEB-95					06-OCT-98				
	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																
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg											1.1	<	U	1.1	1.1
2,4,6-Trichlorophenol	mg/kg											.45	<	U	.45	.45
2,4-Dichlorophenol	mg/kg											.45	<	U	.45	.45
2,4-Dimethylphenol	mg/kg											.45	<	U	.45	.45
2,4-Dinitrophenol	mg/kg											1.1	<	U	1.1	1.1
2,4-Dinitrotoluene	mg/kg											.45	<	U	.45	.45
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg											.45	<	U	.45	.45
2-Chloronaphthalene	mg/kg											.45	<	U	.45	.45
2-Chlorophenol	mg/kg											.45	<	U	.45	.45
2-Methylnaphthalene	mg/kg											.45	<	U	.45	.45
2-Methylphenol	mg/kg											.45	<	U	.45	.45
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg											1.1	<	U	1.1	1.1
2-Nitrophenol	mg/kg											.45	<	U	.45	.45
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg											.45	<	U	.45	.45
3,3'-Dimethylbenzidine	mg/kg															
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											.45	<	U	.45	.45
4-Chloro-3-methylphenol	mg/kg											.45	<	U	.45	.45
4-Chloroaniline	mg/kg											.45	<	U	.45	.45
4-Chlorophenyl phenyl ether	mg/kg											.45	<	U	.45	.45
4-Methylphenol	mg/kg											.45	<	U	.45	.45
4-Nitroaniline	mg/kg											1.1	<	U	1.1	1.1
4-Nitrophenol	mg/kg											1.1	<	U	1.1	1.1

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-1					CL-CCS-1					CL-CCS-1				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-1 (1)					CL-CCS-1(1)					CL-CCS-1 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
2,3,4,6-Tetrachlorophenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2,4,5-Trichlorophenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2,4,6-Trichlorophenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2,4-Dichlorophenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2,4-Dimethylphenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2,4-Dinitrophenol	mg/kg	.66	<	U	.66	-99						.66	<	U	.66	-99
2,4-Dinitrotoluene	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2,6-Dichlorophenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2,6-Dinitrotoluene	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2-Chloronaphthalene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
2-Chlorophenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2-Methylnaphthalene	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2-Methylphenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2-Nitrophenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
3,3'-Dimethylbenzidine	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
4,6-Dinitro-2-methylphenol	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
4-Chloro-3-methylphenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
4-Chloroaniline	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
4-Chlorophenyl phenyl ether	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
4-Methylphenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
4-Nitroaniline	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
4-Nitrophenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99

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

Report Date: 11/15/04

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<i>Location Code:</i>	CL-CCS-2	CL-CCS-2
<i>Associated Site:</i>	Central Creek	Central Creek
<i>Sample No:</i>	CL-CCS-2 (1)	CL-CCS-2 (1)QC
<i>Sample Date:</i>	19-OCT-00	19-OCT-00
<i>Sample Depth:</i>	.0 -0.5	.0 -0.5

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES																
2,3,4,6-Tetrachlorophenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2,4,5-Trichlorophenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2,4,6-Trichlorophenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2,4-Dichlorophenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2,4-Dimethylphenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2,4-Dinitrophenol	mg/kg	.66	<	U	.66	-99	.66	<	U	.66	-99	.66	<	U	.66	-99
2,4-Dinitrotoluene	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2,6-Dichlorophenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2,6-Dinitrotoluene	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2-Chloronaphthalene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
2-Chlorophenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2-Methylnaphthalene	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2-Methylphenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2-Nitrophenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.33	<	U	.33	-99
3,3'-Dimethylbenzidine	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.33	<	U	.33	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
4,6-Dinitro-2-methylphenol	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.33	<	U	.33	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
4-Chloro-3-methylphenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
4-Chloroaniline	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
4-Chlorophenyl phenyl ether	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
4-Methylphenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
4-Nitroaniline	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
4-Nitrophenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-1					CL-HBS-1					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-1 (1)					CL-HBS-1 (2)					CL-HBS-2 (1)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
2,3,4,6-Tetrachlorophenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2,4,5-Trichlorophenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2,4,6-Trichlorophenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2,4-Dichlorophenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2,4-Dimethylphenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2,4-Dinitrophenol	mg/kg	3.3	<	U	3.3	-99	1.14	<	U	1.14	-99	2.44	<	U	2.44	-99
2,4-Dinitrotoluene	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2,6-Dichlorophenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2,6-Dinitrotoluene	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2-Chloronaphthalene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
2-Chlorophenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2-Methylnaphthalene	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2-Methylphenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2-Nitrophenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	1.65	<	U	1.65	-99	.568	<	U	.568	-99	1.22	<	U	1.22	-99
3,3'-Dimethylbenzidine	mg/kg	1.65	<	U	1.65	-99	.568	<	U	.568	-99	1.22	<	U	1.22	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
4,6-Dinitro-2-methylphenol	mg/kg	1.65	<	U	1.65	-99	.568	<	U	.568	-99	1.22	<	U	1.22	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
4-Chloro-3-methylphenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
4-Chloroaniline	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
4-Chlorophenyl phenyl ether	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
4-Methylphenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
4-Nitroaniline	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
4-Nitrophenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-2					CL-HBS-2					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-2(1)					CL-HBS-2(1)QC					CL-HBS-2 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
2,3,4,6-Tetrachlorophenol	mg/kg											.347	<	U	.347	-99
2,4,5-Trichlorophenol	mg/kg											.347	<	U	.347	-99
2,4,6-Trichlorophenol	mg/kg											.347	<	U	.347	-99
2,4-Dichlorophenol	mg/kg											.347	<	U	.347	-99
2,4-Dimethylphenol	mg/kg											.347	<	U	.347	-99
2,4-Dinitrophenol	mg/kg											1.35	<	U	1.35	-99
2,4-Dinitrotoluene	mg/kg											.347	<	U	.347	-99
2,6-Dichlorophenol	mg/kg											.347	<	U	.347	-99
2,6-Dinitrotoluene	mg/kg											.347	<	U	.347	-99
2-Chloronaphthalene	mg/kg											.137	<	U	.137	-99
2-Chlorophenol	mg/kg											.347	<	U	.347	-99
2-Methylnaphthalene	mg/kg											.347	<	U	.347	-99
2-Methylphenol	mg/kg											.347	<	U	.347	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg											.347	<	U	.347	-99
2-Nitrophenol	mg/kg											.347	<	U	.347	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg											.673	<	U	.673	-99
3,3'-Dimethylbenzidine	mg/kg											.673	<	U	.673	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg											.347	<	U	.347	-99
4,6-Dinitro-2-methylphenol	mg/kg											.673	<	U	.673	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg											.347	<	U	.347	-99
4-Chloro-3-methylphenol	mg/kg											.347	<	U	.347	-99
4-Chloroaniline	mg/kg											.347	<	U	.347	-99
4-Chlorophenyl phenyl ether	mg/kg											.347	<	U	.347	-99
4-Methylphenol	mg/kg											.347	<	U	.347	-99
4-Nitroaniline	mg/kg											.347	<	U	.347	-99
4-Nitrophenol	mg/kg											.347	<	U	.347	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-3					CL-HBS-3					CL-HBS-3				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-3 (1)					CL-HBS-3 (1)QC					CL-HBS-3 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
2,3,4,6-Tetrachlorophenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2,4,5-Trichlorophenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2,4,6-Trichlorophenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2,4-Dichlorophenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2,4-Dimethylphenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2,4-Dinitrophenol	mg/kg	1.2	<	U	1.2	-99	1.22	<	U	1.22	-99	.66	<	U	.66	-99
2,4-Dinitrotoluene	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2,6-Dichlorophenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2,6-Dinitrotoluene	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2-Chloronaphthalene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
2-Chlorophenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2-Methylnaphthalene	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2-Methylphenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2-Nitrophenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.601	<	U	.601	-99	.611	<	U	.611	-99	.33	<	U	.33	-99
3,3'-Dimethylbenzidine	mg/kg	.601	<	U	.601	-99	.611	<	U	.611	-99	.33	<	U	.33	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
4,6-Dinitro-2-methylphenol	mg/kg	.601	<	U	.601	-99	.611	<	U	.611	-99	.33	<	U	.33	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
4-Chloro-3-methylphenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
4-Chloroaniline	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
4-Chlorophenyl phenyl ether	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
4-Methylphenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
4-Nitroaniline	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
4-Nitrophenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-4					CL-HBS-4					CL-HBS-4				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-4 (1)					CL-HBS-4(1)					CL-HBS-4 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
2,3,4,6-Tetrachlorophenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2,4,5-Trichlorophenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2,4,6-Trichlorophenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2,4-Dichlorophenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2,4-Dimethylphenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2,4-Dinitrophenol	mg/kg	2.54	<	U	2.54	-99						2.75	<	U	2.75	-99
2,4-Dinitrotoluene	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2,6-Dichlorophenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2,6-Dinitrotoluene	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2-Chloronaphthalene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
2-Chlorophenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2-Methylnaphthalene	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2-Methylphenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2-Nitrophenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	1.27	<	U	1.27	-99						1.38	<	U	1.38	-99
3,3'-Dimethylbenzidine	mg/kg	1.27	<	U	1.27	-99						1.38	<	U	1.38	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
4,6-Dinitro-2-methylphenol	mg/kg	1.27	<	U	1.27	-99						1.38	<	U	1.38	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
4-Chloro-3-methylphenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
4-Chloroaniline	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
4-Chlorophenyl phenyl ether	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
4-Methylphenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
4-Nitroaniline	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
4-Nitrophenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	FWS-118					FWS-180					FWS-182				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR118					CLNWR180					CLNWR182				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
2,3,4,6-Tetrachlorophenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2,4,5-Trichlorophenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2,4,6-Trichlorophenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2,4-Dichlorophenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2,4-Dimethylphenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2,4-Dinitrophenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2,4-Dinitrotoluene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2,6-Dichlorophenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2,6-Dinitrotoluene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2-Chloronaphthalene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2-Chlorophenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2-Methylnaphthalene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2-Methylphenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2-Naphthylamine	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2-Nitroaniline	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2-Nitrophenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
2-Picoline	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
3,3'-Dichlorobenzidine	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
3-Nitroaniline	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
4,6-Dinitro-2-methylphenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
4-Aminobiphenyl	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
4-Bromophenyl phenyl ether	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
4-Chloro-3-methylphenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
4-Chloroaniline	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
4-Chlorophenyl phenyl ether	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
4-Methylphenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
4-Nitroaniline	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
4-Nitrophenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	

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

Report Date: 11/15/04

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User Test Group	Location Code:	FWS-215					FWS-224					GPCSD09				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR215					CLNWR224					GPCSD09-981111				
	Sample Date:	09-SEP-03					09-SEP-03					11-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
2,3,4,6-Tetrachlorophenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
2,4,5-Trichlorophenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		1.2	<	U	1.2	1.2
2,4,6-Trichlorophenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
2,4-Dichlorophenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
2,4-Dimethylphenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
2,4-Dinitrophenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		1.2	<	U	1.2	1.2
2,4-Dinitrotoluene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
2,6-Dichlorophenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
2,6-Dinitrotoluene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
2-Chloronaphthalene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
2-Chlorophenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
2-Methylnaphthalene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
2-Methylphenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
2-Naphthylamine	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
2-Nitroaniline	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		1.2	<	U	1.2	1.2
2-Nitrophenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
2-Picoline	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
3,3'-Dichlorobenzidine	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
3-Nitroaniline	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		1.2	<	U	1.2	1.2
4,6-Dinitro-2-methylphenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		1.2	<	U	1.2	1.2
4-Aminobiphenyl	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
4-Bromophenyl phenyl ether	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
4-Chloro-3-methylphenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
4-Chloroaniline	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
4-Chlorophenyl phenyl ether	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
4-Methylphenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
4-Nitroaniline	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		1.2	<	U	1.2	1.2
4-Nitrophenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		1.2	<	U	1.2	1.2

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

Report Date: 11/15/04

User Test Group

Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

GPCSD09

Central Creek

GPCSD09-981203

03-DEC-98

.0 - 0

Parameter	Units	Result	Qual	VQ	RL	MDL
SEMIVOLATILES						
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					
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					

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

Report Date: 11/15/04

User Test Group	Location Code:	11SD14					11SD14					11SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	LH11-SD14					C940823-11SD14-N00					C940823-11SD14-QC00				
	Sample Date:	31-MAR-93					23-AUG-94					23-AUG-94				
	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																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Acenaphthylene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Benzo(a)pyrene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Benzo(b)fluoranthene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Benzo(ghi)perylene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Benzo(k)fluoranthene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Benzoic Acid	mg/kg	1.65	<	U	1.65	-99	.4	<	U	.4		.45	<	U	.45	
Benzyl Alcohol	mg/kg	.65	<	U	.65	-99	.4	<	U	.4		.45	<	U	.45	
Butyl benzyl phthalate	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
CHLOROBENZILATE																
Carbazole	mg/kg															
Chrysene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Dibenzofuran	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Diethyl phthalate	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Diphenylamine	mg/kg						1.212	<	U	1.212		1.359	<	U	1.359	
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	

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

Report Date: 11/15/04

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Location Code:
Associated Site:
Sample No:
Sample Date:
Sample Depth:

12SD01
Central Creek
12SD01
22-APR-93
.0 - 0

12SD02
Central Creek
12SD02
22-APR-93
.0 - 0

12SD03
Central Creek
12SD03(0-0.5)
03-MAY-93
.0 - 0.5

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Acenaphthylene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Benzo(a)pyrene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Benzo(b)fluoranthene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Benzo(ghi)perylene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Benzo(k)fluoranthene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Benzoic Acid	mg/kg	2.133	<	U	2.133	-99	2.051	<	U	2.051	-99	3.81	<	U	3.81	-99
Benzyl Alcohol	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Butyl benzyl phthalate	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
CHLOROBENZILATE	mg/kg															
Carbazole	mg/kg															
Chrysene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Dibenzofuran	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Diethyl phthalate	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Diphenylamine	mg/kg	1.333	<	U	1.333	-99	1.282	<	U	1.282	-99	2.381	<	U	2.381	-99
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99

00051483

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD08

Central Creek

12SD08(000.0)QC

18-FEB-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Fluoranthene	mg/kg

mg/kg
mg/kg

00051484

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD11

Central Creek

12SD11 (000.0)

15-MAR-95

.0 - 0

Sample Depth:

<i>RL</i>	<i>MDL</i>

Units

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

00051485

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD14

Central Creek

12SD14(000.0)

02-MAR-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Fluoranthene mg/kg

mg/kg

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

Report Date: 11/15/04

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Location Code:
Associated Site:
Sample No:
Sample Date:
Sample Depth:

12SD15
Central Creek
12SD15
06-OCT-98
.0 - 0

12SD15
Central Creek
12SD15QC
06-OCT-98
.0 - 0

12SD16
Central Creek
12SD16
06-OCT-98
.0 - 0

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Acenaphthylene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Benzo(a)pyrene	mg/kg	.22	<	U	.22	.22	.22	<	UJ	.22	.22					
Benzo(b)fluoranthene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Benzo(ghi)perylene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Benzo(k)fluoranthene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Benzoic Acid	mg/kg	1.1	<	U	1.1	1.1	1.1	<	UJ	1.1	1.1					
Benzyl Alcohol	mg/kg	1.1	<	U	1.1	1.1	1.1	<	UJ	1.1	1.1					
Butyl benzyl phthalate	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
CHLOROBENZILATE	mg/kg															
Carbazole	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Chrysene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Dibenzofuran	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Diethyl phthalate	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Diphenylamine	mg/kg															
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD17					12SD18					12SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD17					12SD18					12SD19				
	Sample Date:	06-OCT-98					06-OCT-98					07-OCT-98				
	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																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Acenaphthylene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Benzo(a)pyrene	mg/kg	.33	<	U	.33	.33						.24	<	U	.24	.24
Benzo(b)fluoranthene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Benzo(ghi)perylene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Benzo(k)fluoranthene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Benzoic Acid	mg/kg	1.6	<	U	1.6	1.6						1.2	<	U	1.2	1.2
Benzyl Alcohol	mg/kg	1.6	<	U	1.6	1.6						1.2	<	U	1.2	1.2
Butyl benzyl phthalate	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
CHLOROBENZILATE																
Carbazole	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Chrysene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Dibenzofuran	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Diethyl phthalate	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Diphenylamine	mg/kg															
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49

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

Report Date: 11/15/04

User Test Group	Location Code:	12SW01					29SD02					29SD03				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SW01					29SD02(0.5)					29SD03(0.5)				
	Sample Date:	18-APR-93					29-APR-93					29-APR-93				
	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																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Acenaphthylene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Benzo(a)pyrene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Benzo(b)fluoranthene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Benzo(ghi)perylene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Benzo(k)fluoranthene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Benzoic Acid	mg/kg						2.051	<	U	2.051	-99	1.951	<	U	1.951	-99
Benzyl Alcohol	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Butyl benzyl phthalate	mg/kg						.423	<	U	.423	-99	.58			.402	-99
CHLOROBENZILATE																
Carbazole	mg/kg															
Chrysene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Dibenzofuran	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Diethyl phthalate	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Diphenylamine	mg/kg						1.282	<	U	1.282	-99	1.22	<	U	1.22	-99
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD04					29SD05					29SD06				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD04(0.5)					29SD05(0.5)					29SD06(0.5)				
	Sample Date:	29-APR-93					29-APR-93					28-APR-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																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Acenaphthylene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Benzo(a)pyrene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Benzo(b)fluoranthene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Benzo(ghi)perylene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Benzo(k)fluoranthene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Benzoic Acid	mg/kg	2	<	U	2	-99	2	<	U	2	-99	2.162	<	U	2.162	-99
Benzyl Alcohol	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Butyl benzyl phthalate	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
CHLOROBENZILATE	mg/kg															
Carbazole	mg/kg															
Chrysene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Dibenzofuran	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Diethyl phthalate	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Diphenylamine	mg/kg	1.25	<	U	1.25	-99	1.25	<	U	1.25	-99	1.351	<	U	1.351	-99
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD07					29SD08					29SD08				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD07(0.5)					29SD08(0-0.5)					29SD08(0-0.5)QC				
	Sample Date:	28-APR-93					28-APR-93					28-APR-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																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Acenaphthylene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Benzo(a)pyrene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Benzo(b)fluoranthene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Benzo(ghi)perylene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Benzo(k)fluoranthene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Benzoic Acid	mg/kg	2.388	<	U	2.388	-99	2.424	<	U	2.424	-99	2.54	<	U	2.54	-99
Benzyl Alcohol	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Butyl benzyl phthalate	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
CHLOROBENZILATE																
Carbazole	mg/kg															
Chrysene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Dibenzofuran	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Diethyl phthalate	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Diphenylamine	mg/kg	1.493	<	U	1.493	-99	1.515	<	U	1.515	-99	1.587	<	U	1.587	-99
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99

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

Report Date: 11/15/04

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Location Code:
Associated Site:
Sample No:
Sample Date:
Sample Depth:

29SD09
Central Creek
29SD09(0-0.5)
28-APR-93
.0 - 0.5

29SD18
Central Creek
29SD18(0-0.5)
03-MAY-93
.0 - 0.5

29SD19
Central Creek
29SD19 (000.0)
22-FEB-95
.0 - 0

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Acenaphthylene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Benzo(a)pyrene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Benzo(b)fluoranthene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Benzo(ghi)perylene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Benzo(k)fluoranthene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Benzoic Acid	mg/kg	2.581	<	U	2.581	-99	2.078	<	U	2.078	-99					
Benzyl Alcohol	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Butyl benzyl phthalate	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
CHLOROBENZILATE	mg/kg															
Carbazole	mg/kg															
Chrysene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Dibenzofuran	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Diethyl phthalate	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Diphenylamine	mg/kg	1.613	<	U	1.613	-99	1.299	<	U	1.299	-99					
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD20					29SD21					29SD23				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD20(000.0)					29SD21 (000.0)					29SD23				
	Sample Date:	01-MAR-95					22-FEB-95					06-OCT-98				
	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																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg											.45	<	U	.45	.45
Acenaphthylene	mg/kg											.45	<	U	.45	.45
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg											.45	<	U	.45	.45
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg											.45	<	U	.45	.45
Benzo(a)pyrene	mg/kg											.22	<	U	.22	.22
Benzo(b)fluoranthene	mg/kg											.45	<	U	.45	.45
Benzo(ghi)perylene	mg/kg											.45	<	U	.45	.45
Benzo(k)fluoranthene	mg/kg											.45	<	U	.45	.45
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											.45	<	U	.45	.45
CHLOROBENZILATE																
Carbazole	mg/kg											.45	<	U	.45	.45
Chrysene	mg/kg											.45	<	U	.45	.45
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg											.45	<	U	.45	.45
Dibenzofuran	mg/kg											.45	<	U	.45	.45
Diethyl phthalate	mg/kg											.45	<	U	.45	.45
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg											.45	<	U	.45	.45
Diphenylamine	mg/kg															
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg											.28			.45	.45

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User Test Group

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-1					CL-CCS-1					CL-CCS-1				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-1 (1)					CL-CCS-1(1)					CL-CCS-1 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Aniline	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Anthracene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Benzo(a)pyrene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Benzo(b)fluoranthene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Benzo(ghi)perylene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Benzo(k)fluoranthene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Butyl benzyl phthalate	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
CHLOROBENZILATE	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Dibenzofuran	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Diethyl phthalate	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Dimethoate	mg/kg	.218	<	U	.218	-99						.1	<	U	.1	-99
Dimethyl phthalate	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Diphenylamine	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Disulfoton	mg/kg	.218	<	U	.218	-99						.1	<	U	.1	-99
Ethyl methanesulfonate	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Famphur	mg/kg	.218	<	U	.218	-99						.1	<	U	.1	-99
Fluoranthene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-2					CL-CCS-2					CL-CCS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-2 (1)					CL-CCS-2 (1)QC					CL-CCS-2 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Aniline	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Anthracene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Benzo(a)pyrene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Benzo(b)fluoranthene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Benzo(ghi)perylene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Benzo(k)fluoranthene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Butyl benzyl phthalate	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
CHLOROBENZILATE	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Dibenzofuran	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Diethyl phthalate	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Dimethoate	mg/kg	.152	<	U	.152	-99	.278	<	U	.278	-99	.098	<	U	.098	-99
Dimethyl phthalate	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Diphenylamine	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Disulfoton	mg/kg	.152	<	U	.152	-99	.278	<	U	.278	-99	.098	<	U	.098	-99
Ethyl methanesulfonate	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Famphur	mg/kg	.152	<	U	.152	-99	.278	<	U	.278	-99	.098	<	U	.098	-99
Fluoranthene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-1					CL-HBS-1					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-1 (1)					CL-HBS-1 (2)					CL-HBS-2 (1)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Aniline	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Anthracene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Benzo(a)pyrene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Benzo(b)fluoranthene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Benzo(ghi)perylene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Benzo(k)fluoranthene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Butyl benzyl phthalate	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
CHLOROBENZILATE	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Dibenzofuran	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Diethyl phthalate	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Dimethoate	mg/kg	.25	<	U	.25	-99	.086	<	U	.086	-99	.185	<	U	.185	-99
Dimethyl phthalate	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Diphenylamine	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Disulfoton	mg/kg	.25	<	U	.25	-99	.086	<	U	.086	-99	.185	<	U	.185	-99
Ethyl methanesulfonate	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Famphur	mg/kg	.25	<	U	.25	-99	.086	<	U	.086	-99	.185	<	U	.185	-99
Fluoranthene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-2					CL-HBS-2					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-2(1)					CL-HBS-2(1)QC					CL-HBS-2 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg											.137	<	U	.137	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg											.347	<	U	.347	-99
Aniline	mg/kg											.347	<	U	.347	-99
Anthracene	mg/kg											.137	<	U	.137	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg											.137	<	U	.137	-99
Benzo(a)pyrene	mg/kg											.137	<	U	.137	-99
Benzo(b)fluoranthene	mg/kg											.137	<	U	.137	-99
Benzo(ghi)perylene	mg/kg											.137	<	U	.137	-99
Benzo(k)fluoranthene	mg/kg											.137	<	U	.137	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg											.347	<	U	.347	-99
Butyl benzyl phthalate	mg/kg											.347	<	U	.347	-99
CHLOROBENZILATE	mg/kg											.347	<	U	.347	-99
Carbazole	mg/kg															
Chrysene	mg/kg											.137	<	U	.137	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg											.137	<	U	.137	-99
Dibenzofuran	mg/kg											.347	<	U	.347	-99
Diethyl phthalate	mg/kg											.347	<	U	.347	-99
Dimethoate	mg/kg											.102	<	U	.102	-99
Dimethyl phthalate	mg/kg											.347	<	U	.347	-99
Diphenylamine	mg/kg											.347	<	U	.347	-99
Disulfoton	mg/kg											.102	<	U	.102	-99
Ethyl methanesulfonate	mg/kg											.347	<	U	.347	-99
Famphur	mg/kg											.102	<	U	.102	-99
Fluoranthene	mg/kg											.137	<	U	.137	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-3					CL-HBS-3					CL-HBS-3				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-3 (1)					CL-HBS-3 (1)QC					CL-HBS-3 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Aniline	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Anthracene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Benzo(a)pyrene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Benzo(b)fluoranthene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Benzo(ghi)perylene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Benzo(k)fluoranthene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Butyl benzyl phthalate	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
CHLOROBENZILATE	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Dibenzofuran	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Diethyl phthalate	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Dimethoate	mg/kg	.091	<	U	.091	-99	.0925	<	U	.0925	-99	.05	<	U	.05	-99
Dimethyl phthalate	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Diphenylamine	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Disulfoton	mg/kg	.091	<	U	.091	-99	.0925	<	U	.0925	-99	.05	<	U	.05	-99
Ethyl methanesulfonate	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Famphur	mg/kg	.091	<	U	.091	-99	.0925	<	U	.0925	-99	.05	<	U	.05	-99
Fluoranthene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-4					CL-HBS-4					CL-HBS-4				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-4 (1)					CL-HBS-4(1)					CL-HBS-4 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Aniline	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Anthracene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Benzo(a)pyrene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Benzo(b)fluoranthene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Benzo(ghi)perylene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Benzo(k)fluoranthene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Butyl benzyl phthalate	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
CHLOROBENZILATE	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Dibenzofuran	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Diethyl phthalate	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Dimethoate	mg/kg	.193	<	U	.193	-99						.209	<	U	.209	-99
Dimethyl phthalate	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Diphenylamine	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Disulfoton	mg/kg	.193	<	U	.193	-99						.209	<	U	.209	-99
Ethyl methanesulfonate	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Famphur	mg/kg	.193	<	U	.193	-99						.209	<	U	.209	-99
Fluoranthene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99

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

Report Date: 11/15/04

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<i>Location Code:</i>	FWS-118	FWS-180	FWS-182
<i>Associated Site:</i>	Central Creek	Central Creek	Central Creek
<i>Sample No:</i>	CLNWR118	CLNWR180	CLNWR182
<i>Sample Date:</i>	09-SEP-03	09-SEP-03	09-SEP-03
<i>Sample Depth:</i>	.0 - 0.5	.0 - 0.5	.0 - 0.5

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Acenaphthene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Acenaphthylene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Acentophenone	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Acetophenone	mg/kg															
Aniline	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Anthracene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Benzidine	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Benzo(a)anthracene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Benzo(a)pyrene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Benzo(b)fluoranthene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Benzo(ghi)perylene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Benzo(k)fluoranthene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Benzoic Acid	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Benzyl Alcohol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Butyl benzyl phthalate	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.0509		nv	.047	
CHLOROBENZILATE																
Carbazole	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Chrysene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Dibenz(a,j)acridine	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Dibenzo(a,h)anthracene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Dibenzofuran	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Diethyl phthalate	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Diphenylamine	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Famphur	mg/kg															
Fluoranthene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	

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

Report Date: 11/15/04

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Location Code:
Associated Site:
Sample No:
Sample Date:
Sample Depth:

FWS-215
Central Creek
CLNWR215
09-SEP-03
.0 - 0.5

FWS-224
Central Creek
CLNWR224
09-SEP-03
.0 - 0.5

GPCSD09
Central Creek
GPCSD09-981111
11-NOV-98
.0 - 0

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES																
7,12-Dimethylbenz(a)-anthracene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Acenaphthene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Acenaphthylene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Acentophenone	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Acetophenone	mg/kg															
Aniline	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Anthracene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Benzidine	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Benzo(a)anthracene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Benzo(a)pyrene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.24	<	U	.24	.24
Benzo(b)fluoranthene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Benzo(ghi)perylene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Benzo(k)fluoranthene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Benzoic Acid	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		1.2	<	U	1.2	1.2
Benzyl Alcohol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		1.2	<	U	1.2	1.2
Butyl benzyl phthalate	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
CHLOROBENZILATE																
Carbazole	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Chrysene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Dibenz(a,j)acridine	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Dibenzo(a,h)anthracene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Dibenzofuran	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Diethyl phthalate	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Diphenylamine	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Disulfoton	mg/kg															
Ethyl methanesulfonate	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Famphur	mg/kg															
Fluoranthene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48

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

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User Test Group

Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

GPCSD09

Central Creek

GPCSD09-981203

03-DEC-98

.0 - 0

Parameter	Units	Result	Qual	VQ	RL	MDL
SEMIVOLATILES						
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					
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					

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

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User Test Group	Location Code:	11SD14					11SD14					11SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	LH11-SD14					C940823-11SD14-N00					C940823-11SD14-QC00				
	Sample Date:	31-MAR-93					23-AUG-94					23-AUG-94				
	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																
Fluorene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Hexachlorobenzene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Hexachlorobutadiene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Hexachlorocyclopentadiene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Hexachloroethane	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Indeno(1,2,3-cd)pyrene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Isophorone	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Nitrobenzene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.65	<	U	1.65	-99	1.01	<	U	1.01		1.13	<	U	1.13	
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Phenol	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
bis(2-Chloroethyl)ether	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
bis(2-Chloroisopropyl)ether	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
bis(2-Ethylhexyl)phthalate	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
di-n-Butyl phthalate	mg/kg	.738			.33	-99	.581		U	.4		.732		U	.45	
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD01					12SD02					12SD03				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD01					12SD02					12SD03(0-0.5)				
	Sample Date:	22-APR-93					22-APR-93					03-MAY-93				
	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																
Fluorene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Hexachlorobenzene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Hexachlorobutadiene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Hexachlorocyclopentadiene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Hexachloroethane	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Isophorone	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Nitrobenzene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	2.133	<	U	2.133	-99	2.051	<	U	2.051	-99	3.81	<	U	3.81	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Phenol	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
bis(2-Chloroethyl)ether	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
bis(2-Chloroisopropyl)ether	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99
di-n-Butyl phthalate	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	1.8		B	.786	-99
di-n-Octyl phthalate	mg/kg	.44	<	U	.44	-99	.423	<	U	.423	-99	.786	<	U	.786	-99

00051505

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD06

Central Creek

12SD06(000.0)

18-FEB-95

.0 - 0

MDL

Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Methyl methanesulfonate
Methyl parathion
N-nitrosopiperidine
Naphthalene
Nitrobenzene
Parathion
Pentachlorobenzene
Pentachloronitrobenzene
Pentachlorophenol
Phenacetin
Phenanthrene
Phenol
Phorate
Pronamide
Pyrene
Pyridine
a,a-Dimethylphenethyl-amine
bis(2-Chloroethoxy)methane
bis(2-Chloroethyl)ether
bis(2-Chloroisopropyl)ether
bis(2-Ethylhexyl)phthalate
di-n-Butyl phthalate
di-n-Octyl phthalate

00051506

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD08

Central Creek

12SD08(000.0)QC

18-FEB-95

.0 - 0

MDL

Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Methyl methanesulfonate
Methyl parathion
N-nitrosopiperidine
Naphthalene
Nitrobenzene
Parathion
Pentachlorobenzene
Pentachloronitrobenzene
Pentachlorophenol
Phenacetin
Phenanthrene
Phenol
Phorate
Pronamide
Pyrene
Pyridine
a,a-Dimethylphenethyl-amine
bis(2-Chloroethoxy)methane
bis(2-Chloroethyl)ether
bis(2-Chloroisopropyl)ether
bis(2-Ethylhexyl)phthalate
di-n-Butyl phthalate
di-n-Octyl phthalate

00051507

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD11

Central Creek

12SD11 (000.0)

15-MAR-95

.0 - 0

<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

 mg/kg

mg/kg

00051508

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD14

Central Creek

12SD14(000.0)

02-MAR-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Methyl methanesulfonate
Methyl parathion
N-nitrosopiperidine
Naphthalene
Nitrobenzene
Parathion
Pentachlorobenzene
Pentachloronitrobenzene
Pentachlorophenol
Phenacetin
Phenanthrene
Phenol
Phorate
Pronamide
Pyrene
Pyridine
a,a-Dimethylphenethyl-amine
bis(2-Chloroethoxy)methane
bis(2-Chloroethyl)ether
bis(2-Chloroisopropyl)ether
bis(2-Ethylhexyl)phthalate
di-n-Butyl phthalate
di-n-Octyl phthalate

[illegible]

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD15					12SD15					12SD16				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD15					12SD15QC					12SD16				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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																
Fluorene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Hexachlorobenzene	mg/kg	.22	<	U	.22	.22	.22	<	UJ	.22	.22					
Hexachlorobutadiene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Hexachlorocyclopentadiene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Hexachloroethane	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Indeno(1,2,3-cd)pyrene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Isophorone	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Nitrobenzene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.22	<	U	.22	.22	.22	<	UJ	.22	.22					
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Phenol	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
bis(2-Chloroethyl)ether	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
bis(2-Chloroisopropyl)ether	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
bis(2-Ethylhexyl)phthalate	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
di-n-Butyl phthalate	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					
di-n-Octyl phthalate	mg/kg	.44	<	U	.44	.44	.44	<	UJ	.44	.44					

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Summary of Validated Sediment Analytical Data
Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	12SD17					12SD18					12SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD17					12SD18					12SD19				
	Sample Date:	06-OCT-98					06-OCT-98					07-OCT-98				
	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																
Fluorene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Hexachlorobenzene	mg/kg	.33	<	U	.33	.33						.24	<	U	.24	.24
Hexachlorobutadiene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Hexachlorocyclopentadiene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Hexachloroethane	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Indeno(1,2,3-cd)pyrene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Isophorone	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Nitrobenzene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.33	<	U	.33	.33						.24	<	U	.24	.24
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Phenol	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
bis(2-Chloroethyl)ether	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
bis(2-Chloroisopropyl)ether	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
bis(2-Ethylhexyl)phthalate	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
di-n-Butyl phthalate	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49
di-n-Octyl phthalate	mg/kg	.66	<	U	.66	.66						.49	<	U	.49	.49

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User Test Group	Location Code:	12SW01					29SD02					29SD03				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SW01					29SD02(0.5)					29SD03(0.5)				
	Sample Date:	18-APR-93					29-APR-93					29-APR-93				
	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																
Fluorene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Hexachlorobenzene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Hexachlorobutadiene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Hexachlorocyclopentadiene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Hexachloroethane	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Indeno(1,2,3-cd)pyrene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Isophorone	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Nitrobenzene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg						2.051	<	U	2.051	-99	1.951	<	U	1.951	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Phenol	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
bis(2-Chloroethyl)ether	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
bis(2-Chloroisopropyl)ether	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
bis(2-Ethylhexyl)phthalate	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99
di-n-Butyl phthalate	mg/kg						.423	<	U	.423	-99	4.3			.402	-99
di-n-Octyl phthalate	mg/kg						.423	<	U	.423	-99	.402	<	U	.402	-99

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User Test Group	Location Code:	29SD04					29SD05					29SD06				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD04(0.5)					29SD05(0.5)					29SD06(0.5)				
	Sample Date:	29-APR-93					29-APR-93					28-APR-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																
Fluorene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Hexachlorobenzene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Hexachlorobutadiene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Hexachlorocyclopentadiene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Hexachloroethane	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Isophorone	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Nitrobenzene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	2	<	U	2	-99	2	<	U	2	-99	2.162	<	U	2.162	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Phenol	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
bis(2-Chloroethyl)ether	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
bis(2-Chloroisopropyl)ether	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
di-n-Butyl phthalate	mg/kg	2.2			.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99
di-n-Octyl phthalate	mg/kg	.413	<	U	.413	-99	.413	<	U	.413	-99	.446	<	U	.446	-99

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User Test Group	Location Code:	29SD07					29SD08					29SD08				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD07(0.5)					29SD08(0-0.5)					29SD08(0-0.5)QC				
	Sample Date:	28-APR-93					28-APR-93					28-APR-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																
Fluorene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Hexachlorobenzene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Hexachlorobutadiene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Hexachlorocyclopentadiene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Hexachloroethane	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Isophorone	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Nitrobenzene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	2.388	<	U	2.388	-99	2.424	<	U	2.424	-99	2.54	<	U	2.54	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Phenol	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
bis(2-Chloroethyl)ether	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
bis(2-Chloroisopropyl)ether	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
bis(2-Ethylhexyl)phthalate	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
di-n-Butyl phthalate	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99
di-n-Octyl phthalate	mg/kg	.493	<	U	.493	-99	.5	<	U	.5	-99	.524	<	U	.524	-99

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User Test Group	Location Code:	29SD09					29SD18					29SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD09(0-0.5)					29SD18(0-0.5)					29SD19 (000.0)				
	Sample Date:	28-APR-93					03-MAY-93					22-FEB-95				
	Sample Depth:	.0 -0.5					.0 -0.5					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Fluorene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Hexachlorobenzene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Hexachlorobutadiene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Hexachlorocyclopentadiene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Hexachloroethane	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Indeno(1,2,3-cd)pyrene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Isophorone	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Nitrobenzene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	2.581	<	U	2.581	-99	2.078	<	U	2.078	-99					
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Phenol	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
bis(2-Chloroethyl)ether	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
bis(2-Chloroisopropyl)ether	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
bis(2-Ethylhexyl)phthalate	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					
di-n-Butyl phthalate	mg/kg	.532	<	U	.532	-99	.84		B	.429	-99					
di-n-Octyl phthalate	mg/kg	.532	<	U	.532	-99	.429	<	U	.429	-99					

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User Test Group	Location Code:	29SD20					29SD21					29SD23				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD20(000.0)					29SD21 (000.0)					29SD23				
	Sample Date:	01-MAR-95					22-FEB-95					06-OCT-98				
	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																
Fluorene	mg/kg											.45	<	U	.45	.45
Hexachlorobenzene	mg/kg											.22	<	U	.22	.22
Hexachlorobutadiene	mg/kg											.45	<	U	.45	.45
Hexachlorocyclopentadiene	mg/kg											.45	<	U	.45	.45
Hexachloroethane	mg/kg											.45	<	U	.45	.45
Indeno(1,2,3-cd)pyrene	mg/kg											.45	<	U	.45	.45
Isophorone	mg/kg											.45	<	U	.45	.45
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg											.45	<	U	.45	.45
Nitrobenzene	mg/kg											.45	<	U	.45	.45
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg											.22	<	U	.22	.22
Phenacetin	mg/kg															
Phenanthrene	mg/kg											.45	<	U	.45	.45
Phenol	mg/kg											.45	<	U	.45	.45
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg											.28			.45	.45
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg											.45	<	U	.45	.45
bis(2-Chloroethyl)ether	mg/kg											.45	<	U	.45	.45
bis(2-Chloroisopropyl)ether	mg/kg											.45	<	U	.45	.45
bis(2-Ethylhexyl)phthalate	mg/kg											.45	<	U	.45	.45
di-n-Butyl phthalate	mg/kg											.45	<	U	.45	.45
di-n-Octyl phthalate	mg/kg											.45	<	U	.45	.45

00051516

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User Test Group

[illegible]

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-1					CL-CCS-1					CL-CCS-1				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-1 (1)					CL-CCS-1(1)					CL-CCS-1 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Fluorene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Hexachlorobenzene	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Hexachlorobutadiene	mg/kg															
Hexachlorocyclopentadiene	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Hexachloroethane	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Isophorone	mg/kg															
Methyl methanesulfonate	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Methyl parathion	mg/kg	.218	<	U	.218	-99						.1	<	U	.1	-99
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg															
Nitrobenzene	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Parathion	mg/kg	.218	<	U	.218	-99						.1	<	U	.1	-99
Pentachlorobenzene	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Pentachloronitrobenzene	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99
Pentachlorophenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Phenacetin	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Phenanthrene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Phenol	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
Phorate	mg/kg	.218	<	U	.218	-99						.1	<	U	.1	-99
Pronamide	mg/kg															
Pyrene	mg/kg	.067	<	U	.067	-99						.067	<	U	.067	-99
Pyridine	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
bis(2-Chloroethyl)ether	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
di-n-Butyl phthalate	mg/kg	.17	<	U	.17	-99						.17	<	U	.17	-99
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99						.33	<	U	.33	-99

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

Report Date: 11/15/04

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Location Code:

CL-CCS-2

CL-CCS-2

CL-CCS-2

Associated Site:

Central Creek

Central Creek

Central Creek

Sample No:

CL-CCS-2 (1)

CL-CCS-2 (1)QC

CL-CCS-2 (2)

Sample Date:

19-OCT-00

19-OCT-00

19-OCT-00

Sample Depth:

.0 -0.5

.0 -0.5

.5 -1

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES																
Fluorene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Hexachlorobenzene	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Hexachlorobutadiene	mg/kg															
Hexachlorocyclopentadiene	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Hexachloroethane	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Isophorone	mg/kg															
Methyl methanesulfonate	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Methyl parathion	mg/kg	.152	<	U	.152	-99	.278	<	U	.278	-99	.098	<	U	.098	-99
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg															
Nitrobenzene	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Parathion	mg/kg	.152	<	U	.152	-99	.278	<	U	.278	-99	.098	<	U	.098	-99
Pentachlorobenzene	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Pentachloronitrobenzene	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.33	<	U	.33	-99
Pentachlorophenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Phenacetin	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Phenanthrene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Phenol	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
Phorate	mg/kg	.152	<	U	.152	-99	.278	<	U	.278	-99	.098	<	U	.098	-99
Pronamide	mg/kg															
Pyrene	mg/kg	.067	<	U	.067	-99	.067	<	U	.067	-99	.067	<	U	.067	-99
Pyridine	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
bis(2-Chloroethyl)ether	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
di-n-Butyl phthalate	mg/kg	.17	<	U	.17	-99	.17	<	U	.17	-99	.17	<	U	.17	-99
di-n-Octyl phthalate	mg/kg	.33	<	U	.33	-99	.33	<	U	.33	-99	.33	<	U	.33	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-1					CL-HBS-1					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-1 (1)					CL-HBS-1 (2)					CL-HBS-2 (1)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.5 - 1					.0 -0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Fluorene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Hexachlorobenzene	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Hexachlorobutadiene	mg/kg															
Hexachlorocyclopentadiene	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Hexachloroethane	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Isophorone	mg/kg															
Methyl methanesulfonate	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Methyl parathion	mg/kg	.25	<	U	.25	-99	.086	<	U	.086	-99	.185	<	U	.185	-99
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg															
Nitrobenzene	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Parathion	mg/kg	.25	<	U	.25	-99	.086	<	U	.086	-99	.185	<	U	.185	-99
Pentachlorobenzene	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Pentachloronitrobenzene	mg/kg	1.65	<	U	1.65	-99	.568	<	U	.568	-99	1.22	<	U	1.22	-99
Pentachlorophenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Phenacetin	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Phenanthrene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Phenol	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
Phorate	mg/kg	.25	<	U	.25	-99	.086	<	U	.086	-99	.185	<	U	.185	-99
Pronamide	mg/kg															
Pyrene	mg/kg	.335	<	U	.335	-99	.115	<	U	.115	-99	.248	<	U	.248	-99
Pyridine	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
bis(2-Chloroethyl)ether	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg	1.16			.315	-99	.292	<	U	.292	-99	.629	<	U	.629	-99
di-n-Butyl phthalate	mg/kg	.85	<	U	.85	-99	.292	<	U	.292	-99	.93			.287	-99
di-n-Octyl phthalate	mg/kg	1.65	<	U	1.65	-99	.568	<	U	.568	-99	1.22	<	U	1.22	-99

Report Date: 11/15/04

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

User Test Group	Location Code:	CL-HBS-2					CL-HBS-2					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-2(1)					CL-HBS-2(1)QC					CL-HBS-2 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Fluorene	mg/kg											.137	<	U	.137	-99
Hexachlorobenzene	mg/kg											.347	<	U	.347	-99
Hexachlorobutadiene	mg/kg															
Hexachlorocyclopentadiene	mg/kg											.347	<	U	.347	-99
Hexachloroethane	mg/kg											.347	<	U	.347	-99
Indeno(1,2,3-cd)pyrene	mg/kg											.137	<	U	.137	-99
Isophorone	mg/kg															
Methyl methanesulfonate	mg/kg											.347	<	U	.347	-99
Methyl parathion	mg/kg											.102	<	U	.102	-99
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg															
Nitrobenzene	mg/kg											.347	<	U	.347	-99
Parathion	mg/kg											.102	<	U	.102	-99
Pentachlorobenzene	mg/kg											.347	<	U	.347	-99
Pentachloronitrobenzene	mg/kg											.673	<	U	.673	-99
Pentachlorophenol	mg/kg											.347	<	U	.347	-99
Phenacetin	mg/kg											.347	<	U	.347	-99
Phenanthrene	mg/kg											.137	<	U	.137	-99
Phenol	mg/kg											.347	<	U	.347	-99
Phorate	mg/kg											.102	<	U	.102	-99
Pronamide	mg/kg															
Pyrene	mg/kg											.137	<	U	.137	-99
Pyridine	mg/kg											.347	<	U	.347	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg											.347	<	U	.347	-99
bis(2-Chloroethyl)ether	mg/kg											.347	<	U	.347	-99
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg											.347	<	U	.347	-99
di-n-Butyl phthalate	mg/kg											.347	<	U	.347	-99
di-n-Octyl phthalate	mg/kg											.673	<	U	.673	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-3					CL-HBS-3					CL-HBS-3				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-3 (1)					CL-HBS-3 (1)QC					CL-HBS-3 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Fluorene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Hexachlorobenzene	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Hexachlorobutadiene	mg/kg															
Hexachlorocyclopentadiene	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Hexachloroethane	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Isophorone	mg/kg															
Methyl methanesulfonate	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Methyl parathion	mg/kg	.091	<	U	.091	-99	.0925	<	U	.0925	-99	.05	<	U	.05	-99
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg															
Nitrobenzene	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Parathion	mg/kg	.091	<	U	.091	-99	.0925	<	U	.0925	-99	.05	<	U	.05	-99
Pentachlorobenzene	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Pentachloronitrobenzene	mg/kg	.601	<	U	.601	-99	.611	<	U	.611	-99	.33	<	U	.33	-99
Pentachlorophenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Phenacetin	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Phenanthrene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Phenol	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
Phorate	mg/kg	.091	<	U	.091	-99	.0925	<	U	.0925	-99	.05	<	U	.05	-99
Pronamide	mg/kg															
Pyrene	mg/kg	.122	<	U	.122	-99	.124	<	U	.124	-99	.067	<	U	.067	-99
Pyridine	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
bis(2-Chloroethyl)ether	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
di-n-Butyl phthalate	mg/kg	.309	<	U	.309	-99	.315	<	U	.315	-99	.17	<	U	.17	-99
di-n-Octyl phthalate	mg/kg	.601	<	U	.601	-99	.611	<	U	.611	-99	.33	<	U	.33	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-4					CL-HBS-4					CL-HBS-4				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-4 (1)					CL-HBS-4(1)					CL-HBS-4 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Fluorene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Hexachlorobenzene	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Hexachlorobutadiene	mg/kg															
Hexachlorocyclopentadiene	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Hexachloroethane	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Isophorone	mg/kg															
Methyl methanesulfonate	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Methyl parathion	mg/kg	.193	<	U	.193	-99						.209	<	U	.209	-99
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg															
Nitrobenzene	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Parathion	mg/kg	.193	<	U	.193	-99						.209	<	U	.209	-99
Pentachlorobenzene	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Pentachloronitrobenzene	mg/kg	1.27	<	U	1.27	-99						1.38	<	U	1.38	-99
Pentachlorophenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Phenacetin	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Phenanthrene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Phenol	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
Phorate	mg/kg	.193	<	U	.193	-99						.209	<	U	.209	-99
Pronamide	mg/kg															
Pyrene	mg/kg	.258	<	U	.258	-99						.279	<	U	.279	-99
Pyridine	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
bis(2-Chloroethyl)ether	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
bis(2-Chloroisopropyl)ether	mg/kg															
bis(2-Ethylhexyl)phthalate	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
di-n-Butyl phthalate	mg/kg	.655	<	U	.655	-99						.709	<	U	.709	-99
di-n-Octyl phthalate	mg/kg	1.27	<	U	1.27	-99						1.38	<	U	1.38	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	FWS-118					FWS-180					FWS-182				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR118					CLNWR180					CLNWR182				
	Sample Date:	09-SEP-03					09-SEP-03					09-SEP-03				
	Sample Depth:	.0 -0.5					.0 -0.5					.0 -0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Fluorene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Hexachlorobenzene	mg/kg															
Hexachlorobutadiene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Hexachlorocyclopentadiene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Hexachloroethane	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Indeno(1,2,3-cd)pyrene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Isophorone	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Methyl methanesulfonate	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Naphthalene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Nitrobenzene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Parathion	mg/kg															
Pentachlorobenzene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Pentachloronitrobenzene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Pentachlorophenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Phenacetin	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Phenanthrene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Phenol	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Phorate	mg/kg															
Pronamide	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Pyrene	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
bis(2-Chloroethoxy)methane	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
bis(2-Chloroethyl)ether	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
bis(2-Chloroisopropyl)ether	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
bis(2-Ethylhexyl)phthalate	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
di-n-Butyl phthalate	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	
di-n-Octyl phthalate	mg/kg	.0537	<	nv	.0537		.038	<	nv	.038		.047	<	nv	.047	

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

Report Date: 11/15/04

User Test Group	Location Code:	FWS-215					FWS-224					GPCSD09				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR215					CLNWR224					GPCSD09-981111				
	Sample Date:	09-SEP-03					09-SEP-03					11-NOV-98				
	Sample Depth:	.0 -0.5					.0 -0.5					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Fluorene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Hexachlorobenzene	mg/kg											.24	<	U	.24	.24
Hexachlorobutadiene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Hexachlorocyclopentadiene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Hexachloroethane	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Indeno(1,2,3-cd)pyrene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Isophorone	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Methyl methanesulfonate	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Naphthalene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Nitrobenzene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Parathion	mg/kg															
Pentachlorobenzene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Pentachloronitrobenzene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Pentachlorophenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.24	<	U	.24	.24
Phenacetin	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Phenanthrene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Phenol	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Phorate	mg/kg															
Pronamide	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
Pyrene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						
bis(2-Chloroethoxy)methane	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
bis(2-Chloroethyl)ether	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
bis(2-Chloroisopropyl)ether	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
bis(2-Ethylhexyl)phthalate	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
di-n-Butyl phthalate	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
di-n-Octyl phthalate	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48

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

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD09				
	Associated Site:	Central Creek				
	Sample No:	GPCSD09-981203				
	Sample Date:	03-DEC-98				
	Sample Depth:	.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL
SEMIVOLATILES						
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					
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					

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

Report Date: 11/15/04

User Test Group	Location Code:	11SD14					11SD14					11SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	LH11-SD14					C940823-11SD14-N00					C940823-11SD14-QC00				
	Sample Date:	31-MAR-93					23-AUG-94					23-AUG-94				
	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																
m-Cresol	mg/kg						.4	<	U	.4		.45	<	U	.45	
n-Nitroso-di-n-propylamine	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg															
n-Nitrosodiphenylamine	mg/kg	.33	<	U	.33	-99	.4	<	U	.4		.45	<	U	.45	
p-Bromofluorobenzene	mg/kg						.4	<	U	.4		.45	<	U	.45	
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	-99	.006	<	U	.006		.007	<	U	.007	
1,1,2,2-Tetrachloroethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
1,1,2-Trichloroethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
1,1-Dichloroethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
1,1-Dichloroethene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg															
1,2,3-Trichloropropane	mg/kg						.006	<	U	.006		.007	<	U	.007	
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	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	.006	<	U	.006		.007	<	U	.007	
1,2-Dichloroethene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD04					12SD05					12SD06				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD04(000.0)					12SD05(000.0)					12SD06(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
	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																
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-Bromofluorobenzene	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	.034	<	U	.034	-99	.007	<	U	.007	-99
1,1,2,2-Tetrachloroethane	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99
1,1,2-Trichloroethane	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99
1,1-Dichloroethane	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99
1,1-Dichloroethene	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-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	.034	<	U	.034	-99	.007	<	U	.007	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															
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	.034	<	U	.034	-99	.007	<	U	.007	-99
1,2-Dichloroethene	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD07					12SD08					12SD08				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD07(000.0)					12SD08(000.0)					12SD08(000.0)QC				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
	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																
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-Bromofluorobenzene	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	.008	<	U	.008	-99	.007	<	U	.007	-99
1,1,2,2-Tetrachloroethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99
1,1,2-Trichloroethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99
1,1-Dichloroethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99
1,1-Dichloroethene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-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	.008	<	U	.008	-99	.007	<	U	.007	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	mg/kg															
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	.008	<	U	.008	-99	.007	<	U	.007	-99
1,2-Dichloroethene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD09					12SD10					12SD11				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD09(000.0)					12SD10 (000.0)					12SD11 (000.0)				
	Sample Date:	18-FEB-95					15-MAR-95					15-MAR-95				
	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																
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-Bromofluorobenzene	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	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1,2,2-Tetrachloroethane	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1,2-Trichloroethane	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloroethane	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,1-Dichloroethene	mg/kg	.008	<	U	.008	-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	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2,4-Trichlorobenzene	mg/kg															
1,2,4-Trimethylbenzene	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	.006	<	U	.006	-99	.006	<	U	.006	-99
1,2-Dichloroethene	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD12					12SD13					12SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD12 (000.0)					12SD13(000.0)					12SD14(000.0)				
	Sample Date:	15-MAR-95					01-MAR-95					02-MAR-95				
	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																
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-Bromofluorobenzene	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															
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

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

00051532

Report Date: 11/15/04

Page: 191 of 276

Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

12SD15

Central Creek

12SD15

06-OCT-98

.0 - 0

12SD15

Central Creek

12SD15QC

06-OCT-98

.0 - 0

12SD16

Central Creek

12SD16

06-OCT-98

.0 - 0

User Test Group

[illegible]

00051535

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29SD06
Central Creek
29SD06(0.5)
28-APR-93
.0 - 0.5

[illegible]

00051537

Report Date: 11/15/04

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Location Code:

29SD18

Associated Site:

Central Creek

Sample No:

29SD18(0-0.5)

Sample Date:

03-MAY-93

Sample Depth:

.0 - 0.5

User Test Group

[illegible]

SOLIDS

Percent Solids Percent

VOLATILES

[illegible]

00051538

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD23

Central Creek

29SD23

06-OCT-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

m-Cresol
n-Nitroso-di-n-propylamine
n-Nitrosodi-n-butylamine
n-Nitrosodiethylamine
n-Nitrosodimethylamine
n-Nitrosodiphenylamine
p-Bromofluorobenzene
p-Dimethylaminoazobenzene

Percent Solids Percent

1,1,1,2-Tetrachloroethane	mg/kg	.0067	<	U	.0067	.0067
1,1,1-Trichloroethane	mg/kg	.0067	<	U	.0067	.0067
1,1,2,2-Tetrachloroethane	mg/kg	.0067	<	U	.0067	.0067
1,1,2-Trichloroethane	mg/kg	.0067	<	U	.0067	.0067
1,1-Dichloroethane	mg/kg	.0067	<	U	.0067	.0067
1,1-Dichloroethene	mg/kg	.0067	<	U	.0067	.0067
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
1,2,4-Trichlorobenzene	mg/kg	.0067	<	U	.0067	.0067
1,2,4-Trimethylbenzene	mg/kg	.0067	<	U	.0067	.0067
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
1,2-Dichloroethene	mg/kg					

00051539

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD28

Central Creek

29SD28

06-OCT-98

.0 - 0

<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
SEMIVOLATILES																

m-Cresol
n-Nitroso-di-n-propylamine
n-Nitrosodi-n-butylamine
n-Nitrosodiethylamine
n-Nitrosodimethylamine
n-Nitrosodiphenylamine
p-Bromofluorobenzene
p-Dimethylaminoazobenzene

Percent Solids Percent

[illegible]

00051540

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[illegible]

00051541

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Page: 200 of 276

CL-CCS-2

Central Creek

CL-CCS-2 (2)

19-OCT-00

.5 - 1

MDL

m-Cresol
n-Nitroso-di-n-propylamine
n-Nitrosodi-n-butylamine
n-Nitrosodiethylamine
n-Nitrosodimethylamine
n-Nitrosodiphenylamine
p-Bromofluorobenzene
p-Dimethylaminoazobenzene

Percent Solids	Percent

[illegible]

00051542

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[illegible]

00051543

Central Creek Watershed

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CL-HBS-2

Central Creek

CL-HBS-2 (2)

18-OCT-00

.5 - 1

Sample Depth:

VOLATILES						
1,1,1,2-Tetrachloroethane	mg/kg	.00656	<	U	.00656	-99
1,1,1-Trichloroethane	mg/kg	.00656	<	U	.00656	-99
1,1,2,2-Tetrachloroethane	mg/kg	.00656	<	U	.00656	-99
1,1,2-Trichloroethane	mg/kg	.00656	<	U	.00656	-99
1,1-Dichloroethane	mg/kg	.00656	<	U	.00656	-99
1,1-Dichloroethene	mg/kg	.00656	<	U	.00656	-99
1,1-Dichloropropene	mg/kg					
1,2,3-Trichlorobenzene	mg/kg	.00656	<	U	.00656	-99
1,2,3-Trichloropropane	mg/kg	.00656	<	U	.00656	-99
1,2,4-Trichlorobenzene	mg/kg	.00656	<	U	.00656	-99
1,2,4-Trimethylbenzene	mg/kg					
1,2-Dibromo-3-chloropropane	mg/kg	.0328	<	U	.0328	-99
1,2-Dibromoethane	mg/kg	.00656	<	U	.00656	-99
1,2-Dichlorobenzene	mg/kg	.00656	<	U	.00656	-99
1,2-Dichloroethane	mg/kg	.00656	<	U	.00656	-99
1,2-Dichloroethene	mg/kg					

00051544

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-HBS-3

Central Creek

CL-HBS-3 (2)

18-OCT-00

.5 - 1

 $al \quad VO$ [illegible]

Percent Solids	Percent	37.1	0	0	54	0	0	30.9	0	0
		55	0	0	60.4	0	0	72	0	0

[illegible]

00051545

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[illegible]

00051546

Report Date: 11/15/04

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Report Date: 11/15/04

FWS-182

Central Creek

CLNWR182

09-SEP-03

.0 - 0.5

Sample Depth:

RL	MDL

Units

nv

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

Percent

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

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

00051547

Report Date: 11/15/04

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Location Code:

FWS-215

FWS-224

GPCSD09

Associated Site:

Central Creek

Central Creek

Central Creek

Sample No:

CLNWR215

CLNWR224

GPCSD09-981111

Sample Date:

09-SEP-03

09-SEP-03

11-NOV-98

Sample Depth:

.0 - 0.5

.0 - 0.5

.0 - 0

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES																
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg											.48	<	U	.48	.48
n-Nitrosodiphenylamine	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421		.48	<	U	.48	.48
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0346	<	nv	.0346		.0421	<	nv	.0421						

SOLIDS

VOLATILES							
1,1,1,2-Tetrachloroethane	mg/kg	.0071	<	U	.0071	.0071	
1,1,1-Trichloroethane	mg/kg	.0071	<	U	.0071	.0071	
1,1,2,2-Tetrachloroethane	mg/kg	.0071	<	U	.0071	.0071	
1,1,2-Trichloroethane	mg/kg	.0071	<	U	.0071	.0071	
1,1-Dichloroethane	mg/kg	.0071	<	U	.0071	.0071	
1,1-Dichloroethene	mg/kg	.0071	<	U	.0071	.0071	
1,1-Dichloropropene	mg/kg	.0071	<	U	.0071	.0071	
1,2,3-Trichlorobenzene	mg/kg	.0071	<	U	.0071	.0071	
1,2,3-Trichloropropane	mg/kg	.021	<	U	.021	.021	
1,2,4-Trichlorobenzene	mg/kg	.0071	<	U	.0071	.0071	
1,2,4-Trimethylbenzene	mg/kg	.0071	<	U	.0071	.0071	
1,2-Dibromo-3-chloropropane	mg/kg	.014	<	U	.014	.014	
1,2-Dibromoethane	mg/kg	.0071	<	U	.0071	.0071	
1,2-Dichlorobenzene	mg/kg	.0071	<	U	.0071	.0071	
1,2-Dichloroethane	mg/kg	.0071	<	U	.0071	.0071	
1,2-Dichloroethene	mg/kg						

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

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD09
	Associated Site:	Central Creek
	Sample No:	GPCSD09-981203
	Sample Date:	03-DEC-98
	Sample Depth:	.0 - 0

Parameter	Units	Result	Qual	VQ	RL	MDL
SEMIVOLATILES						
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-Bromofluorobenzene	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
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

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

Report Date: 11/15/04

User Test Group	Location Code:	11SD14					11SD14					11SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	LH11-SD14					C940823-11SD14-N00					C940823-11SD14-QC00				
	Sample Date:	31-MAR-93					23-AUG-94					23-AUG-94				
	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-Dichloropropane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg						.012	<	U	.012		.014	<	U	.014	
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.05	<	U	.05	-99	.013			.012		.024			.014	
2-Chloroethyl vinyl ether	mg/kg	.01	<	U	.01	-99	.012	<	U	.012		.014	<	U	.014	
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.05	<	U	.05	-99	.012	<	U	.012		.014	<	U	.014	
2-Propenal	mg/kg						.061	<	U	.061		.068	<	U	.068	
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.1	<	U	.1	-99	.057			.012		.103			.014	
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg						.061	<	U	.061		.068	<	U	.068	
Benzene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
Bromoform	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
Bromomethane	mg/kg	.01	<	U	.01	-99	.012	<	U	.012		.014	<	U	.014	
Carbon disulfide	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
Carbon tetrachloride	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
Chlorobenzene	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	
Chloroethane	mg/kg	.01	<	U	.01	-99	.012	<	U	.012		.014	<	U	.014	
Chloroform	mg/kg	.005	<	U	.005	-99	.006	<	U	.006		.007	<	U	.007	

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD01					12SD02					12SD03				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD01					12SD02					12SD03(0-0.5)				
	Sample Date:	22-APR-93					22-APR-93					03-MAY-93				
	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																
1,2-Dichloropropane	mg/kg	.0067	<	U	.0067	-99	.0064	<	U	.0064	-99	.012	<	U	.012	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.024	<	U	.024	-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	.024	<	U	.024	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.024	<	U	.024	-99
2-Propenal	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.024	<	U	.024	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.024	<	U	.024	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.024	<	U	.024	-99
Benzene	mg/kg	.0067	<	U	.0067	-99	.0064	<	U	.0064	-99	.012	<	U	.012	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0067	<	U	.0067	-99	.0064	<	U	.0064	-99	.012	<	U	.012	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.024	<	U	.024	-99
Carbon disulfide	mg/kg	.0067	<	U	.0067	-99	.0064	<	U	.0064	-99	.012	<	U	.012	-99
Carbon tetrachloride	mg/kg	.0067	<	U	.0067	-99	.0064	<	U	.0064	-99	.012	<	U	.012	-99
Chlorobenzene	mg/kg	.0067	<	U	.0067	-99	.0064	<	U	.0064	-99	.012	<	U	.012	-99
Chloroethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.024	<	U	.024	-99
Chloroform	mg/kg	.0067	<	U	.0067	-99	.0064	<	U	.0064	-99	.012	<	U	.012	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD04					12SD05					12SD06				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD04(000.0)					12SD05(000.0)					12SD06(000.0)				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
	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-Dichloropropane	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-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															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.014	<	U	.014	-99	.067	<	U	.067	-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	.067	<	U	.067	-99	.015	<	U	.015	-99
2-Chloroethyl vinyl ether	mg/kg	.014	<	U	.014	-99	.067	<	U	.067	-99	.015	<	U	.015	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.014	<	U	.014	-99	.067	<	U	.067	-99	.015	<	U	.015	-99
2-Propenal	mg/kg	.071	<	U	.071	-99	.336	<	U	.336	-99	.074	<	U	.074	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.014	<	U	.014	-99	.067	<	U	.067	-99	.015	<	U	.015	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.071	<	U	.071	-99	.336	<	U	.336	-99	.074	<	U	.074	-99
Benzene	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99
Bromoform	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99
Bromomethane	mg/kg	.014	<	U	.014	-99	.067	<	U	.067	-99	.015	<	U	.015	-99
Carbon disulfide	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99
Carbon tetrachloride	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99
Chlorobenzene	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99
Chloroethane	mg/kg	.014	<	U	.014	-99	.067	<	U	.067	-99	.015	<	U	.015	-99
Chloroform	mg/kg	.007	<	U	.007	-99	.034	<	U	.034	-99	.007	<	U	.007	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD07					12SD08					12SD08				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD07(000.0)					12SD08(000.0)					12SD08(000.0)QC				
	Sample Date:	18-FEB-95					18-FEB-95					18-FEB-95				
	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-Dichloropropane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-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															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.014	<	U	.014	-99	.015	<	U	.015	-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	.015	<	U	.015	-99
2-Chloroethyl vinyl ether	mg/kg	.014	<	U	.014	-99	.015	<	U	.015	-99	.015	<	U	.015	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.014	<	U	.014	-99	.015	<	U	.015	-99	.015	<	U	.015	-99
2-Propenal	mg/kg	.072	<	U	.072	-99	.076	<	U	.076	-99	.075	<	U	.075	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.052			.01439	-99	.031			.01524	-99	.076			.01495	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.072	<	U	.072	-99	.076	<	U	.076	-99	.075	<	U	.075	-99
Benzene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99
Bromoform	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99
Bromomethane	mg/kg	.014	<	U	.014	-99	.015	<	U	.015	-99	.015	<	U	.015	-99
Carbon disulfide	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99
Carbon tetrachloride	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99
Chlorobenzene	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99
Chloroethane	mg/kg	.014	<	U	.014	-99	.015	<	U	.015	-99	.015	<	U	.015	-99
Chloroform	mg/kg	.007	<	U	.007	-99	.008	<	U	.008	-99	.007	<	U	.007	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD09					12SD10					12SD11				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD09(000.0)					12SD10 (000.0)					12SD11 (000.0)				
	Sample Date:	18-FEB-95					15-MAR-95					15-MAR-95				
	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-Dichloropropane	mg/kg	.008	<	U	.008	-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															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.015	<	U	.015	-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	.015	<	U	.015	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
2-Chloroethyl vinyl ether	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
2-Propenal	mg/kg	.075	<	U	.075	-99	.063	<	U	.063	-99	.065	<	U	.065	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.03			.01502	-99	.022		U	.01267	-99	.013	<	U	.013	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.075	<	U	.075	-99	.063	<	U	.063	-99	.065	<	U	.065	-99
Benzene	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromoform	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Bromomethane	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Carbon disulfide	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Carbon tetrachloride	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Chlorobenzene	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99
Chloroethane	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Chloroform	mg/kg	.008	<	U	.008	-99	.006	<	U	.006	-99	.006	<	U	.006	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD12					12SD13					12SD14				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD12 (000.0)					12SD13(000.0)					12SD14(000.0)				
	Sample Date:	15-MAR-95					01-MAR-95					02-MAR-95				
	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-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															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.012	<	U	.012	-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	.012	<	U	.012	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
2-Chloroethyl vinyl ether	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
2-Propenal	mg/kg	.062	<	U	.062	-99	.064	<	U	.064	-99	.064	<	U	.064	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.012	<	U	.012	-99	.013	<	U	.013	-99	.013	<	U	.013	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.062	<	U	.062	-99	.064	<	U	.064	-99	.064	<	U	.064	-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	.012	<	U	.012	-99	.013	<	U	.013	-99	.013	<	U	.013	-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
Chlorobenzene	mg/kg	.006	<	U	.006	-99	.006	<	U	.006	-99	.006	<	U	.006	-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	.006	<	U	.006	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD15					12SD15					12SD16				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD15					12SD15QC					12SD16				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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-Dichloropropane	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
1,3-Dichlorobenzene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
1,3-Dichloropropane	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
1,4-Dichlorobenzene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
1,4-Dioxane	mg/kg	1.3	<	U	1.3	1.3	1.3	<	U	1.3	1.3	1.4	<	U	1.4	1.4
2,2-Dichloropropane	mg/kg	.02	<	U	.02	.02	.02	<	U	.02	.02	.02	<	U	.02	.02
2-Butanone	mg/kg	.026	<	U	.026	.026	.027	<	U	.027	.027	.027	<	U	.027	.027
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
2-Hexanone	mg/kg	.026	<	U	.026	.026	.027	<	U	.027	.027	.027	<	U	.027	.027
2-Propenal	mg/kg	.13	<	U	.13	.13	.13	<	U	.13	.13	.14	<	U	.14	.14
4-Chlorotoluene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Acetone	mg/kg	.026	<	U	.026	.026	.027	<	U	.027	.027	.027	<	U	.027	.027
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.13	<	U	.13	.13	.13	<	U	.13	.13	.14	<	U	.14	.14
Benzene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Bromobenzene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Bromochloromethane	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Bromodichloromethane	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Bromoform	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Bromomethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.014	<	U	.014	.014
Carbon disulfide	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Carbon tetrachloride	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.014	<	U	.014	.014
Chlorobenzene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Chloroethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.014	<	U	.014	.014
Chloroform	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD17					12SD18					12SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD17					12SD18					12SD19				
	Sample Date:	06-OCT-98					06-OCT-98					07-OCT-98				
	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-Dichloropropane	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
1,3-Dichlorobenzene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
1,3-Dichloropropane	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
1,4-Dichlorobenzene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
1,4-Dioxane	mg/kg	2	<	U	2	2	1.8	<	U	1.8	1.8	1.5	<	U	1.5	1.5
2,2-Dichloropropane	mg/kg	.03	<	U	.03	.03	.027	<	U	.027	.027	.022	<	U	.022	.022
2-Butanone	mg/kg	.039	<	U	.039	.039	.0097			.037	.037	.029	<	U	.029	.029
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
2-Hexanone	mg/kg	.039	<	U	.039	.039	.037	<	U	.037	.037	.029	<	U	.029	.029
2-Propenal	mg/kg	.2	<	U	.2	.2	.18	<	U	.18	.18	.15	<	U	.15	.15
4-Chlorotoluene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Acetone	mg/kg	.039	<	U	.039	.039	.028			.037	.037	.029	<	U	.029	.029
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.2	<	U	.2	.2	.18	<	U	.18	.18	.15	<	U	.15	.15
Benzene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Bromobenzene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Bromochloromethane	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Bromodichloromethane	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Bromoform	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Bromomethane	mg/kg	.02	<	U	.02	.02	.018	<	U	.018	.018	.015	<	U	.015	.015
Carbon disulfide	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Carbon tetrachloride	mg/kg	.02	<	U	.02	.02	.018	<	U	.018	.018	.015	<	U	.015	.015
Chlorobenzene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Chloroethane	mg/kg	.02	<	U	.02	.02	.018	<	U	.018	.018	.015	<	U	.015	.015
Chloroform	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073

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

Report Date: 11/15/04

User Test Group	Location Code:	12SW01					29SD02					29SD03				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SW01					29SD02(0.5)					29SD03(0.5)				
	Sample Date:	18-APR-93					29-APR-93					29-APR-93				
	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-Dichloropropane	mg/kg	.005	<	U	.005	-99	.0064	<	U	.0064	-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															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.01	<	U	.01	-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	.01	<	U	.01	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.01	<	U	.01	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
2-Propenal	mg/kg	.005	<	U	.005	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.01	<	U	.01	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.01	<	U	.01	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Benzene	mg/kg	.005	<	U	.005	-99	.0064	<	U	.0064	-99	.0061	<	U	.0061	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.005	<	U	.005	-99	.0064	<	U	.0064	-99	.0061	<	U	.0061	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.01	<	U	.01	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Carbon disulfide	mg/kg	.005	<	U	.005	-99	.0064	<	U	.0064	-99	.0061	<	U	.0061	-99
Carbon tetrachloride	mg/kg	.005	<	U	.005	-99	.0064	<	U	.0064	-99	.0061	<	U	.0061	-99
Chlorobenzene	mg/kg	.005	<	U	.005	-99	.0064	<	U	.0064	-99	.0061	<	U	.0061	-99
Chloroethane	mg/kg	.01	<	U	.01	-99	.013	<	U	.013	-99	.012	<	U	.012	-99
Chloroform	mg/kg	.005	<	U	.005	-99	.0064	<	U	.0064	-99	.0061	<	U	.0061	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD04					29SD05					29SD06				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD04(0.5)					29SD05(0.5)					29SD06(0.5)				
	Sample Date:	29-APR-93					29-APR-93					28-APR-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
VOLATILES																
1,2-Dichloropropane	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.0068	<	U	.0068	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.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	.013	<	U	.013	-99	.014	<	U	.014	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
2-Propenal	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
Benzene	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.0068	<	U	.0068	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.0068	<	U	.0068	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
Carbon disulfide	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.0068	<	U	.0068	-99
Carbon tetrachloride	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.0068	<	U	.0068	-99
Chlorobenzene	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.0068	<	U	.0068	-99
Chloroethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
Chloroform	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.0068	<	U	.0068	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD07					29SD08					29SD08				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD07(0.5)					29SD08(0-0.5)					29SD08(0-0.5)QC				
	Sample Date:	28-APR-93					28-APR-93					28-APR-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
VOLATILES																
1,2-Dichloropropane	mg/kg	.0075	<	U	.0075	-99	.0076	<	U	.0076	-99	.0079	<	U	.0079	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.015	<	U	.015	-99	.015	<	U	.015	-99	.016	<	U	.016	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.015	<	U	.015	-99	.015	<	U	.015	-99	.016	<	U	.016	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.015	<	U	.015	-99	.015	<	U	.015	-99	.016	<	U	.016	-99
2-Propenal	mg/kg	.015	<	U	.015	-99	.015	<	U	.015	-99	.016	<	U	.016	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.015	<	U	.015	-99	.015	<	U	.015	-99	.016	<	U	.016	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.015	<	U	.015	-99	.015	<	U	.015	-99	.016	<	U	.016	-99
Benzene	mg/kg	.0075	<	U	.0075	-99	.0076	<	U	.0076	-99	.0079	<	U	.0079	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0075	<	U	.0075	-99	.0076	<	U	.0076	-99	.0079	<	U	.0079	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.015	<	U	.015	-99	.015	<	U	.015	-99	.016	<	U	.016	-99
Carbon disulfide	mg/kg	.0075	<	U	.0075	-99	.0076	<	U	.0076	-99	.0079	<	U	.0079	-99
Carbon tetrachloride	mg/kg	.0075	<	U	.0075	-99	.0076	<	U	.0076	-99	.0079	<	U	.0079	-99
Chlorobenzene	mg/kg	.0075	<	U	.0075	-99	.0076	<	U	.0076	-99	.0079	<	U	.0079	-99
Chloroethane	mg/kg	.015	<	U	.015	-99	.015	<	U	.015	-99	.016	<	U	.016	-99
Chloroform	mg/kg	.0075	<	U	.0075	-99	.0076	<	U	.0076	-99	.0079	<	U	.0079	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD09					29SD18					29SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD09(0-0.5)					29SD18(0-0.5)					29SD19 (000.0)				
	Sample Date:	28-APR-93					03-MAY-93					22-FEB-95				
	Sample Depth:	.0 -0.5					.0 -0.5					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloropropane	mg/kg	.0081	<	U	.0081	-99	.0065	<	U	.0065	-99					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.016	<	U	.016	-99	.013	<	U	.013	-99					
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.016	<	U	.016	-99	.013	<	U	.013	-99					
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.016	<	U	.016	-99	.013	<	U	.013	-99					
2-Propenal	mg/kg	.016	<	U	.016	-99	.013	<	U	.013	-99					
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.045			.016	-99	.027			.013	-99					
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.016	<	U	.016	-99	.013	<	U	.013	-99					
Benzene	mg/kg	.0081	<	U	.0081	-99	.0065	<	U	.0065	-99					
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0081	<	U	.0081	-99	.0065	<	U	.0065	-99					
Bromoform	mg/kg															
Bromomethane	mg/kg	.016	<	U	.016	-99	.013	<	U	.013	-99					
Carbon disulfide	mg/kg	.0081	<	U	.0081	-99	.0065	<	U	.0065	-99					
Carbon tetrachloride	mg/kg	.0081	<	U	.0081	-99	.0065	<	U	.0065	-99					
Chlorobenzene	mg/kg	.0081	<	U	.0081	-99	.0065	<	U	.0065	-99					
Chloroethane	mg/kg	.016	<	U	.016	-99	.013	<	U	.013	-99					
Chloroform	mg/kg	.0081	<	U	.0081	-99	.0065	<	U	.0065	-99					

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD20					29SD21					29SD23				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD20(000.0)					29SD21 (000.0)					29SD23				
	Sample Date:	01-MAR-95					22-FEB-95					06-OCT-98				
	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-Dichloropropane	mg/kg											.0067	<	U	.0067	.0067
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
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg											.0067	<	U	.0067	.0067
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
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg											.0067	<	U	.0067	.0067
2-Hexanone	mg/kg											.027	<	U	.027	.027
2-Propenal	mg/kg											.13	<	U	.13	.13
4-Chlorotoluene	mg/kg											.0067	<	U	.0067	.0067
Acetone	mg/kg											.018			.027	.027
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg											.13	<	U	.13	.13
Benzene	mg/kg											.0067	<	U	.0067	.0067
Bromobenzene	mg/kg											.0067	<	U	.0067	.0067
Bromochloromethane	mg/kg											.0067	<	U	.0067	.0067
Bromodichloromethane	mg/kg											.0067	<	U	.0067	.0067
Bromoform	mg/kg											.0067	<	U	.0067	.0067
Bromomethane	mg/kg											.013	<	U	.013	.013
Carbon disulfide	mg/kg											.0067	<	U	.0067	.0067
Carbon tetrachloride	mg/kg											.013	<	U	.013	.013
Chlorobenzene	mg/kg											.0067	<	U	.0067	.0067
Chloroethane	mg/kg											.013	<	U	.013	.013
Chloroform	mg/kg											.0067	<	U	.0067	.0067

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD23					29SD25					29SD28				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD23QC					29SD25					29SD28				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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-Dichloropropane	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
1,3-Dichlorobenzene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
1,3-Dichloropropane	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
1,4-Dichlorobenzene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
1,4-Dioxane	mg/kg	1.6	<	U	1.6	1.6	1.6	<	U	1.6	1.6	1.4	<	U	1.4	1.4
2,2-Dichloropropane	mg/kg	.024	<	U	.024	.024	.023	<	U	.023	.023	.021	<	U	.021	.021
2-Butanone	mg/kg	.032	<	U	.032	.032	.031	<	U	.031	.031	.028	<	U	.028	.028
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
2-Hexanone	mg/kg	.032	<	U	.032	.032	.031	<	U	.031	.031	.028	<	U	.028	.028
2-Propenal	mg/kg	.16	<	U	.16	.16	.16	<	U	.16	.16	.14	<	U	.14	.14
4-Chlorotoluene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Acetone	mg/kg	.032	<	U	.032	.032	.031	<	U	.031	.031	.028	<	U	.028	.028
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.16	<	U	.16	.16	.16	<	U	.16	.16	.14	<	U	.14	.14
Benzene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Bromobenzene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Bromochloromethane	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Bromodichloromethane	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Bromoform	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Bromomethane	mg/kg	.016	<	U	.016	.016	.016	<	U	.016	.016	.014	<	U	.014	.014
Carbon disulfide	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Carbon tetrachloride	mg/kg	.016	<	U	.016	.016	.016	<	U	.016	.016	.014	<	U	.014	.014
Chlorobenzene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Chloroethane	mg/kg	.016	<	U	.016	.016	.016	<	U	.016	.016	.014	<	U	.014	.014
Chloroform	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007

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

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User Test Group	Location Code:	CL-CCS-1					CL-CCS-1					CL-CCS-1				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-1 (1)					CL-CCS-1(1)					CL-CCS-1 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloropropane	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.0322	<	U	.0322	-99						.0134	<	U	.0134	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.322	<	U	.322	-99						.134	<	U	.134	-99
2-Chloroethyl vinyl ether	mg/kg	.0805	<	U	.0805	-99						.0334	<	U	.0334	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.0805	<	U	.0805	-99						.0334	<	U	.0334	-99
2-Propenal	mg/kg	.322	<	U	.322	-99						.134	<	U	.134	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	1.24			.04	-99						.397			.04	-99
Acetonitrile	mg/kg	.805	<	U	.805	-99						.334	<	U	.334	-99
Acrylonitrile	mg/kg	.322	<	U	.322	-99						.134	<	U	.134	-99
Benzene	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
Bromoform	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
Bromomethane	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
Carbon disulfide	mg/kg	.0355			.002	-99						.00982			.002	-99
Carbon tetrachloride	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
Chlorobenzene	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
Chloroethane	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
Chloroform	mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-CCS-2					CL-CCS-2					CL-CCS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-CCS-2 (1)					CL-CCS-2 (1)QC					CL-CCS-2 (2)				
	Sample Date:	19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloropropane	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.0209	<	U	.0209	-99	.0444	<	U	.0444	-99	.0131	<	U	.0131	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.209	<	U	.209	-99	.444	<	U	.444	-99	.131	<	U	.131	-99
2-Chloroethyl vinyl ether	mg/kg	.0522	<	U	.0522	-99	.111	<	U	.111	-99	.0327	<	U	.0327	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.0522	<	U	.0522	-99	.111	<	U	.111	-99	.0327	<	U	.0327	-99
2-Propenal	mg/kg	.209	<	U	.209	-99	.444	<	U	.444	-99	.131	<	U	.131	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.618			.04	-99	1.33			.04	-99	.282			.04	-99
Acetonitrile	mg/kg	.522	<	U	.522	-99	1.11	<	U	1.11	-99	.327	<	U	.327	-99
Acrylonitrile	mg/kg	.209	<	U	.209	-99	.444	<	U	.444	-99	.131	<	U	.131	-99
Benzene	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
Bromoform	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
Bromomethane	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
Carbon disulfide	mg/kg	.0254			.002	-99	.0828			.002	-99	.00508		J	.002	-99
Carbon tetrachloride	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
Chlorobenzene	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
Chloroethane	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
Chloroform	mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-1					CL-HBS-1					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-1 (1)					CL-HBS-1 (2)					CL-HBS-2 (1)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloropropane	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.0294	<	U	.0294	-99	.0132	<	U	.0132	-99	.0321	<	U	.0321	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.294	<	U	.294	-99	.132	<	U	.132	-99	.321	<	U	.321	-99
2-Chloroethyl vinyl ether	mg/kg	.0735	<	U	.0735	-99	.033	<	U	.033	-99	.0803	<	U	.0803	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.0735	<	U	.0735	-99	.033	<	U	.033	-99	.0803	<	U	.0803	-99
2-Propenal	mg/kg	.294	<	U	.294	-99	.132	<	U	.132	-99	.321	<	U	.321	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.755			.04	-99	.209			.04	-99	1.03			.04	-99
Acetonitrile	mg/kg	.735	<	U	.735	-99	.33	<	U	.33	-99	.803	<	U	.803	-99
Acrylonitrile	mg/kg	.294	<	U	.294	-99	.132	<	U	.132	-99	.321	<	U	.321	-99
Benzene	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
Bromoform	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
Bromomethane	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
Carbon disulfide	mg/kg	.061			.002	-99	.00593			.002	-99	.0314			.002	-99
Carbon tetrachloride	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
Chlorobenzene	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
Chloroethane	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
Chloroform	mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-2					CL-HBS-2					CL-HBS-2				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-2(1)					CL-HBS-2(1)QC					CL-HBS-2 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloropropane	mg/kg											.00656	<	U	.00656	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg											.00656	<	U	.00656	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg											.00656	<	U	.00656	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg											.0131	<	U	.0131	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg											.00656	<	U	.00656	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg											.131	<	U	.131	-99
2-Chloroethyl vinyl ether	mg/kg											.0328	<	U	.0328	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg											.0328	<	U	.0328	-99
2-Propenal	mg/kg											.131	<	U	.131	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg											.201			.04	-99
Acetonitrile	mg/kg											.328	<	U	.328	-99
Acrylonitrile	mg/kg											.131	<	U	.131	-99
Benzene	mg/kg											.00656	<	U	.00656	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg											.00656	<	U	.00656	-99
Bromoform	mg/kg											.00656	<	U	.00656	-99
Bromomethane	mg/kg											.00656	<	U	.00656	-99
Carbon disulfide	mg/kg											.00824			.002	-99
Carbon tetrachloride	mg/kg											.00656	<	U	.00656	-99
Chlorobenzene	mg/kg											.00656	<	U	.00656	-99
Chloroethane	mg/kg											.00656	<	U	.00656	-99
Chloroform	mg/kg											.00656	<	U	.00656	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-3					CL-HBS-3					CL-HBS-3				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-3 (1)					CL-HBS-3 (1)QC					CL-HBS-3 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloropropane	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.0146	<	U	.0146	-99	.0168	<	U	.0168	-99	.004	<	U	.004	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.146	<	U	.146	-99	.168	<	U	.168	-99	.04	<	U	.04	-99
2-Chloroethyl vinyl ether	mg/kg	.0364	<	U	.0364	-99	.042	<	U	.042	-99	.01	<	U	.01	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.0364	<	U	.0364	-99	.042	<	U	.042	-99	.01	<	U	.01	-99
2-Propenal	mg/kg	.146	<	U	.146	-99	.168	<	U	.168	-99	.04	<	U	.04	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.353			.04	-99	.295			.04	-99	.0609			.04	-99
Acetonitrile	mg/kg	.364	<	U	.364	-99	.42	<	U	.42	-99	.1	<	U	.1	-99
Acrylonitrile	mg/kg	.146	<	U	.146	-99	.168	<	U	.168	-99	.04	<	U	.04	-99
Benzene	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
Bromoform	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
Bromomethane	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
Carbon disulfide	mg/kg	.0209			.002	-99	.0498			.002	-99	.00603			.002	-99
Carbon tetrachloride	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
Chlorobenzene	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
Chloroethane	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
Chloroform	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99

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

Report Date: 11/15/04

User Test Group	Location Code:	CL-HBS-4					CL-HBS-4					CL-HBS-4				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-4 (1)					CL-HBS-4(1)					CL-HBS-4 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloropropane	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.0452	<	U	.0452	-99						.0278	<	U	.0278	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.452	<	U	.452	-99						.278	<	U	.278	-99
2-Chloroethyl vinyl ether	mg/kg	.113	<	U	.113	-99						.0696	<	U	.0696	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.113	<	U	.113	-99						.0696	<	U	.0696	-99
2-Propenal	mg/kg	.452	<	U	.452	-99						.278	<	U	.278	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.909			.04	-99						.683			.04	-99
Acetonitrile	mg/kg	1.13	<	U	1.13	-99						.696	<	U	.696	-99
Acrylonitrile	mg/kg	.452	<	U	.452	-99						.278	<	U	.278	-99
Benzene	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
Bromoform	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
Bromomethane	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
Carbon disulfide	mg/kg	.0265			.002	-99						.0358			.002	-99
Carbon tetrachloride	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
Chlorobenzene	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
Chloroethane	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
Chloroform	mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99

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Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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FWS-182

Central Creek

CLNWR182

09-SEP-03

.0 - 0.5

<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

1,2-Dichloropropane
1,2-Dimethylbenzene (o-Xylene)
1,3,5-Trimethylbenzene
1,3-Dichlorobenzene
1,3-Dichloropropane
1,3-Dimethylbenzene (m-Xylene)
1,4-Dichloro-2-butene
1,4-Dichlorobenzene
1,4-Dioxane
2,2-Dichloropropane
2-Butanone
2-Chloroethyl vinyl ether
2-Chlorotoluene
2-Hexanone
2-Propenal
4-Chlorotoluene
Acetone
Acetonitrile
Acrylonitrile
Benzene
Bromobenzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Chloroethane
Chloroform

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

Report Date: 11/15/04

User Test Group	Location Code:	FWS-215					FWS-224					GPCSD09				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR215					CLNWR224					GPCSD09-981111				
	Sample Date:	09-SEP-03					09-SEP-03					11-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloropropane	mg/kg											.0071	<	U	.0071	.0071
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg											.0071	<	U	.0071	.0071
1,3-Dichlorobenzene	mg/kg											.0071	<	U	.0071	.0071
1,3-Dichloropropane	mg/kg											.0071	<	U	.0071	.0071
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg											.0071	<	U	.0071	.0071
1,4-Dichlorobenzene	mg/kg											.0071	<	U	.0071	.0071
1,4-Dioxane	mg/kg											1.4	<	U	1.4	1.4
2,2-Dichloropropane	mg/kg											.021	<	U	.021	.021
2-Butanone	mg/kg											.029	<	U	.029	.029
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg											.0071	<	U	.0071	.0071
2-Hexanone	mg/kg											.029	<	U	.029	.029
2-Propenal	mg/kg											.14	<	U	.14	.14
4-Chlorotoluene	mg/kg											.0071	<	U	.0071	.0071
Acetone	mg/kg											.0036		J	.029	.029
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg											.14	<	U	.14	.14
Benzene	mg/kg											.0071	<	U	.0071	.0071
Bromobenzene	mg/kg											.0071	<	U	.0071	.0071
Bromochloromethane	mg/kg											.0071	<	U	.0071	.0071
Bromodichloromethane	mg/kg											.0071	<	U	.0071	.0071
Bromoform	mg/kg											.0071	<	U	.0071	.0071
Bromomethane	mg/kg											.014	<	U	.014	.014
Carbon disulfide	mg/kg											.0071	<	U	.0071	.0071
Carbon tetrachloride	mg/kg											.014	<	U	.014	.014
Chlorobenzene	mg/kg											.0071	<	U	.0071	.0071
Chloroethane	mg/kg											.014	<	U	.014	.014
Chloroform	mg/kg											.0071	<	U	.0071	.0071

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

Report Date: 11/15/04

User Test Group

Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

GPCSD09

Central Creek

GPCSD09-981203

03-DEC-98

.0 - 0

Parameter	Units	Result	Qual	VQ	RL	MDL
VOLATILES						
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					
1,3-Dimethylbenzene (m-Xylene)	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					
Acetonitrile	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					
Chlorobenzene	mg/kg					
Chloroethane	mg/kg					
Chloroform	mg/kg					

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11SD14
Central Creek
C940823-11SD14-QC00
23-AUG-94
.0 - 0

[illegible]

00051573

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12SD01

12SD02

12SD03

Central Creek

Central Creek

Central Creek

12SD01

12SD02

12SD03(0-0.5)

22-APR-93

22-APR-93

03-MAY-93

.0 - 0

.0 - 0

.0 - 0.5

[illegible]

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[illegible]

00051575

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[illegible]

00051576

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[illegible]

00051577

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<i>Location Code:</i>	12SD12	12SD13	12SD14
<i>Associated Site:</i>	Central Creek	Central Creek	Central Creek
<i>Sample No.:</i>	12SD12 (000.0)	12SD13(000.0)	12SD14(000.0)
<i>Sample Date:</i>	15-MAR-95	01-MAR-95	02-MAR-95
<i>Sample Depth:</i>	.0 - 0	.0 - 0	.0 - 0

[illegible]

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

Report Date: 11/15/04

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User Test Group	Location Code:	12SD15					12SD15					12SD16				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD15					12SD15QC					12SD16				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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																
Chloromethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.014	<	U	.014	.014
Dibromochloromethane	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Dibromomethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.014	<	U	.014	.014
Dichlorodifluoromethane	mg/kg	.02	<	U	.02	.02	.02	<	U	.02	.02	.02	<	U	.02	.02
Ethyl methacrylate	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Ethylbenzene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Hexachlorobutadiene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
IODOMETHANE	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
ISOBUTYL ALCOHOL	mg/kg	1.3	<	U	1.3	1.3	1.3	<	U	1.3	1.3	1.4	<	U	1.4	1.4
Isopropylbenzene	mg/kg	.0099			.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
METHYL METHACRYLATE	mg/kg	.066	<	U	.066	.066	.067	<	U	.067	.067	.068	<	U	.068	.068
Methacrylonitrile	mg/kg	.13	<	U	.13	.13	.13	<	U	.13	.13	.14	<	U	.14	.14
Methyl isobutyl ketone	mg/kg	.026	<	U	.026	.026	.027	<	U	.027	.027	.027	<	U	.027	.027
Methylene chloride	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Naphthalene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Pentachloroethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.014	<	U	.014	.014
Propionitrile	mg/kg	.13	<	U	.13	.13	.13	<	U	.13	.13	.14	<	U	.14	.14
Styrene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Tetrachloroethene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Toluene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
Trichloroethene	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.014	<	U	.014	.014
Trichlorofluoromethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.014	<	U	.014	.014
Vinyl acetate	mg/kg	.026	<	U	.026	.026	.027	<	U	.027	.027	.027	<	U	.027	.027
Vinyl chloride	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.014	<	U	.014	.014
Xylenes, Total	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
cis-1,2-Dichloroethene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
cis-1,3-Dichloropropene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
n-BUTYLBENZENE	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
n-PROPYLBENZENE	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
p-ISOPROPYLTOLUENE	mg/kg	.005			.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068

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

Report Date: 11/15/04

User Test Group	Location Code:	12SD17					12SD18					12SD19				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	12SD17					12SD18					12SD19				
	Sample Date:	06-OCT-98					06-OCT-98					07-OCT-98				
	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																
Chloromethane	mg/kg	.02	<	U	.02	.02	.018	<	U	.018	.018	.015	<	U	.015	.015
Dibromochloromethane	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Dibromomethane	mg/kg	.02	<	U	.02	.02	.018	<	U	.018	.018	.015	<	U	.015	.015
Dichlorodifluoromethane	mg/kg	.03	<	U	.03	.03	.027	<	U	.027	.027	.022	<	U	.022	.022
Ethyl methacrylate	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Ethylbenzene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Hexachlorobutadiene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
IODOMETHANE	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
ISOBUTYL ALCOHOL	mg/kg	2	<	U	2	2	.061			1.8	1.8	1.5	<	U	1.5	1.5
Isopropylbenzene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
METHYL METHACRYLATE	mg/kg	.099	<	U	.099	.099	.091	<	U	.091	.091	.073	<	U	.073	.073
Methacrylonitrile	mg/kg	.2	<	U	.2	.2	.18	<	U	.18	.18	.15	<	U	.15	.15
Methyl isobutyl ketone	mg/kg	.039	<	U	.039	.039	.037	<	U	.037	.037	.029	<	U	.029	.029
Methylene chloride	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Naphthalene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Pentachloroethane	mg/kg	.02	<	U	.02	.02	.018	<	U	.018	.018	.015	<	U	.015	.015
Propionitrile	mg/kg	.2	<	U	.2	.2	.18	<	U	.18	.18	.15	<	U	.15	.15
Styrene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Tetrachloroethene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
Toluene	mg/kg	.0098	<	U	.0098	.0098	.0076			.0091	.0091	.0073	<	U	.0073	.0073
Trichloroethene	mg/kg	.02	<	U	.02	.02	.018	<	U	.018	.018	.015	<	U	.015	.015
Trichlorofluoromethane	mg/kg	.02	<	U	.02	.02	.018	<	U	.018	.018	.015	<	U	.015	.015
Vinyl acetate	mg/kg	.039	<	U	.039	.039	.037	<	U	.037	.037	.029	<	U	.029	.029
Vinyl chloride	mg/kg	.02	<	U	.02	.02	.018	<	U	.018	.018	.015	<	U	.015	.015
Xylenes, Total	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
cis-1,2-Dichloroethene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
cis-1,3-Dichloropropene	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
n-BUTYLBENZENE	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
n-PROPYLBENZENE	mg/kg	.0098	<	U	.0098	.0098	.0091	<	U	.0091	.0091	.0073	<	U	.0073	.0073
p-ISOPROPYLTOLUENE	mg/kg	.0098	<	U	.0098	.0098	.048			.0091	.0091	.0073	<	U	.0073	.0073

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	Location Code:	29SD04	29SD05	29SD06
	Associated Site:	Central Creek	Central Creek	Central Creek
	Sample No:	29SD04(0.5)	29SD05(0.5)	29SD06(0.5)
	Sample Date:	29-APR-93	29-APR-93	28-APR-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				
Chloromethane	mg/kg	.013 < U .013 -99	.013 < U .013 -99	.014 < U .014 -99
Dibromochloromethane	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Dibromomethane	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Dichlorodifluoromethane	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Ethyl methacrylate	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Ethylbenzene	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Hexachlorobutadiene	mg/kg			
IODOMETHANE	mg/kg	.013 < U .013 -99	.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	.013 < U .013 -99	.014 < U .014 -99
Methylene chloride	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Naphthalene	mg/kg			
Pentachloroethane	mg/kg			
Propionitrile	mg/kg			
Styrene	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Tetrachloroethene	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Toluene	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Trichloroethene	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Trichlorofluoromethane	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Vinyl acetate	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
Vinyl chloride	mg/kg	.013 < U .013 -99	.013 < U .013 -99	.014 < U .014 -99
Xylenes, Total	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
cis-1,2-Dichloroethene	mg/kg	.0063 < U .0063 -99	.0063 < U .0063 -99	.0068 < U .0068 -99
cis-1,3-Dichloropropene	mg/kg			
n-BUTYLBENZENE	mg/kg			
n-PROPYLBENZENE	mg/kg			
p-ISOPROPYLTOLUENE	mg/kg			

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[illegible]

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29SD19
Central Creek
29SD19 (000.0)
22-FEB-95
.0 - 0

[illegible]

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD20					29SD21					29SD23				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD20(000.0)					29SD21 (000.0)					29SD23				
	Sample Date:	01-MAR-95					22-FEB-95					06-OCT-98				
	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																
Chloromethane	mg/kg											.013	<	U	.013	.013
Dibromochloromethane	mg/kg											.0067	<	U	.0067	.0067
Dibromomethane	mg/kg											.013	<	U	.013	.013
Dichlorodifluoromethane	mg/kg											.02	<	U	.02	.02
Ethyl methacrylate	mg/kg											.0067	<	U	.0067	.0067
Ethylbenzene	mg/kg											.0067	<	U	.0067	.0067
Hexachlorobutadiene	mg/kg											.0067	<	U	.0067	.0067
IODOMETHANE	mg/kg											.0067	<	U	.0067	.0067
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
Methylene chloride	mg/kg											.0036			.0067	.0067
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
Tetrachloroethene	mg/kg											.0067	<	U	.0067	.0067
Toluene	mg/kg											.0067	<	U	.0067	.0067
Trichloroethene	mg/kg											.013	<	U	.013	.013
Trichlorofluoromethane	mg/kg											.013	<	U	.013	.013
Vinyl acetate	mg/kg											.027	<	U	.027	.027
Vinyl chloride	mg/kg											.013	<	U	.013	.013
Xylenes, Total	mg/kg											.0067	<	U	.0067	.0067
cis-1,2-Dichloroethene	mg/kg											.0067	<	U	.0067	.0067
cis-1,3-Dichloropropene	mg/kg											.0067	<	U	.0067	.0067
n-BUTYLBENZENE	mg/kg											.0067	<	U	.0067	.0067
n-PROPYLBENZENE	mg/kg											.0067	<	U	.0067	.0067
p-ISOPROPYLTOLUENE	mg/kg											.0067	<	U	.0067	.0067

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

Report Date: 11/15/04

User Test Group	Location Code:	29SD23					29SD25					29SD28				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	29SD23QC					29SD25					29SD28				
	Sample Date:	06-OCT-98					06-OCT-98					06-OCT-98				
	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																
Chloromethane	mg/kg	.016	<	U	.016	.016	.016	<	U	.016	.016	.014	<	U	.014	.014
Dibromochloromethane	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Dibromomethane	mg/kg	.016	<	U	.016	.016	.016	<	U	.016	.016	.014	<	U	.014	.014
Dichlorodifluoromethane	mg/kg	.024	<	U	.024	.024	.023	<	U	.023	.023	.021	<	U	.021	.021
Ethyl methacrylate	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Ethylbenzene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Hexachlorobutadiene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
IODOMETHANE	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
ISOBUTYL ALCOHOL	mg/kg	1.6	<	U	1.6	1.6	1.6	<	U	1.6	1.6	1.4	<	U	1.4	1.4
Isopropylbenzene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
METHYL METHACRYLATE	mg/kg	.081	<	U	.081	.081	.078	<	U	.078	.078	.07	<	U	.07	.07
Methacrylonitrile	mg/kg	.16	<	U	.16	.16	.16	<	U	.16	.16	.14	<	U	.14	.14
Methyl isobutyl ketone	mg/kg	.032	<	U	.032	.032	.031	<	U	.031	.031	.028	<	U	.028	.028
Methylene chloride	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Naphthalene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Pentachloroethane	mg/kg	.016	<	U	.016	.016	.016	<	U	.016	.016	.014	<	U	.014	.014
Propionitrile	mg/kg	.16	<	U	.16	.16	.16	<	U	.16	.16	.14	<	U	.14	.14
Styrene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Tetrachloroethene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Toluene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
Trichloroethene	mg/kg	.016	<	U	.016	.016	.016	<	U	.016	.016	.014	<	U	.014	.014
Trichlorofluoromethane	mg/kg	.016	<	U	.016	.016	.016	<	U	.016	.016	.014	<	U	.014	.014
Vinyl acetate	mg/kg	.032	<	U	.032	.032	.031	<	U	.031	.031	.028	<	U	.028	.028
Vinyl chloride	mg/kg	.016	<	U	.016	.016	.016	<	U	.016	.016	.014	<	U	.014	.014
Xylenes, Total	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
cis-1,2-Dichloroethene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
cis-1,3-Dichloropropene	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
n-BUTYLBENZENE	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
n-PROPYLBENZENE	mg/kg	.0081	<	U	.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007
p-ISOPROPYLTOLUENE	mg/kg	.0049			.0081	.0081	.0078	<	U	.0078	.0078	.007	<	U	.007	.007

00051586

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-CCS-1

Central Creek

CL-CCS-1 (2)

19-OCT-00

.5 - 1

-1- VC

[illegible]

00051587

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-CCS-2

Central Creek

CL-CCS-2 (2)

19-OCT-00

.5 - 1

[illegible]

00051588

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	Location Code:	CL-HBS-1	CL-HBS-1	CL-HBS-2
	Associated Site:	Central Creek	Central Creek	Central Creek
	Sample No:	CL-HBS-1 (1)	CL-HBS-1 (2)	CL-HBS-2 (1)
	Sample Date:	18-OCT-00	18-OCT-00	18-OCT-00
User Test Group	Sample Depth:	.0 -0.5	.5 - 1	.0 -0.5
Parameter	Units	Result Qual VQ RL MDL	Result Qual VQ RL MDL	Result Qual VQ RL MDL
VOLATILES				
Chloromethane	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Dibromochloromethane	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Dibromomethane	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Dichlorodifluoromethane	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Ethyl methacrylate	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Ethylbenzene	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Hexachlorobutadiene	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
IODOMETHANE	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
ISOBUTYL ALCOHOL	mg/kg			
Isopropylbenzene	mg/kg			
METHYL METHACRYLATE	mg/kg	.0735 < U .0735 -99	.033 < U .033 -99	.0803 < U .0803 -99
Methacrylonitrile	mg/kg	.147 < U .147 -99	.066 < U .066 -99	.161 < U .161 -99
Methyl isobutyl ketone	mg/kg	.0735 < U .0735 -99	.033 < U .033 -99	.0803 < U .0803 -99
Methylene chloride	mg/kg	.0735 < U .0735 -99	.033 < U .033 -99	.0803 < U .0803 -99
Naphthalene	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Pentachloroethane	mg/kg			
Propionitrile	mg/kg	.147 < U .147 -99	.066 < U .066 -99	.161 < U .161 -99
Styrene	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Tetrachloroethene	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Toluene	mg/kg	.0276 .00362 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Trichloroethene	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Trichlorofluoromethane	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Vinyl acetate	mg/kg	.147 < U .147 -99	.066 < U .066 -99	.161 < U .161 -99
Vinyl chloride	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
Xylenes, Total	mg/kg			
cis-1,2-Dichloroethene	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
cis-1,3-Dichloropropene	mg/kg	.0147 < U .0147 -99	.0066 < U .0066 -99	.0161 < U .0161 -99
n-BUTYLBENZENE	mg/kg			
n-PROPYLBENZENE	mg/kg			
p-ISOPROPYLTOLUENE	mg/kg			

00051589

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-HBS-2

Central Creek

CL-HBS-2 (2)

18-OCT-00

.5 - 1

Sample Depth:

[illegible]

00051590

Longhorn Army Ammunition Plant, Karnack, Texas

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CL-HBS-3

Central Creek

CL-HBS-3 (2)

18-OCT-00

.5 - 1

Sample Depth:

[illegible]

00051591

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-HBS-4

Central Creek

CL-HBS-4 (2)

18-OCT-00

.5 - 1

 $\text{del} = VC$

User Test Group

[illegible]

00051592

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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FWS-182

Central Creek

CLNWR182

09-SEP-03

.0 - 0.5

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

M

Chloromethane
Dibromochloromethane
Dibromomethane
Dichlorodifluoromethane
Ethyl methacrylate
Ethylbenzene
Hexachlorobutadiene
Iodomethane
ISOBUTYL ALCOHOL
Isopropylbenzene
METHYL METHACRYLATE
Methacrylonitrile
Methyl isobutyl ketone
Methylene chloride
Naphthalene
Pentachloroethane
Propionitrile
Styrene
Tetrachloroethene
Toluene
Trichloroethene
Trichlorofluoromethane
Vinyl acetate
Vinyl chloride
Xylenes, Total
cis-1,2-Dichloroethene
cis-1,3-Dichloropropene
n-BUTYLBENZENE
n-PROPYLBENZENE
p-ISOPROPYLTOLUENE

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

Report Date: 11/15/04

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User Test Group	Location Code:	FWS-215					FWS-224					GPCSD09				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CLNWR215					CLNWR224					GPCSD09-981111				
	Sample Date:	09-SEP-03					09-SEP-03					11-NOV-98				
	Sample Depth:	.0 -0.5					.0 -0.5					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chloromethane	mg/kg											.014	<	U	.014	.014
Dibromochloromethane	mg/kg											.0071	<	U	.0071	.0071
Dibromomethane	mg/kg											.014	<	U	.014	.014
Dichlorodifluoromethane	mg/kg											.021	<	U	.021	.021
Ethyl methacrylate	mg/kg											.0071	<	U	.0071	.0071
Ethylbenzene	mg/kg											.0071	<	U	.0071	.0071
Hexachlorobutadiene	mg/kg											.0071	<	U	.0071	.0071
IODOMETHANE	mg/kg											.0071	<	U	.0071	.0071
ISOBUTYL ALCOHOL	mg/kg											1.4	<	U	1.4	1.4
Isopropylbenzene	mg/kg											.0071	<	U	.0071	.0071
METHYL METHACRYLATE	mg/kg											.072	<	U	.072	.072
Methacrylonitrile	mg/kg											.14	<	U	.14	.14
Methyl isobutyl ketone	mg/kg											.029	<	U	.029	.029
Methylene chloride	mg/kg											.0071	<	U	.0071	.0071
Naphthalene	mg/kg											.0071	<	U	.0071	.0071
Pentachloroethane	mg/kg											.014	<	U	.014	.014
Propionitrile	mg/kg											.14	<	U	.14	.14
Styrene	mg/kg											.0071	<	U	.0071	.0071
Tetrachloroethene	mg/kg											.0071	<	U	.0071	.0071
Toluene	mg/kg											.0071	<	U	.0071	.0071
Trichloroethene	mg/kg											.0012		J	.014	.014
Trichlorofluoromethane	mg/kg											.014	<	U	.014	.014
Vinyl acetate	mg/kg											.029	<	U	.029	.029
Vinyl chloride	mg/kg											.014	<	U	.014	.014
Xylenes, Total	mg/kg											.0071	<	U	.0071	.0071
cis-1,2-Dichloroethene	mg/kg											.0071	<	U	.0071	.0071
cis-1,3-Dichloropropene	mg/kg											.0071	<	U	.0071	.0071
n-BUTYLBENZENE	mg/kg											.0071	<	U	.0071	.0071
n-PROPYLBENZENE	mg/kg											.0071	<	U	.0071	.0071
p-ISOPROPYLTOLUENE	mg/kg											.0071	<	U	.0071	.0071

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

Report Date: 11/15/04

User Test Group

Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

GPCSD09

Central Creek

GPCSD09-981203

03-DEC-98

.0 - 0

Parameter	Units	Result	Qual	VQ	RL	MDL
VOLATILES						
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					
n-BUTYLBENZENE	mg/kg					
n-PROPYLBENZENE	mg/kg					
p-ISOPROPYLTOLUENE	mg/kg					

00051595

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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11SD14

Central Creek

C940823-11SD14-QC00

23-AUG-94

.0 - 0

MDL

VOLATILES

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

.007

00051596

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD03

Central Creek

12SD03(0-0.5)

03-MAY-93

.0 - 0.5

<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

00051597

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD06

Central Creek

12SD06(000.0)

18-FEB-95

.0 - 0

<i>RL</i>	<i>MDL</i>

VOLATILES

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

.007

 $\angle$

U

.007

-99

.034

<

U

.034

-99

.007

 $\angle$

U

.007

-99

00051598

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD08

Central Creek

12SD08(000.0)QC

18-FEB-95

.0 - 0

MDL

mg/kg

-99

00051599

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD11

Central Creek

12SD11 (000.0)

15-MAR-95

.0 - 0

MDL

mg/kg

-99

00051600

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD14

Central Creek

12SD14(000.0)

02-MAR-95

.0 - 0

MDL

VOLATILES

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

00051601

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD16

Central Creek

12SD16

06-OCT-98

.0 - 0

<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
VOLATILES																
sec-BUTYLBENZENE	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
tert-BUTYLBENZENE	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
trans-1,2-Dichloroethene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
trans-1,3-Dichloropropene	mg/kg	.0066	<	U	.0066	.0066	.0067	<	U	.0067	.0067	.0068	<	U	.0068	.0068
trans-1,4-Dichloro-2-butene	mg/kg	.					.			.		.				

00051602

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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12SD19

Central Creek

12SD19

07-OCT-98

.0 - 0

[illegible]

00051603

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD03

Central Creek

29SD03(0.5)

29-APR-93

.0 - 0.5

MDL

Units

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

00051604

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD06

Central Creek

29SD06(0.5)

28-APR-93

.0 - 0.5

MDL

-99

-99

00051606

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD19

Central Creek

29SD19 (000.0)

22-FEB-95

.0 - 0

<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

00051608

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD28

Central Creek

29SD28

06-OCT-98

.0 - 0

[illegible]

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

Report Date: 11/15/04

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User Test Group	Location Code:		CL-CCS-1					CL-CCS-1					CL-CCS-1				
	Associated Site:		Central Creek					Central Creek					Central Creek				
	Sample No:		CL-CCS-1 (1)					CL-CCS-1(1)					CL-CCS-1 (2)				
	Sample Date:		19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:		.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter		Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
sec-BUTYLBENZENE		mg/kg															
tert-BUTYLBENZENE		mg/kg															
trans-1,2-Dichloroethene		mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
trans-1,3-Dichloropropene		mg/kg	.0161	<	U	.0161	-99						.00668	<	U	.00668	-99
trans-1,4-Dichloro-2-butene		mg/kg	.0805	<	U	.0805	-99						.0334	<	U	.0334	-99

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

Report Date: 11/15/04

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User Test Group	Location Code:		CL-CCS-2					CL-CCS-2					CL-CCS-2				
	Associated Site:		Central Creek					Central Creek					Central Creek				
	Sample No:		CL-CCS-2 (1)					CL-CCS-2 (1)QC					CL-CCS-2 (2)				
	Sample Date:		19-OCT-00					19-OCT-00					19-OCT-00				
	Sample Depth:		.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter		Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
sec-BUTYLBENZENE		mg/kg															
tert-BUTYLBENZENE		mg/kg															
trans-1,2-Dichloroethene		mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
trans-1,3-Dichloropropene		mg/kg	.0104	<	U	.0104	-99	.0222	<	U	.0222	-99	.00654	<	U	.00654	-99
trans-1,4-Dichloro-2-butene		mg/kg	.0522	<	U	.0522	-99	.111	<	U	.111	-99	.0327	<	U	.0327	-99

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

Report Date: 11/15/04

User Test Group	Location Code:		CL-HBS-1					CL-HBS-1					CL-HBS-2				
	Associated Site:		Central Creek					Central Creek					Central Creek				
	Sample No:		CL-HBS-1 (1)					CL-HBS-1 (2)					CL-HBS-2 (1)				
	Sample Date:		18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:		.0 - 0.5					.5 - 1					.0 - 0.5				
Parameter		Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
sec-BUTYLBENZENE		mg/kg															
tert-BUTYLBENZENE		mg/kg															
trans-1,2-Dichloroethene		mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
trans-1,3-Dichloropropene		mg/kg	.0147	<	U	.0147	-99	.0066	<	U	.0066	-99	.0161	<	U	.0161	-99
trans-1,4-Dichloro-2-butene		mg/kg	.0735	<	U	.0735	-99	.033	<	U	.033	-99	.0803	<	U	.0803	-99

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

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User Test Group	Location Code:		CL-HBS-2					CL-HBS-2					CL-HBS-2				
	Associated Site:		Central Creek					Central Creek					Central Creek				
	Sample No:		CL-HBS-2(1)					CL-HBS-2(1)QC					CL-HBS-2 (2)				
	Sample Date:		18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:		.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter		Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
sec-BUTYLBENZENE		mg/kg															
tert-BUTYLBENZENE		mg/kg															
trans-1,2-Dichloroethene		mg/kg											.00656	<	U	.00656	-99
trans-1,3-Dichloropropene		mg/kg											.00656	<	U	.00656	-99
trans-1,4-Dichloro-2-butene		mg/kg											.0328	<	U	.0328	-99

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

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User Test Group	Location Code:	CL-HBS-3					CL-HBS-3					CL-HBS-3				
	Associated Site:	Central Creek					Central Creek					Central Creek				
	Sample No:	CL-HBS-3 (1)					CL-HBS-3 (1)QC					CL-HBS-3 (2)				
	Sample Date:	18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
trans-1,3-Dichloropropene	mg/kg	.00728	<	U	.00728	-99	.0084	<	U	.0084	-99	.002	<	U	.002	-99
trans-1,4-Dichloro-2-butene	mg/kg	.0364	<	U	.0364	-99	.042	<	U	.042	-99	.01	<	U	.01	-99

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

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User Test Group	Location Code:		CL-HBS-4					CL-HBS-4					CL-HBS-4				
	Associated Site:		Central Creek					Central Creek					Central Creek				
	Sample No:		CL-HBS-4 (1)					CL-HBS-4(1)					CL-HBS-4 (2)				
	Sample Date:		18-OCT-00					18-OCT-00					18-OCT-00				
	Sample Depth:		.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter		Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
sec-BUTYLBENZENE		mg/kg															
tert-BUTYLBENZENE		mg/kg															
trans-1,2-Dichloroethene		mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
trans-1,3-Dichloropropene		mg/kg	.0226	<	U	.0226	-99						.0139	<	U	.0139	-99
trans-1,4-Dichloro-2-butene		mg/kg	.113	<	U	.113	-99						.0696	<	U	.0696	-99

00051615

Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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FWS-182

Central Creek

CLNWR182

09-SEP-03

.0 - 0.5

[illegible]

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Central Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD09

Central Creek

GPCSD09-981111

11-NOV-98

.0 - 0

<i>RL</i>	<i>MDL</i>

<i>RL</i>	<i>MDL</i>

.0071 < U .0071 .0071

.0071 < U .0071 .0071

.0071 < U .0071 .0071

.0071 < U .0071 .0071

mg/kg

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

Report Date: 11/15/04

User Test Group

Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

GPCSD09

Central Creek

GPCSD09-981203

03-DEC-98

.0 - 0

Parameter	Units	Result	Qual	VQ	RL	MDL
VOLATILES						
sec-BUTYLBENZENE	mg/kg					
tert-BUTYLBENZENE	mg/kg					
trans-1,2-Dichloroethene	mg/kg					
trans-1,3-Dichloropropene	mg/kg					
trans-1,4-Dichloro-2-butene	mg/kg					

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<i>Location Code:</i>	11SW13	11SW14	12SW01
<i>Associated Site:</i>	Central Creek	Central Creek	Central Creek
<i>Sample No:</i>	LH11-SW13	LH11-SW14	C-12SW01-930518
<i>Sample Date:</i>	31-MAR-93	31-MAR-93	18-MAY-93

User Test Group

<i>Parameter</i>	<i>Elt Units</i>	<i>Result Qual VQ RL MDL</i>	<i>Result Qual VQ RL MDL</i>	<i>Result Qual VQ RL MDL</i>
DIOXINS_FURANS				
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/L			
1,2,3,4,6,7,8-HpCDD	pg/L			
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/L			
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/L			
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/L			
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	pg/L			
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/L			
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	pg/L			
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/L			
1,2,3,7,8-Pentachlordibenzo-p-dioxin	pg/L			
1,2,3,7,8-Pentachlorodibenzofuran	pg/L			
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/L			
2,3,4,7,8-Pentachlorodibenzofuran	pg/L			
2,3,7,8-TCDD	pg/L			
2,3,7,8-TCDF	pg/L			
Heptachlorodibenzo-p-dioxin	pg/L			
Heptachlorodibenzofuran	pg/L			
Hexachlорidibenzo-p-dioxin	pg/L			
Hexachlorodibenzofuran	pg/L			
Octachlorodibenzo-p-dioxin	pg/L			
Octachlorodibenzofuran	pg/L			
Pentachlorodibenzo-p-dioxin	pg/L			
Pentachlorodibenzofuran	pg/L			
Tetrachlorodibenzo-p-dioxin	pg/L			
Tetrachlorodibenzofuran, Total	pg/L			

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<i>Location Code:</i>	12SW02	12SW03	12SW04
<i>Associated Site:</i>	Central Creek	Central Creek	Central Creek
<i>Sample No:</i>	12SW02	12SW03	12SW04(WATER)
<i>Sample Date:</i>	04-MAY-93	18-MAY-93	18-FEB-95

User Test Group

[illegible]

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12SW07

Central Creek

12SW07(WATER)

18-FEB-95

[illegible]

00051621

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12SW09

Central Creek

12SW09(WATER)

18-FEB-95

[illegible]

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12SW12

Central Creek

12SW12(WATER)

15-MAR-95

[illegible]

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

Report Date: 11/12/04

Location Code:	12SW13	12SW14	12SW15
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW13(WATER)	12SW14(WATER)	12SW15
Sample Date:	01-MAR-95	02-MAR-95	06-OCT-98

User Test Group

Parameter	Flt	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		pg/L											1.605	<	U	1.605	-99
1,2,3,4,6,7,8-HpCDD		pg/L											2.455	<	U	2.455	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran		pg/L											2.143	<	U	2.143	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		pg/L											3.139	<	U	3.139	-99
1,2,3,4,7,8-Hexachlorodibenzofuran		pg/L											1.64	<	U	1.64	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin		pg/L											1.753	<	U	1.753	-99
1,2,3,6,7,8-Hexachlorodibenzofuran		pg/L											1.093	<	U	1.093	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin		pg/L											2.082	<	U	2.082	-99
1,2,3,7,8,9-Hexachlorodibenzofuran		pg/L											1.784	<	U	1.784	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin		pg/L											2.005	<	U	2.005	-99
1,2,3,7,8-Pentachlorodibenzofuran		pg/L											2.159	<	U	2.159	-99
2,3,4,6,7,8-Hexachlorodibenzofuran		pg/L											1.601	<	U	1.601	-99
2,3,4,7,8-Pentachlorodibenzofuran		pg/L											2.254	<	U	2.254	-99
2,3,7,8-TCDD		pg/L											2.32	<	U	2.32	-99
2,3,7,8-TCDF		pg/L											2.027	<	U	2.027	-99
Heptachlorodibenzo-p-dioxin		pg/L											2.455	<	U	2.455	-99
Heptachlorodibenzofuran		pg/L											1.605	<	U	1.605	-99
Hexachloridibenzo-p-dioxin		pg/L											1.753	<	U	1.753	-99
Hexachlorodibenzofuran		pg/L											1.093	<	U	1.093	-99
Octachlorodibenzo-p-dioxin		pg/L											31.445			3.082	-99
Octachlorodibenzofuran		pg/L											2.585	<	U	2.585	-99
Pentachlorodibenzo-p-dioxin		pg/L											2.005	<	U	2.005	-99
Pentachlorodibenzofuran		pg/L											2.254	<	U	2.254	-99
Tetrachlorodibenzo-p-dioxin		pg/L											2.32	<	U	2.32	-99
Tetrachlorodibenzofuran, Total		pg/L											2.027	<	U	2.027	-99

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

Report Date: 11/12/04

Location Code:	12SW15	12SW16	12SW17
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW15QC	12SW16	12SW17A
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	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		pg/L	1.99	<	U	1.99	-99						2.29	<	U	2.29	-99
1,2,3,4,6,7,8-HpCDD		pg/L	1.7	<	U	1.7	-99						4.74	<	U	4.74	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran		pg/L	2.66	<	U	2.66	-99						3.06	<	U	3.06	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		pg/L	4.52	<	U	4.52	-99						5.19	<	U	5.19	-99
1,2,3,4,7,8-Hexachlorodibenzofuran		pg/L	2.41	<	U	2.41	-99						2.74	<	U	2.74	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin		pg/L	2.53	<	U	2.53	-99						2.9	<	U	2.9	-99
1,2,3,6,7,8-Hexachlorodibenzofuran		pg/L	1.61	<	U	1.61	-99						1.83	<	U	1.83	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin		pg/L	3	<	U	3	-99						3.44	<	U	3.44	-99
1,2,3,7,8,9-Hexachlorodibenzofuran		pg/L	2.62	<	U	2.62	-99						2.98	<	U	2.98	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin		pg/L	2.45	<	U	2.45	-99						3.19	<	U	3.19	-99
1,2,3,7,8-Pentachlorodibenzofuran		pg/L	2.01	<	U	2.01	-99						2.16	<	U	2.16	-99
2,3,4,6,7,8-Hexachlorodibenzofuran		pg/L	2.35	<	U	2.35	-99						2.67	<	U	2.67	-99
2,3,4,7,8-Pentachlorodibenzofuran		pg/L	2.1	<	U	2.1	-99						2.25	<	U	2.25	-99
2,3,7,8-TCDD		pg/L	4.56	<	U	4.56	-99						7.33	<	U	7.33	-99
2,3,7,8-TCDF		pg/L	5.05	<	U	5.05	-99						5.88	<	U	5.88	-99
Heptachlorodibenzo-p-dioxin		pg/L	1.7	<	U	1.7	-99						4.74	<	U	4.74	-99
Heptachlorodibenzofuran		pg/L	1.99	<	U	1.99	-99						2.29	<	U	2.29	-99
Hexachloridibenzo-p-dioxin		pg/L	2.53	<	U	2.53	-99						2.9	<	U	2.9	-99
Hexachlorodibenzofuran		pg/L	1.61	<	U	1.61	-99						1.83	<	U	1.83	-99
Octachlorodibenzo-p-dioxin		pg/L	23.1			2.49	-99						39.1			3.27	-99
Octachlorodibenzofuran		pg/L	3.65	<	U	3.65	-99						2.53	<	U	2.53	-99
Pentachlorodibenzo-p-dioxin		pg/L	2.45	<	U	2.45	-99						3.19	<	U	3.19	-99
Pentachlorodibenzofuran		pg/L	2.1	<	U	2.1	-99						2.25	<	U	2.25	-99
Tetrachlorodibenzo-p-dioxin		pg/L	4.56	<	U	4.56	-99						7.33	<	U	7.33	-99
Tetrachlorodibenzofuran, Total		pg/L	5.05	<	U	5.05	-99						5.88	<	U	5.88	-99

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

Report Date: 11/12/04

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Location Code:	12SW18	12SW19	29SW02
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW18	12SW19	29SW02
Sample Date:	06-OCT-98	07-OCT-98	25-MAY-93

User Test Group

Parameter	Flt	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		pg/L						2.89	<	U	2.89	-99					
1,2,3,4,6,7,8-HpCDD		pg/L						5.15	<	U	5.15	-99					
1,2,3,4,7,8,9-Heptachlorodibenzofuran		pg/L						3.86	<	U	3.86	-99					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		pg/L						7.85	<	U	7.85	-99					
1,2,3,4,7,8-Hexachlorodibenzofuran		pg/L						4.4	<	U	4.4	-99					
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin		pg/L						4.38	<	U	4.38	-99					
1,2,3,6,7,8-Hexachlorodibenzofuran		pg/L						2.93	<	U	2.93	-99					
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin		pg/L						5.2	<	U	5.2	-99					
1,2,3,7,8,9-Hexachlorodibenzofuran		pg/L						4.78	<	U	4.78	-99					
1,2,3,7,8-Pentachlordibenzo-p-dioxin		pg/L						2.74	<	U	2.74	-99					
1,2,3,7,8-Pentachlorodibenzofuran		pg/L						2.23	<	U	2.23	-99					
2,3,4,6,7,8-Hexachlorodibenzofuran		pg/L						4.29	<	U	4.29	-99					
2,3,4,7,8-Pentachlorodibenzofuran		pg/L						2.33	<	U	2.33	-99					
2,3,7,8-TCDD		pg/L						6.8	<	U	6.8	-99					
2,3,7,8-TCDF		pg/L						5.57	<	UJ	5.57	-99					
Heptachlorodibenzo-p-dioxin		pg/L						5.15	<	U	5.15	-99					
Heptachlorodibenzofuran		pg/L						2.89	<	U	2.89	-99					
Hexachloridibenzo-p-dioxin		pg/L						4.38	<	U	4.38	-99					
Hexachlorodibenzofuran		pg/L						2.93	<	U	2.93	-99					
Octachlorodibenzo-p-dioxin		pg/L						50.8			4.39	-99					
Octachlorodibenzofuran		pg/L						2.46	<	U	2.46	-99					
Pentachlorodibenzo-p-dioxin		pg/L						2.74	<	U	2.74	-99					
Pentachlorodibenzofuran		pg/L						2.33	<	U	2.33	-99					
Tetrachlorodibenzo-p-dioxin		pg/L						6.8	<	U	6.8	-99					
Tetrachlorodibenzofuran, Total		pg/L						5.57	<	U	5.57	-99					

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[illegible]

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<i>Location Code:</i>	29SW06	29SW07	29SW08
<i>Associated Site:</i>	Central Creek	Central Creek	Central Creek
<i>Sample No:</i>	29SW06	29SW07	29SW08
<i>Sample Date:</i>	20-MAY-93	13-MAY-93	12-MAY-93

User Test Group

[illegible]

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[illegible]

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29SW21

Central Creek

29SW21(WATER)

22-FEB-95

MD

pg/L

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

Report Date: 11/12/04

Location Code:	29SW23	29SW23	29SW25
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW23	29SW23QC	29SW25
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	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		pg/L	2.09	<	U	2.09	-99	2.52	<	U	2.52	-99					
1,2,3,4,6,7,8-HpCDD		pg/L	4.04	<	U	4.04	-99	2.68	<	U	2.68	-99					
1,2,3,4,7,8,9-Heptachlorodibenzofuran		pg/L	2.8	<	U	2.8	-99	3.37	<	U	3.37	-99					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		pg/L	4.93	<	U	4.93	-99	5.05	<	U	5.05	-99					
1,2,3,4,7,8-Hexachlorodibenzofuran		pg/L	1.73	<	U	1.73	-99	2.78	<	U	2.78	-99					
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin		pg/L	2.76	<	U	2.76	-99	2.82	<	U	2.82	-99					
1,2,3,6,7,8-Hexachlorodibenzofuran		pg/L	1.15	<	U	1.15	-99	1.85	<	U	1.85	-99					
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin		pg/L	3.27	<	U	3.27	-99	3.35	<	U	3.35	-99					
1,2,3,7,8,9-Hexachlorodibenzofuran		pg/L	1.88	<	U	1.88	-99	3.03	<	U	3.03	-99					
1,2,3,7,8-Pentachlordibenzo-p-dioxin		pg/L	3.57	<	U	3.57	-99	4.51	<	U	4.51	-99					
1,2,3,7,8-Pentachlorodibenzofuran		pg/L	2.34	<	U	2.34	-99	3	<	UJ	3	-99					
2,3,4,6,7,8-Hexachlorodibenzofuran		pg/L	1.69	<	U	1.69	-99	2.72	<	U	2.72	-99					
2,3,4,7,8-Pentachlorodibenzofuran		pg/L	2.45	<	U	2.45	-99	3.14	<	UJ	3.14	-99					
2,3,7,8-TCDD		pg/L	6.6	<	U	6.6	-99	6.88	<	UJ	6.88	-99					
2,3,7,8-TCDF		pg/L	3.87	<	U	3.87	-99	6.42	<	UJ	6.42	-99					
Heptachlorodibenzo-p-dioxin		pg/L	4.04	<	U	4.04	-99	2.68	<	U	2.68	-99					
Heptachlorodibenzofuran		pg/L	2.09	<	U	2.09	-99	2.52	<	U	2.52	-99					
Hexachloridibenzo-p-dioxin		pg/L	2.76	<	U	2.76	-99	2.82	<	U	2.82	-99					
Hexachlorodibenzofuran		pg/L	1.15	<	U	1.15	-99	1.85	<	U	1.85	-99					
Octachlorodibenzo-p-dioxin		pg/L	52.5			2.98	-99	35.3			3.22	-99					
Octachlorodibenzofuran		pg/L	1.92	<	U	1.92	-99	3.02	<	U	3.02	-99					
Pentachlorodibenzo-p-dioxin		pg/L	3.57	<	U	3.57	-99	4.51	<	U	4.51	-99					
Pentachlorodibenzofuran		pg/L	2.45	<	U	2.45	-99	3.14	<	U	3.14	-99					
Tetrachlorodibenzo-p-dioxin		pg/L	6.6	<	U	6.6	-99	6.88	<	U	6.88	-99					
Tetrachlorodibenzofuran, Total		pg/L	3.87	<	U	3.87	-99	6.42	<	U	6.42	-99					

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User Test Group

[illegible]

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Central Creek Watershed
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Location Code:	11SW13	11SW14	12SW01
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	LH11-SW13	LH11-SW14	C-12SW01-930518
Sample Date:	31-MAR-93	31-MAR-93	18-MAY-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	0.26	<	U	0.26	-99
1,3-Dinitrobenzene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.11	<	UJ	0.11	-99
2,4,6-Trinitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.11	<	UJ	0.11	-99
2,4-Dinitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.02	<	UJ	0.02	-99
2,6-Dinitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.31	<	UJ	0.31	-99
2-Amino-4,6-dinitrotoluene		ug/L											0.035	<	UJ	0.035	-99
4-Amino-2,6-dinitrotoluene		ug/L											0.06	<	U	0.06	-99
HMX		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.8	<	UJ	0.8	-99
NIOBIUM		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99					
Nitrobenzene		ug/L											0.25	<	UJ	0.25	-99
RDX		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.84	<	U	0.84	-99
Tetryl		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.8	<	U	0.8	-99
m-Nitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.25	<	UJ	0.25	-99
o-Nitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.25	<	UJ	0.25	-99
p-Nitrotoluene		ug/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.25	<	U	0.25	-99
GEN CHEMISTRY																	
Chloride		mg/L	2.6			1	-99	2.6			1	-99	3.8			2	-99
Hardness		mg/L															
Nitrate		mg/L	0.26			0.01	-99	0.37			0.01	-99	0.1	<	U	0.1	-99
Nitrate / Nitrite		mg/L															
Specific Conductivity		umhos											64			0	0
Sulfate		mg/L	3			1	-99	1	<	U	1	-99	2.1			2	-99
Temperature		Deg C											23.1			0	0
pH		STD UNIT											6.15			0	0

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Summary of Validated Surface Water Data
Central Creek Watershed
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Location Code:	12SW02	12SW03	12SW04
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW02	12SW03	12SW04(WATER)
Sample Date:	04-MAY-93	18-MAY-93	18-FEB-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	0.26	<	U	0.26	-99	0.26	<	U	0.26	-99	0.5	<	U	0.5	-99
1,3-Dinitrobenzene		ug/L	0.11	<	UJ	0.11	-99	0.11	<	UJ	0.11	-99	0.2	<	U	0.2	-99
2,4,6-Trinitrotoluene		ug/L	0.11	<	UJ	0.11	-99	0.11	<	UJ	0.11	-99	0.7	<	U	0.7	-99
2,4-Dinitrotoluene		ug/L	0.02	<	UJ	0.02	-99	0.02	<	UJ	0.02	-99	0.5	<	UJ	0.5	-99
2,6-Dinitrotoluene		ug/L	0.31	<	UJ	0.31	-99	0.31	<	UJ	0.31	-99	0.5	<	U	0.5	-99
2-Amino-4,6-dinitrotoluene		ug/L	0.035	<	UJ	0.035	-99	0.035	<	UJ	0.035	-99	0.5	<	UJ	0.5	-99
4-Amino-2,6-dinitrotoluene		ug/L	0.06	<	U	0.06	-99	0.06	<	U	0.06	-99	0.6	<	U	0.6	-99
HMX		ug/L	0.8	<	UJ	0.8	-99	0.8	<	UJ	0.8	-99	0.4	<	U	0.4	-99
NIOBIUM		ug/L															
Nitrobenzene		ug/L	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.6	<	UJ	0.6	-99
RDX		ug/L	0.84	<	U	0.84	-99	0.84	<	U	0.84	-99	0.6	<	U	0.6	-99
Tetryl		ug/L	0.8	<	U	0.8	-99	0.8	<	U	0.8	-99	0.4	<	U	0.4	-99
m-Nitrotoluene		ug/L	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.4	<	UJ	0.4	-99
o-Nitrotoluene		ug/L	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.6	<	UJ	0.6	-99
p-Nitrotoluene		ug/L	0.25	<	U	0.25	-99	0.25	<	U	0.25	-99	0.4	<	U	0.4	-99
GEN CHEMISTRY																	
Chloride		mg/L	2	<	U	2	-99	4.6			2	-99					
Hardness		mg/L															
Nitrate		mg/L	5.47			0.1	-99	0.1	<	U	0.1	-99					
Nitrate / Nitrite		mg/L															
Specific Conductivity		umhos	65			0	0	70			0	0					
Sulfate		mg/L	2	<	U	2	-99	2	<	U	2	-99					
Temperature		Deg C	22.9			0	0	23.4			0	0					
pH		STD UNIT	6.52			0	0	6.13			0	0					

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Location Code:	12SW05	12SW06	12SW07
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW05(WATER)	12SW06(WATER)	12SW07(WATER)
Sample Date:	18-FEB-95	18-FEB-95	18-FEB-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	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99
1,3-Dinitrobenzene		ug/L	0.2	<	U	0.2	-99	0.2	<	U	0.2	-99	0.64			0.2	-99
2,4,6-Trinitrotoluene		ug/L	0.7	<	U	0.7	-99	0.7	<	U	0.7	-99	0.7	<	U	0.7	-99
2,4-Dinitrotoluene		ug/L	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99
2,6-Dinitrotoluene		ug/L	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99
2-Amino-4,6-dinitrotoluene		ug/L	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99
4-Amino-2,6-dinitrotoluene		ug/L	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99
HMX		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99
NIOBIUM		ug/L															
Nitrobenzene		ug/L	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99
RDX		ug/L	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99
Tetryl		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99
m-Nitrotoluene		ug/L	0.4	<	UJ	0.4	-99	0.4	<	UJ	0.4	-99	0.4	<	UJ	0.4	-99
o-Nitrotoluene		ug/L	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99
p-Nitrotoluene		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99

GEN CHEMISTRY

Chloride	mg/L
Hardness	mg/L
Nitrate	mg/L
Nitrate / Nitrite	mg/L
Specific Conductivity	umhos
Sulfate	mg/L
Temperature	Deg C
pH	STD UNIT

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Location Code:	12SW08	12SW08	12SW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW08(WATER)	12SW08(WATER)QC	12SW09(WATER)
Sample Date:	18-FEB-95	18-FEB-95	18-FEB-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	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99
1,3-Dinitrobenzene		ug/L	0.2	<	U	0.2	-99	0.2	<	U	0.2	-99	0.2	<	U	0.2	-99
2,4,6-Trinitrotoluene		ug/L	0.7	<	U	0.7	-99	0.7	<	U	0.7	-99	0.7	<	U	0.7	-99
2,4-Dinitrotoluene		ug/L	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99
2,6-Dinitrotoluene		ug/L	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99
2-Amino-4,6-dinitrotoluene		ug/L	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99
4-Amino-2,6-dinitrotoluene		ug/L	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99
HMX		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99
NIOBIUM		ug/L															
Nitrobenzene		ug/L	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99
RDX		ug/L	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99
Tetryl		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99
m-Nitrotoluene		ug/L	0.4	<	UJ	0.4	-99	0.4	<	UJ	0.4	-99	0.4	<	UJ	0.4	-99
o-Nitrotoluene		ug/L	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99
p-Nitrotoluene		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99

GEN CHEMISTRY

Chloride	mg/L
Hardness	mg/L
Nitrate	mg/L
Nitrate / Nitrite	mg/L
Specific Conductivity	umhos
Sulfate	mg/L
Temperature	Deg C
pH	STD UNIT

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Location Code:	12SW10	12SW11	12SW12
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW10(WATER)	12SW11(WATER)	12SW12(WATER)
Sample Date:	15-MAR-95	15-MAR-95	15-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	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99
1,3-Dinitrobenzene		ug/L	0.2	<	U	0.2	-99	0.2	<	U	0.2	-99	0.2	<	U	0.2	-99
2,4,6-Trinitrotoluene		ug/L	0.7	<	U	0.7	-99	0.7	<	U	0.7	-99	0.7	<	U	0.7	-99
2,4-Dinitrotoluene		ug/L	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99
2,6-Dinitrotoluene		ug/L	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99
2-Amino-4,6-dinitrotoluene		ug/L	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99
4-Amino-2,6-dinitrotoluene		ug/L	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99
HMX		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99
NIOBIUM		ug/L															
Nitrobenzene		ug/L	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99
RDX		ug/L	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99
Tetryl		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99
m-Nitrotoluene		ug/L	0.4	<	UJ	0.4	-99	0.4	<	UJ	0.4	-99	0.4	<	UJ	0.4	-99
o-Nitrotoluene		ug/L	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99
p-Nitrotoluene		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99

GEN CHEMISTRY

Chloride	mg/L
Hardness	mg/L
Nitrate	mg/L
Nitrate / Nitrite	mg/L
Specific Conductivity	umhos
Sulfate	mg/L
Temperature	Deg C
pH	STD UNIT

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User Test Group

<i>Parameter</i>	<i>Flt Units</i>	<i>Result Qual VQ RL MDL</i>	<i>Result Qual VQ RL MDL</i>	<i>Result Qual VQ RL MDL</i>
EXPLOSIVES				
1,3,5-Trinitrobenzene	ug/L	0.5 < UJ 0.5 -99	0.5 < U 0.5 -99	0.39 < U 0.39 0.39
1,3-Dinitrobenzene	ug/L	0.2 < UJ 0.2 -99	0.2 < U 0.2 -99	0.13 < U 0.13 0.13
2,4,6-Trinitrotoluene	ug/L	0.7 < UJ 0.7 -99	0.7 < U 0.7 -99	0.26 < U 0.26 0.26
2,4-Dinitrotoluene	ug/L	0.5 < UJ 0.5 -99	0.5 < UJ 0.5 -99	0.26 < U 0.26 0.26
2,6-Dinitrotoluene	ug/L	0.5 < UJ 0.5 -99	0.5 < U 0.5 -99	0.26 < U 0.26 0.26
2-Amino-4,6-dinitrotoluene	ug/L	0.5 < UJ 0.5 -99	0.5 < UJ 0.5 -99	0.13 < U 0.13 0.13
4-Amino-2,6-dinitrotoluene	ug/L	0.6 < UJ 0.6 -99	0.6 < U 0.6 -99	0.13 < U 0.13 0.13
HMX	ug/L	0.4 < UJ 0.4 -99	0.4 < U 0.4 -99	0.26 < U 0.26 0.26
NIOBIUM	ug/L			
Nitrobenzene	ug/L	0.6 < UJ 0.6 -99	0.6 < UJ 0.6 -99	0.26 < U 0.26 0.26
RDX	ug/L	0.6 < UJ 0.6 -99	0.6 < U 0.6 -99	0.26 < U 0.26 0.26
Tetryl	ug/L	0.4 < UJ 0.4 -99	0.4 < U 0.4 -99	0.26 < U 0.26 0.26
m-Nitrotoluene	ug/L	0.4 < UJ 0.4 -99	0.4 < UJ 0.4 -99	0.26 < U 0.26 0.26
o-Nitrotoluene	ug/L	0.6 < UJ 0.6 -99	0.6 < UJ 0.6 -99	0.26 < U 0.26 0.26
p-Nitrotoluene	ug/L	0.4 < UJ 0.4 -99	0.4 < U 0.4 -99	0.26 < U 0.26 0.26
GEN CHEMISTRY				
Chloride	mg/L			1.26 0.2 0.2
Hardness	mg/L			
Nitrate	mg/L			
Nitrate / Nitrite	mg/L			0.138 0.1 0.1
Specific Conductivity	umhos			
Sulfate	mg/L			2.6 2 2
Temperature	Deg C			
pH	STD UNIT			

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User Test Group

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Exhibit 1
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Location Code:	12SW18	12SW19	29SW02
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW18	12SW19	29SW02
Sample Date:	06-OCT-98	07-OCT-98	25-MAY-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	0.39	<	U	0.39	0.39	0.39	<	UJ	0.39	0.39	0.26	<	U	0.26	-99
1,3-Dinitrobenzene		ug/L	0.13	<	U	0.13	0.13	0.13	<	UJ	0.13	0.13	0.11	<	UJ	0.11	-99
2,4,6-Trinitrotoluene		ug/L	0.26	<	U	0.26	0.26	0.26	<	UJ	0.26	0.26	0.11	<	UJ	0.11	-99
2,4-Dinitrotoluene		ug/L	0.26	<	U	0.26	0.26	0.26	<	UJ	0.26	0.26	0.02	<	UJ	0.02	-99
2,6-Dinitrotoluene		ug/L	0.26	<	U	0.26	0.26	0.26	<	UJ	0.26	0.26	0.31	<	UJ	0.31	-99
2-Amino-4,6-dinitrotoluene		ug/L	0.13	<	U	0.13	0.13	0.13	<	UJ	0.13	0.13	0.035	<	UJ	0.035	-99
4-Amino-2,6-dinitrotoluene		ug/L	0.13	<	U	0.13	0.13	0.13	<	UJ	0.13	0.13	0.06	<	U	0.06	-99
HMX		ug/L	0.26	<	U	0.26	0.26	0.26	<	UJ	0.26	0.26	0.8	<	UJ	0.8	-99
NIOBIUM		ug/L															
Nitrobenzene		ug/L	0.26	<	U	0.26	0.26	0.26	<	UJ	0.26	0.26	0.25	<	UJ	0.25	-99
RDX		ug/L	0.26	<	U	0.26	0.26	0.26	<	UJ	0.26	0.26	0.84	<	U	0.84	-99
Tetryl		ug/L	0.26	<	U	0.26	0.26	0.26	<	UJ	0.26	0.26	0.8	<	UR	0.8	-99
m-Nitrotoluene		ug/L	0.26	<	U	0.26	0.26	0.26	<	UJ	0.26	0.26	0.25	<	UJ	0.25	-99
o-Nitrotoluene		ug/L	0.26	<	U	0.26	0.26	0.26	<	UJ	0.26	0.26	0.25	<	UJ	0.25	-99
p-Nitrotoluene		ug/L	0.26	<	U	0.26	0.26	0.26	<	UJ	0.26	0.26	0.25	<	U	0.25	-99
GEN CHEMISTRY																	
Chloride		mg/L	2.21			0.2	0.2	1.57			0.2	0.2	2.5			2	-99
Hardness		mg/L															
Nitrate		mg/L											0.1	<	U	0.1	-99
Nitrate / Nitrite		mg/L	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1					
Specific Conductivity		umhos											95			0	0
Sulfate		mg/L	4.6			2	2	5			2	2	9			2	-99
Temperature		Deg C											20.3			0	0
pH		STD UNIT											6.16			0	0

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

Report Date: 11/12/04

Location Code:	29SW03	29SW04	29SW05
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW03	29SW04	29SW05
Sample Date:	19-MAY-93	19-MAY-93	13-MAY-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	0.26	<	U	0.26	-99	0.26	<	U	0.26	-99	0.26	<	U	0.26	-99
1,3-Dinitrobenzene		ug/L	0.11	<	UJ	0.11	-99	0.11	<	UJ	0.11	-99	0.11	<	UJ	0.11	-99
2,4,6-Trinitrotoluene		ug/L	0.11	<	UJ	0.11	-99	0.11	<	UJ	0.11	-99	0.11	<	UJ	0.11	-99
2,4-Dinitrotoluene		ug/L	0.02	<	UJ	0.02	-99	0.02	<	UJ	0.02	-99	0.02	<	UJ	0.02	-99
2,6-Dinitrotoluene		ug/L	0.31	<	UJ	0.31	-99	0.31	<	UJ	0.31	-99	0.31	<	UJ	0.31	-99
2-Amino-4,6-dinitrotoluene		ug/L	0.035	<	UJ	0.035	-99	0.035	<	UJ	0.035	-99	0.035	<	UJ	0.035	-99
4-Amino-2,6-dinitrotoluene		ug/L	0.06	<	U	0.06	-99	0.06	<	U	0.06	-99	0.06	<	U	0.06	-99
HMX		ug/L	0.8	<	UJ	0.8	-99	0.8	<	UJ	0.8	-99	0.8	<	U	0.8	-99
NIOBIUM		ug/L															
Nitrobenzene		ug/L	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99
RDX		ug/L	0.84	<	U	0.84	-99	0.84	<	U	0.84	-99	0.84	<	U	0.84	-99
Tetryl		ug/L	0.8	<	U	0.8	-99	0.8	<	U	0.8	-99	0.8	<	U	0.8	-99
m-Nitrotoluene		ug/L	0.37		UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99
o-Nitrotoluene		ug/L	2.1		UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99
p-Nitrotoluene		ug/L	1.3			0.25	-99	0.25	<	U	0.25	-99	0.25	<	U	0.25	-99
GEN CHEMISTRY																	
Chloride		mg/L	2	<	U	2	-99	3.5			2	-99	2	<	U	2	-99
Hardness		mg/L															
Nitrate		mg/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.13			0.1	-99
Nitrate / Nitrite		mg/L															
Specific Conductivity		umhos	31			0	0	53			0	0	270			0	0
Sulfate		mg/L	4.1			2	-99	5			2	-99	10.3			2	-99
Temperature		Deg C	18.3			0	0	18.6			0	0	21.7			0	0
pH		STD UNIT											7.32			0	0

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Summary of Validated Surface Water Data
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Location Code:	29SW06	29SW07	29SW08
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW06	29SW07	29SW08
Sample Date:	20-MAY-93	13-MAY-93	12-MAY-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	0.26	<	U	0.26	-99	0.26	<	U	0.26	-99	0.26	<	U	0.26	-99
1,3-Dinitrobenzene		ug/L	0.11	<	UJ	0.11	-99	0.11	<	UJ	0.11	-99	0.11	<	UJ	0.11	-99
2,4,6-Trinitrotoluene		ug/L	0.11	<	UJ	0.11	-99	0.11	<	UJ	0.11	-99	0.11	<	UJ	0.11	-99
2,4-Dinitrotoluene		ug/L	0.02	<	UJ	0.02	-99	0.02	<	UJ	0.02	-99	0.02	<	UJ	0.02	-99
2,6-Dinitrotoluene		ug/L	0.31	<	UJ	0.31	-99	0.31	<	UJ	0.31	-99	0.31	<	UJ	0.31	-99
2-Amino-4,6-dinitrotoluene		ug/L	0.035	<	UJ	0.035	-99	0.035	<	UJ	0.035	-99	0.035	<	UJ	0.035	-99
4-Amino-2,6-dinitrotoluene		ug/L	0.06	<	U	0.06	-99	0.06	<	U	0.06	-99	0.06	<	U	0.06	-99
HMX		ug/L	0.8	<	UJ	0.8	-99	0.8	<	U	0.8	-99	0.8	<	U	0.8	-99
NIOBIUM		ug/L															
Nitrobenzene		ug/L	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99
RDX		ug/L	0.84	<	U	0.84	-99	0.84	<	U	0.84	-99	0.84	<	U	0.84	-99
Tetryl		ug/L	0.8	<	U	0.8	-99	0.8	<	U	0.8	-99	0.8	<	U	0.8	-99
m-Nitrotoluene		ug/L	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99
o-Nitrotoluene		ug/L	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99
p-Nitrotoluene		ug/L	0.25	<	U	0.25	-99	0.25	<	U	0.25	-99	0.25	<	U	0.25	-99
GEN CHEMISTRY																	
Chloride		mg/L	6.6			2	-99	2	<	U	2	-99	2.1			2	-99
Hardness		mg/L															
Nitrate		mg/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99
Nitrate / Nitrite		mg/L															
Specific Conductivity		umhos	110			0	0	91			0	0	1100			0	0
Sulfate		mg/L	8.3			2	-99	9.7			2	-99	14.9			2	-99
Temperature		Deg C	20.1			0	0	25			0	0	20.3			0	0
pH		STD UNIT	6.69			0	0	6.88			0	0	6.51			0	0

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Summary of Validated Surface Water Data
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Location Code:	29SW09	29SW09	29SW18
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW09	29SW09-QC	29SW18
Sample Date:	12-MAY-93	12-MAY-93	03-MAY-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	0.26	<	U	0.26	-99	0.26	<	U	0.26	-99	0.26	<	U	0.26	-99
1,3-Dinitrobenzene		ug/L	0.11	<	UJ	0.11	-99	0.11	<	U	0.11	-99	0.11	<	UJ	0.11	-99
2,4,6-Trinitrotoluene		ug/L	0.11	<	UJ	0.11	-99	0.11	<	U	0.11	-99	0.11	<	UJ	0.11	-99
2,4-Dinitrotoluene		ug/L	0.02	<	UJ	0.02	-99	0.02	<	UJ	0.02	-99	0.02	<	U	0.02	-99
2,6-Dinitrotoluene		ug/L	0.31	<	UJ	0.31	-99	0.31	<	U	0.31	-99	0.31	<	UJ	0.31	-99
2-Amino-4,6-dinitrotoluene		ug/L	0.035	<	UJ	0.035	-99	0.035	<	UJ	0.035	-99	0.035	<	UJ	0.035	-99
4-Amino-2,6-dinitrotoluene		ug/L	0.06	<	U	0.06	-99	0.06	<	U	0.06	-99	0.06	<	U	0.06	-99
HMX		ug/L	0.8	<	U	0.8	-99	0.8	<	U	0.8	-99	0.8	<	UJ	0.8	-99
NIOBIUM		ug/L															
Nitrobenzene		ug/L	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.25	<	U	0.25	-99
RDX		ug/L	0.84	<	U	0.84	-99	0.84	<	U	0.84	-99	0.84	<	U	0.84	-99
Tetryl		ug/L	0.8	<	UR	0.8	-99	0.8	<	U	0.8	-99	0.8	<	U	0.8	-99
m-Nitrotoluene		ug/L	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.25	<	U	0.25	-99
o-Nitrotoluene		ug/L	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99	0.25	<	UJ	0.25	-99
p-Nitrotoluene		ug/L	0.25	<	U	0.25	-99	0.25	<	U	0.25	-99	0.25	<	U	0.25	-99
GEN CHEMISTRY																	
Chloride		mg/L	2	<	U	2	-99	2	<	U	2	-99	3.4			0.4	-99
Hardness		mg/L															
Nitrate		mg/L	0.1	<	U	0.1	-99	0.1	<	U	0.1	-99	0.05	<	U	0.05	-99
Nitrate / Nitrite		mg/L															
Specific Conductivity		umhos	75			0	0						96			0	0
Sulfate		mg/L	5.1			2	-99	5.2			2	-99	5.12			0.4	-99
Temperature		Deg C	19.5			0	0						17.3			0	0
pH		STD UNIT	6.5			0	0						6.9			0	0

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Summary of Validated Surface Water Data
Central Creek Watershed
Longhorn Army Ammunition Plan, Karnack, Texas

Report Date: 11/12/04

Location Code:	29SW19	29SW20	29SW21
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW19(WATER)	29SW20(WATER)	29SW21(WATER)
Sample Date:	22-FEB-95	01-MAR-95	22-FEB-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	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99
1,3-Dinitrobenzene		ug/L	0.2	<	U	0.2	-99	0.2	<	U	0.2	-99	0.2	<	U	0.2	-99
2,4,6-Trinitrotoluene		ug/L	0.7	<	U	0.7	-99	0.7	<	U	0.7	-99	0.7	<	U	0.7	-99
2,4-Dinitrotoluene		ug/L	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99
2,6-Dinitrotoluene		ug/L	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99	0.5	<	U	0.5	-99
2-Amino-4,6-dinitrotoluene		ug/L	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99	0.5	<	UJ	0.5	-99
4-Amino-2,6-dinitrotoluene		ug/L	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99
HMX		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99
NIOBIUM		ug/L															
Nitrobenzene		ug/L	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99
RDX		ug/L	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99	0.6	<	U	0.6	-99
Tetryl		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99
m-Nitrotoluene		ug/L	0.4	<	UJ	0.4	-99	0.4	<	UJ	0.4	-99	0.4	<	UJ	0.4	-99
o-Nitrotoluene		ug/L	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99	0.6	<	UJ	0.6	-99
p-Nitrotoluene		ug/L	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99	0.4	<	U	0.4	-99

GEN CHEMISTRY

Chloride	mg/L
Hardness	mg/L
Nitrate	mg/L
Nitrate / Nitrite	mg/L
Specific Conductivity	umhos
Sulfate	mg/L
Temperature	Deg C
pH	STD UNIT

00051644

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User Test Group

[illegible]

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12SW01

Central Creek

C-12SW01-930518

18-MAY-93

[illegible]

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

Report Date: 11/12/04

Location Code:	12SW02	12SW03	12SW04
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW02	12SW03	12SW04(WATER)
Sample Date:	04-MAY-93	18-MAY-93	18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Aluminum		ug/L															
Antimony		ug/L	30	<	U	30	-99	30	<	U	30	-99	10	<	U	10	-99
Arsenic		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	-99
Barium		ug/L	98.4			20	-99	181			20	-99	124			10	-99
Beryllium		ug/L															
Cadmium		ug/L	5	<	U	5	-99	5.74			5	-99	5	<	U	5	-99
Calcium		ug/L															
Chromium		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Cobalt		ug/L															
Copper		ug/L											5	<	U	5	-99
Cyanide, Total		ug/L															
Hardness		ug/L															
Iron		ug/L															
Lead		ug/L	2	<	U	2	-99	3.64			2	-99	2	<	U	2	-99
Magnesium		ug/L															
Manganese		ug/L															
Mercury		ug/L	2	<	U	2	-99	2	<	U	2	-99	.2	<	U	.2	-99
Nickel		ug/L	50	<	U	50	-99	50	<	U	50	-99	40	<	U	40	-99
Potassium		ug/L															
Selenium		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	UJ	10	-99
Silver		ug/L	70	<	U	70	-99	70	<	U	70	-99	10	<	U	10	-99
Sodium		ug/L															
Strontium		ug/L															
Thallium		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	-99
Tin		ug/L															
Vanadium		ug/L															
Zinc		ug/L											22			3	-99

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

Report Date: 11/12/04

Location Code:	12SW05	12SW06	12SW07
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW05(WATER)	12SW06(WATER)	12SW07(WATER)
Sample Date:	18-FEB-95	18-FEB-95	18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Aluminum		ug/L															
Antimony		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Arsenic		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Barium		ug/L	272			10	-99	104			10	-99	238			10	-99
Beryllium		ug/L															
Cadmium		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Calcium		ug/L															
Chromium		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Cobalt		ug/L															
Copper		ug/L	7			5	-99	5	<	U	5	-99	5	<	U	5	-99
Cyanide, Total		ug/L															
Hardness		ug/L															
Iron		ug/L															
Lead		ug/L	2	<	U	2	-99	2	<	U	2	-99	2	<	U	2	-99
Magnesium		ug/L															
Manganese		ug/L															
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
Potassium		ug/L															
Selenium		ug/L	10	<	UJ	10	-99	10	<	UJ	10	-99	10	<	UJ	10	-99
Silver		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Sodium		ug/L															
Strontium		ug/L															
Thallium		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Tin		ug/L															
Vanadium		ug/L															
Zinc		ug/L	39			3	-99	13			3	-99	4			3	-99

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

Report Date: 11/12/04

Location Code:	12SW08	12SW08	12SW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW08(WATER)	12SW08(WATER)QC	12SW09(WATER)
Sample Date:	18-FEB-95	18-FEB-95	18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Aluminum		ug/L															
Antimony		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Arsenic		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Barium		ug/L	71			10	-99	71			10	-99	67			10	-99
Beryllium		ug/L															
Cadmium		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Calcium		ug/L															
Chromium		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Cobalt		ug/L															
Copper		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Cyanide, Total		ug/L															
Hardness		ug/L															
Iron		ug/L															
Lead		ug/L	2	<	U	2	-99	2	<	U	2	-99	2	<	U	2	-99
Magnesium		ug/L															
Manganese		ug/L															
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
Potassium		ug/L															
Selenium		ug/L	25	<	UJ	25	-99	50	<	UJ	50	-99	50	<	UJ	50	-99
Silver		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Sodium		ug/L															
Strontium		ug/L															
Thallium		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Tin		ug/L															
Vanadium		ug/L															
Zinc		ug/L	9			3	-99	17			3	-99	9			3	-99

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12SW12
Central Creek
12SW12(WATER)
15-MAR-95

[illegible]

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

Report Date: 11/12/04

Location Code:	12SW13	12SW14	12SW15
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW13(WATER)	12SW14(WATER)	12SW15
Sample Date:	01-MAR-95	02-MAR-95	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Aluminum		ug/L											1900		J	200	200
Antimony		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	5
Arsenic		ug/L	5	<	U	5	-99	5	<	U	5	-99	10	<	U	10	10
Barium		ug/L	59			10	-99	78			10	-99	200	<	U	200	200
Beryllium		ug/L											.7			.5	.5
Cadmium		ug/L	5	<	U	5	-99	5	<	U	5	-99	.8	<	U	.8	.8
Calcium		ug/L											5000	<	U	5000	5000
Chromium		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	10
Cobalt		ug/L											50	<	U	50	50
Copper		ug/L	7			5	-99	9			5	-99	25	<	U	25	25
Cyanide, Total		ug/L															
Hardness		ug/L	24000			2000	-99										
Iron		ug/L											1900		J	100	100
Lead		ug/L	2	<	U	2	-99	2	<	U	2	-99	10			3	3
Magnesium		ug/L											5000	<	U	5000	5000
Manganese		ug/L											615		J	15	15
Mercury		ug/L	.2	<	U	.2	-99	.2	<	U	.2	-99	.2	<	U	.2	.2
Nickel		ug/L	40	<	U	40	-99	40	<	U	40	-99	40	<	U	40	40
Potassium		ug/L											5000	<	U	5000	5000
Selenium		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	5
Silver		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	10
Sodium		ug/L											5000	<	U	5000	5000
Strontium		ug/L											50	<	U	50	50
Thallium		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Tin		ug/L															
Vanadium		ug/L											50	<	U	50	50
Zinc		ug/L	16			3	-99	19			3	-99	30			20	20

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

Report Date: 11/12/04

Location Code:	12SW15	12SW16	12SW17
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW15QC	12SW16	12SW17A
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Aluminum		ug/L	200	<	UJ	200	200	400			200	200	1300			200	200
Antimony		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Arsenic		ug/L	10	<	U	10	10	10	<	U	10	10	10	<	U	10	10
Barium		ug/L	200	<	U	200	200	200	<	U	200	200	200	<	U	200	200
Beryllium		ug/L	.5	<	U	.5	.5	.5	<	U	.5	.5	.5	<	U	.5	.5
Cadmium		ug/L	.8	<	U	.8	.8	.8	<	U	.8	.8	.8	<	U	.8	.8
Calcium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000	5000	<	U	5000	5000
Chromium		ug/L	10	<	U	10	10	10	<	U	10	10	10	<	U	10	10
Cobalt		ug/L	50	<	U	50	50	50	<	U	50	50	50	<	U	50	50
Copper		ug/L	25	<	U	25	25	25	<	U	25	25	25	<	U	25	25
Cyanide, Total		ug/L															
Hardness		ug/L															
Iron		ug/L	140		J	100	100	310			100	100	1400			100	100
Lead		ug/L	3	<	U	3	3	3	<	U	3	3	3	<	U	3	3
Magnesium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000	5000	<	U	5000	5000
Manganese		ug/L	182		J	15	15	76			15	15	89			15	15
Mercury		ug/L	.2	<	U	.2	.2	.2	<	U	.2	.2	.2	<	U	.2	.2
Nickel		ug/L	40	<	U	40	40	40	<	U	40	40	40	<	U	40	40
Potassium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000	5000	<	U	5000	5000
Selenium		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Silver		ug/L	10	<	U	10	10	10	<	U	10	10	10	<	U	10	10
Sodium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000	5000	<	U	5000	5000
Strontium		ug/L	50	<	U	50	50	50	<	U	50	50	50	<	U	50	50
Thallium		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Tin		ug/L															
Vanadium		ug/L	50	<	U	50	50	50	<	U	50	50	50	<	U	50	50
Zinc		ug/L	20			20	20	20	<	U	20	20	20	<	U	20	20

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

Report Date: 11/12/04

Location Code:	12SW18	12SW19	29SW02
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW18	12SW19	29SW02
Sample Date:	06-OCT-98	07-OCT-98	25-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Aluminum		ug/L	1600			200	200	2400			200	200					
Antimony		ug/L	5	<	U	5	5	19			5	5	30	<	U	30	-99
Arsenic		ug/L	11			10	10	10			10	10	10	<	U	10	-99
Barium		ug/L	200	<	U	200	200	200	<	U	200	200	69.5			20	-99
Beryllium		ug/L	.5	<	U	.5	.5	.5	<	U	.5	.5					
Cadmium		ug/L	.8	<	U	.8	.8	.8	<	U	.8	.8	5	<	U	5	-99
Calcium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000					
Chromium		ug/L	10	<	U	10	10	10	<	U	10	10	10	<	UJ	10	-99
Cobalt		ug/L	50	<	U	50	50	50	<	U	50	50					
Copper		ug/L	25	<	U	25	25	28			25	25					
Cyanide, Total		ug/L															
Hardness		ug/L															
Iron		ug/L	3600			100	100	2200			100	100					
Lead		ug/L	3	<	U	3	3	8			3	3	2	<	U	2	-99
Magnesium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000					
Manganese		ug/L	600			15	15	73			15	15					
Mercury		ug/L	.2	<	U	.2	.2	.2	<	U	.2	.2	2	<	U	2	-99
Nickel		ug/L	40	<	U	40	40	40	<	U	40	40	50	<	U	50	-99
Potassium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000					
Selenium		ug/L	5	<	U	5	5	5	<	U	5	5	10	<	U	10	-99
Silver		ug/L	10	<	U	10	10	10	<	U	10	10	70	<	U	70	-99
Sodium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000					
Strontium		ug/L	50	<	U	50	50	50	<	U	50	50					
Thallium		ug/L	1	<	U	1	1	1	<	U	1	1	10	<	U	10	-99
Tin		ug/L															
Vanadium		ug/L	50	<	U	50	50	50	<	U	50	50					
Zinc		ug/L	20	<	U	20	20	30			20	20					

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[illegible]

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[illegible]

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[illegible]

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

Report Date: 11/12/04

Location Code:	29SW19	29SW20	29SW21
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW19(WATER)	29SW20(WATER)	29SW21(WATER)
Sample Date:	22-FEB-95	01-MAR-95	22-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Aluminum		ug/L															
Antimony		ug/L	10	<	UJ	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	49			10	-99	94			10	-99	111			10	-99
Beryllium		ug/L															
Cadmium		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
Calcium		ug/L															
Chromium		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Cobalt		ug/L															
Copper		ug/L	5	<	U	5	-99	10			5	-99	5	<	U	5	-99
Cyanide, Total		ug/L															
Hardness		ug/L	44000			2000	-99	4000	<	U	4000	-99	4000	<	U	4000	-99
Iron		ug/L															
Lead		ug/L	40	<	U	40	-99	2	<	U	2	-99	40	<	U	40	-99
Magnesium		ug/L															
Manganese		ug/L															
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
Potassium		ug/L															
Selenium		ug/L	5	<	U	5	-99	5	<	U	5	-99	10	<	U	10	-99
Silver		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Sodium		ug/L															
Strontium		ug/L															
Thallium		ug/L	50	<	U	50	-99	5	<	U	5	-99	50	<	U	50	-99
Tin		ug/L															
Vanadium		ug/L															
Zinc		ug/L	39			3	-99	17			5	-99	9			3	-99

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

Report Date: 11/12/04

Location Code:	29SW23	29SW23	29SW25
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW23	29SW23QC	29SW25
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																	
Aluminum		ug/L	28000		J	200	200	7800		J	200	200	8400			200	200
Antimony		ug/L	5	<	U	5	5	6			5	5	5	<	U	5	5
Arsenic		ug/L	10	<	U	10	10	10	<	U	10	10	10	<	U	10	10
Barium		ug/L	510			200	200	240			200	200	230			200	200
Beryllium		ug/L	1.9			.5	.5	.8			.5	.5	.7			.5	.5
Cadmium		ug/L	1			.8	.8	.8	<	U	.8	.8	.8	<	U	.8	.8
Calcium		ug/L	12000			5000	5000	6900			5000	5000	11000			5000	5000
Chromium		ug/L	30			10	10	10	<	U	10	10	10	<	U	10	10
Cobalt		ug/L	50	<	U	50	50	50	<	U	50	50	50	<	U	50	50
Copper		ug/L	28			25	25	25	<	U	25	25	25	<	U	25	25
Cyanide, Total		ug/L															
Hardness		ug/L															
Iron		ug/L	25000		J	100	100	6700		J	100	100	7900			100	100
Lead		ug/L	53			3	3	15			3	3	11			3	3
Magnesium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000	5000	<	U	5000	5000
Manganese		ug/L	1520			15	15	821			15	15	290			15	15
Mercury		ug/L	.2	<	U	.2	.2	.2	<	U	.2	.2	.2	<	U	.2	.2
Nickel		ug/L	40	<	U	40	40	40	<	U	40	40	40	<	U	40	40
Potassium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000	5000	<	U	5000	5000
Selenium		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Silver		ug/L	10	<	U	10	10	10	<	U	10	10	10	<	U	10	10
Sodium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000	5000	<	U	5000	5000
Strontium		ug/L	70			50	50	50	<	U	50	50	50	<	U	50	50
Thallium		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Tin		ug/L															
Vanadium		ug/L	50			50	50	50	<	U	50	50	50	<	U	50	50
Zinc		ug/L	130			20	20	70			20	20	50			20	20

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

Report Date: 11/12/04

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Location Code:	29SW28	GPCSW09	GPCSW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW28	GPCSW09-981111	GPCSW09-981203
Sample Date:	06-OCT-98	11-NOV-98	03-DEC-98

User Test Group

<i>Parameter</i>	<i>Flt</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																	
Aluminum		ug/L	2100			200	200	2300			200	200					
Antimony		ug/L	5	<	U	5	5	5	<	U	5	5					
Arsenic		ug/L	10	<	U	10	10	10	<	U	10	10					
Barium		ug/L	200	<	U	200	200	200	<	U	200	200					
Beryllium		ug/L	.5	<	U	.5	.5	.5	<	U	.5	.5					
Cadmium		ug/L	.8	<	U	.8	.8	.8	<	U	.8	.8					
Calcium		ug/L	5000	<	U	5000	5000	7500			5000	5000					
Chromium		ug/L	10	<	U	10	10	10	<	U	10	10					
Cobalt		ug/L	50	<	U	50	50	50	<	U	50	50					
Copper		ug/L	25	<	U	25	25	25	<	U	25	25					
Cyanide, Total		ug/L						10	<	UJ	10	10					
Hardness		ug/L															
Iron		ug/L	2100			100	100	3200			100	100					
Lead		ug/L	3	<	U	3	3	7			3	3					
Magnesium		ug/L	5000	<	U	5000	5000	5000	<	U	5000	5000					
Manganese		ug/L	80			15	15	73			15	15					
Mercury		ug/L	.2	<	U	.2	.2	.2	<	U	.2	.2					
Nickel		ug/L	40	<	U	40	40	40	<	U	40	40					
Potassium		ug/L	5000	<	U	5000	5000	5000	<	UJ	5000	5000					
Selenium		ug/L	5	<	U	5	5	5	<	U	5	5					
Silver		ug/L	10	<	U	10	10	10	<	U	10	10					
Sodium		ug/L	5000	<	U	5000	5000	7600			5000	5000					
Strontium		ug/L	50	<	U	50	50	70			50	50					
Thallium		ug/L	1	<	U	1	1	1	<	U	1	1					
Tin		ug/L						100	<	U	100	100					
Vanadium		ug/L	50	<	U	50	50	50	<	U	50	50					
Zinc		ug/L	20	<	U	20	20	20	<	U	20	20					

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12SW01

Central Creek

C-12SW01-930518

18-MAY-93

<u>Parameter</u>	<u>F1t</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

alpha-BHC ug/L

beta-BHC	ug/L

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<i>Location Code:</i>	12SW02	12SW03	12SW04
<i>Associated Site:</i>	Central Creek	Central Creek	Central Creek
<i>Sample No:</i>	12SW02	12SW03	12SW04(WATER)
<i>Sample Date:</i>	04-MAY-93	18-MAY-93	18-FEB-95

User Test Group

[illegible]

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12SW07

Central Creek

12SW07(WATER)

18-FEB-95

<u>Parameter</u>	<u>F1t</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

alpha-BHC ug/L

beta-BHC	ug/L

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

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Location Code:

12SW08

12SW08

12SW09

Associated Site:

Central Creek

Central Creek

Central Creek

Sample No:

12SW08(WATER)

12SW08(WATER)QC

12SW09(WATER)

Sample Date:

18-FEB-95

18-FEB-95

18-FEB-95

User Test Group

[illegible]

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12SW12

Central Creek

12SW12(WATER)

15-MAR-95

<u>Parameter</u>	<u>F/t</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

alpha-BHC ug/L

Contaminant	Concentration (µg/L)
beta-BHC	11.0

Report Date: 11/12/04

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

Location Code:	12SW13	12SW14	12SW15
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW13(WATER)	12SW14(WATER)	12SW15
Sample Date:	01-MAR-95	02-MAR-95	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PCBS																	
Aroclor 1016		ug/L											0.5	<	U	0.5	0.5
Aroclor 1221		ug/L											1	<	U	1	1
Aroclor 1232		ug/L											0.5	<	U	0.5	0.5
Aroclor 1242		ug/L											0.5	<	U	0.5	0.5
Aroclor 1248		ug/L											0.5	<	U	0.5	0.5
Aroclor 1254		ug/L											0.5	<	U	0.5	0.5
Aroclor 1260		ug/L											0.5	<	U	0.5	0.5
PESTICIDES																	
4,4'-DDD		ug/L											0.1	<	U	0.1	0.1
4,4'-DDE		ug/L											0.1	<	U	0.1	0.1
4,4'-DDT		ug/L											0.1	<	U	0.1	0.1
Aldrin		ug/L											0.05	<	U	0.05	0.05
Chlordane		ug/L											1	<	U	1	1
Dieldrin		ug/L											0.1	<	U	0.1	0.1
Endosulfan I		ug/L											0.05	<	U	0.05	0.05
Endosulfan II		ug/L											0.1	<	U	0.1	0.1
Endosulfan Sulfate		ug/L											0.1	<	U	0.1	0.1
Endrin		ug/L											0.1	<	U	0.1	0.1
Endrin aldehyde		ug/L											0.1	<	U	0.1	0.1
Endrin ketone		ug/L											0.1	<	U	0.1	0.1
Heptachlor		ug/L											0.05	<	U	0.05	0.05
Heptachlor epoxide		ug/L											0.05	<	U	0.05	0.05
METHOXYCHLOR		ug/L											0.5	<	U	0.5	0.5
Toxaphene		ug/L											1	<	U	1	1
alpha-BHC		ug/L											0.05	<	U	0.05	0.05
beta-BHC		ug/L											0.05	<	U	0.05	0.05

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Location Code:	12SW15	12SW16	12SW17
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW15QC	12SW16	12SW17A
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PCBS																	
Aroclor 1016		ug/L	0.5	<	U	0.5	0.5						0.5	<	U	0.5	0.5
Aroclor 1221		ug/L	1	<	U	1	1						1	<	U	1	1
Aroclor 1232		ug/L	0.5	<	U	0.5	0.5						0.5	<	U	0.5	0.5
Aroclor 1242		ug/L	0.5	<	U	0.5	0.5						0.5	<	U	0.5	0.5
Aroclor 1248		ug/L	0.5	<	U	0.5	0.5						0.5	<	U	0.5	0.5
Aroclor 1254		ug/L	0.5	<	U	0.5	0.5						0.5	<	U	0.5	0.5
Aroclor 1260		ug/L	0.5	<	U	0.5	0.5						0.5	<	U	0.5	0.5
PESTICIDES																	
4,4'-DDD		ug/L	0.1	<	U	0.1	0.1						0.1	<	U	0.1	0.1
4,4'-DDE		ug/L	0.1	<	U	0.1	0.1						0.1	<	U	0.1	0.1
4,4'-DDT		ug/L	0.1	<	U	0.1	0.1						0.1	<	U	0.1	0.1
Aldrin		ug/L	0.05	<	U	0.05	0.05						0.05	<	U	0.05	0.05
Chlordane		ug/L	1	<	U	1	1						1	<	U	1	1
Dieldrin		ug/L	0.1	<	U	0.1	0.1						0.1	<	U	0.1	0.1
Endosulfan I		ug/L	0.05	<	U	0.05	0.05						0.05	<	U	0.05	0.05
Endosulfan II		ug/L	0.1	<	U	0.1	0.1						0.1	<	U	0.1	0.1
Endosulfan Sulfate		ug/L	0.1	<	U	0.1	0.1						0.1	<	U	0.1	0.1
Endrin		ug/L	0.1	<	U	0.1	0.1						0.1	<	U	0.1	0.1
Endrin aldehyde		ug/L	0.1	<	U	0.1	0.1						0.1	<	U	0.1	0.1
Endrin ketone		ug/L	0.1	<	U	0.1	0.1						0.1	<	U	0.1	0.1
Heptachlor		ug/L	0.05	<	U	0.05	0.05						0.05	<	U	0.05	0.05
Heptachlor epoxide		ug/L	0.05	<	U	0.05	0.05						0.05	<	U	0.05	0.05
METHOXYCHLOR		ug/L	0.5	<	U	0.5	0.5						0.5	<	U	0.5	0.5
Toxaphene		ug/L	1	<	U	1	1						1	<	U	1	1
alpha-BHC		ug/L	0.05	<	U	0.05	0.05						0.05	<	U	0.05	0.05
beta-BHC		ug/L	0.05	<	U	0.05	0.05						0.05	<	U	0.05	0.05

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Location Code:	12SW18	12SW19	29SW02
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW18	12SW19	29SW02
Sample Date:	06-OCT-98	07-OCT-98	25-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PCBS																	
Aroclor 1016		ug/L						0.5	<	UJ	0.5	0.5					
Aroclor 1221		ug/L						1	<	UJ	1	1					
Aroclor 1232		ug/L						0.5	<	UJ	0.5	0.5					
Aroclor 1242		ug/L						0.5	<	UJ	0.5	0.5					
Aroclor 1248		ug/L						0.5	<	UJ	0.5	0.5					
Aroclor 1254		ug/L						0.5	<	UJ	0.5	0.5					
Aroclor 1260		ug/L						0.5	<	UJ	0.5	0.5					
PESTICIDES																	
4,4'-DDD		ug/L						0.1	<	UJ	0.1	0.1					
4,4'-DDE		ug/L						0.1	<	UJ	0.1	0.1					
4,4'-DDT		ug/L						0.1	<	UJ	0.1	0.1					
Aldrin		ug/L						0.05	<	UJ	0.05	0.05					
Chlordane		ug/L						1	<	UJ	1	1					
Dieldrin		ug/L						0.1	<	UJ	0.1	0.1					
Endosulfan I		ug/L						0.05	<	UJ	0.05	0.05					
Endosulfan II		ug/L						0.1	<	UJ	0.1	0.1					
Endosulfan Sulfate		ug/L						0.1	<	UJ	0.1	0.1					
Endrin		ug/L						0.1	<	UJ	0.1	0.1					
Endrin aldehyde		ug/L						0.1	<	UJ	0.1	0.1					
Endrin ketone		ug/L						0.1	<	UJ	0.1	0.1					
Heptachlor		ug/L						0.05	<	UJ	0.05	0.05					
Heptachlor epoxide		ug/L						0.05	<	UJ	0.05	0.05					
METHOXYCHLOR		ug/L						0.5	<	UJ	0.5	0.5					
Toxaphene		ug/L						1	<	UJ	1	1					
alpha-BHC		ug/L						0.05	<	UJ	0.05	0.05					
beta-BHC		ug/L						0.05	<	UJ	0.05	0.05					

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<i>Location Code:</i>	29SW03	29SW04	29SW05
<i>Associated Site:</i>	Central Creek	Central Creek	Central Creek
<i>Sample No:</i>	29SW03	29SW04	29SW05
<i>Sample Date:</i>	19-MAY-93	19-MAY-93	13-MAY-93

User Test Group

[illegible]

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<i>Location Code:</i>	29SW06	29SW07	29SW08
<i>Associated Site:</i>	Central Creek	Central Creek	Central Creek
<i>Sample No:</i>	29SW06	29SW07	29SW08
<i>Sample Date:</i>	20-MAY-93	13-MAY-93	12-MAY-93

User Test Group

[illegible]

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29SW18

Central Creek

29SW18

03-MAY-93

<u>Parameter</u>	<u>Flt</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
PCBS																	

Aroclor 1016	ug/L
Aroclor 1221	ug/L
Aroclor 1232	ug/L
Aroclor 1242	ug/L
Aroclor 1248	ug/L
Aroclor 1254	ug/L
Aroclor 1260	ug/L

4,4'-DDD	ug/L
4,4'-DDE	ug/L
4,4'-DDT	ug/L
Aldrin	ug/L
Chlordane	ug/L
Dieldrin	ug/L
Endosulfan I	ug/L
Endosulfan II	ug/L
Endosulfan Sulfate	ug/L
Endrin	ug/L
Endrin aldehyde	ug/L
Endrin ketone	ug/L
Heptachlor	ug/L
Heptachlor epoxide	ug/L
METHOXYCHLOR	ug/L
Toxaphene	ug/L
alpha-BHC	ug/L
beta-BHC	ug/L

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29SW21

Central Creek

29SW21(WATER)

22-FEB-95

<i>Parameter</i>	<i>F1t</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

Aroclor 1016	ug/L
Aroclor 1221	ug/L
Aroclor 1232	ug/L
Aroclor 1242	ug/L
Aroclor 1248	ug/L
Aroclor 1254	ug/L
Aroclor 1260	ug/L

4,4'-DDD	ug/L
4,4'-DDE	ug/L
4,4'-DDT	ug/L
Aldrin	ug/L
Chlordane	ug/L
Dieldrin	ug/L
Endosulfan I	ug/L
Endosulfan II	ug/L
Endosulfan Sulfate	ug/L
Endrin	ug/L
Endrin aldehyde	ug/L
Endrin ketone	ug/L
Heptachlor	ug/L
Heptachlor epoxide	ug/L
METHOXYCHLOR	ug/L
Toxaphene	ug/L
alpha-BHC	ug/L
beta-BHC	ug/L

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Location Code:	29SW23	29SW23	29SW25
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW23	29SW23QC	29SW25
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PCBS																	
Aroclor 1016		ug/L	0.5	<	U	0.5	0.5	0.5	<	U	0.5	0.5					
Aroclor 1221		ug/L	1	<	U	1	1	1	<	U	1	1					
Aroclor 1232		ug/L	0.5	<	U	0.5	0.5	0.5	<	U	0.5	0.5					
Aroclor 1242		ug/L	0.5	<	U	0.5	0.5	0.5	<	U	0.5	0.5					
Aroclor 1248		ug/L	0.5	<	U	0.5	0.5	0.5	<	U	0.5	0.5					
Aroclor 1254		ug/L	0.5	<	U	0.5	0.5	0.5	<	U	0.5	0.5					
Aroclor 1260		ug/L	0.5	<	U	0.5	0.5	0.5	<	U	0.5	0.5					
PESTICIDES																	
4,4'-DDD		ug/L	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1					
4,4'-DDE		ug/L	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1					
4,4'-DDT		ug/L	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1					
Aldrin		ug/L	0.05	<	U	0.05	0.05	0.05	<	U	0.05	0.05					
Chlordane		ug/L	1	<	U	1	1	1	<	U	1	1					
Dieldrin		ug/L	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1					
Endosulfan I		ug/L	0.05	<	U	0.05	0.05	0.05	<	U	0.05	0.05					
Endosulfan II		ug/L	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1					
Endosulfan Sulfate		ug/L	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1					
Endrin		ug/L	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1					
Endrin aldehyde		ug/L	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1					
Endrin ketone		ug/L	0.1	<	U	0.1	0.1	0.1	<	U	0.1	0.1					
Heptachlor		ug/L	0.05	<	U	0.05	0.05	0.05	<	U	0.05	0.05					
Heptachlor epoxide		ug/L	0.05	<	U	0.05	0.05	0.05	<	U	0.05	0.05					
METHOXYCHLOR		ug/L	0.5	<	U	0.5	0.5	0.5	<	U	0.5	0.5					
Toxaphene		ug/L	1	<	U	1	1	1	<	U	1	1					
alpha-BHC		ug/L	0.05	<	U	0.05	0.05	0.05	<	U	0.05	0.05					
beta-BHC		ug/L	0.05	<	U	0.05	0.05	0.05	<	U	0.05	0.05					

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Location Code:	29SW28	GPCSW09	GPCSW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW28	GPCSW09-981111	GPCSW09-981203
Sample Date:	06-OCT-98	11-NOV-98	03-DEC-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PCBS																	
Aroclor 1016		ug/L											0.5	<	U	0.5	0.5
Aroclor 1221		ug/L											1	<	U	1	1
Aroclor 1232		ug/L											0.5	<	U	0.5	0.5
Aroclor 1242		ug/L											0.5	<	U	0.5	0.5
Aroclor 1248		ug/L											0.5	<	U	0.5	0.5
Aroclor 1254		ug/L											0.5	<	U	0.5	0.5
Aroclor 1260		ug/L											0.5	<	U	0.5	0.5
PESTICIDES																	
4,4'-DDD		ug/L											0.1	<	UJ	0.1	0.1
4,4'-DDE		ug/L											0.1	<	UJ	0.1	0.1
4,4'-DDT		ug/L											0.1	<	UJ	0.1	0.1
Aldrin		ug/L											0.05	<	UJ	0.05	0.05
Chlordane		ug/L											1	<	UJ	1	1
Dieldrin		ug/L											0.1	<	UJ	0.1	0.1
Endosulfan I		ug/L											0.05	<	UJ	0.05	0.05
Endosulfan II		ug/L											0.1	<	UJ	0.1	0.1
Endosulfan Sulfate		ug/L											0.1	<	UJ	0.1	0.1
Endrin		ug/L											0.1	<	UJ	0.1	0.1
Endrin aldehyde		ug/L											0.1	<	UJ	0.1	0.1
Endrin ketone		ug/L											0.1	<	UJ	0.1	0.1
Heptachlor		ug/L											0.05	<	UJ	0.05	0.05
Heptachlor epoxide		ug/L											0.05	<	UJ	0.05	0.05
METHOXYCHLOR		ug/L											0.5	<	UJ	0.5	0.5
Toxaphene		ug/L											1	<	UJ	1	1
alpha-BHC		ug/L											0.05	<	UJ	0.05	0.05
beta-BHC		ug/L											0.05	<	UJ	0.05	0.05

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Location Code:	11SW13	11SW14	12SW01
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	LH11-SW13	LH11-SW14	C-12SW01-930518
Sample Date:	31-MAR-93	31-MAR-93	18-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
delta-BHC		ug/L															
gamma-BHC (Lindane)		ug/L															
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
1,2-Dichlorobenzene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
1,2-Diphenylhydrazine		ug/L											50	<	U	50	-99
1,3-Dichlorobenzene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
1-Chloronaphthalene		ug/L											10	<	U	10	-99
2,4,5-Trichlorophenol		ug/L	55	<	U	55	-99	50	<	U	50	-99	50	<	U	50	-99
2,4,6-Trichlorophenol		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dichlorophenol		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dimethylphenol		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dinitrophenol		ug/L	55	<	U	55	-99	50	<	U	50	-99	50	<	U	50	-99
2,4-Dinitrotoluene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	UJ	10	-99
2,6-Dinitrotoluene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chloronaphthalene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chlorophenol		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
2-Methylnaphthalene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
2-Methylphenol		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
2-Nitroaniline		ug/L	55	<	U	55	-99	50	<	U	50	-99	50	<	U	50	-99
2-Nitrophenol		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
3,3'-Dichlorobenzidine		ug/L	22	<	U	22	-99	20	<	U	20	-99	20	<	U	20	-99
3-Nitroaniline		ug/L	55	<	U	55	-99	50	<	U	50	-99	50	<	U	50	-99
4,6-Dinitro-2-methylphenol		ug/L	55	<	U	55	-99	50	<	U	50	-99	50	<	U	50	-99
4-Bromophenyl phenyl ether		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99

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Location Code:	12SW02	12SW03	12SW04
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW02	12SW03	12SW04(WATER)
Sample Date:	04-MAY-93	18-MAY-93	18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
delta-BHC		ug/L															
gamma-BHC (Lindane)		ug/L															
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99					
1,2-Dichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99					
1,2-Diphenylhydrazine		ug/L	50	<	U	50	-99	50	<	U	50	-99					
1,3-Dichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99					
1,4-Dichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99					
1-Chloronaphthalene		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2,4,5-Trichlorophenol		ug/L	50	<	U	50	-99	50	<	U	50	-99					
2,4,6-Trichlorophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2,4-Dichlorophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2,4-Dimethylphenol		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2,4-Dinitrophenol		ug/L	50	<	U	50	-99	50	<	U	50	-99					
2,4-Dinitrotoluene		ug/L	10	<	UJ	10	-99	10	<	UJ	10	-99					
2,6-Dinitrotoluene		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2-Chloronaphthalene		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2-Chlorophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2-Methylnaphthalene		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2-Methylphenol		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2-Nitroaniline		ug/L	50	<	U	50	-99	50	<	U	50	-99					
2-Nitrophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99					
3,3'-Dichlorobenzidine		ug/L	20	<	U	20	-99	20	<	U	20	-99					
3-Nitroaniline		ug/L	50	<	U	50	-99	50	<	U	50	-99					
4,6-Dinitro-2-methylphenol		ug/L	50	<	U	50	-99	50	<	U	50	-99					
4-Bromophenyl phenyl ether		ug/L	10	<	U	10	-99	10	<	U	10	-99					

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12SW07

Central Creek

12SW07(WATER)

18-FEB-95

<u>Parameter</u>	<u>F1t</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

delta-BHC ug/L

gamma-BHC (Lindane)	ug/L

1,2,4-Trichlorobenzene ug/L

1,2-Dichlorobenzene ug/L

1,2-Diphenylhydrazine ug/L

1,3-Dichlorobenzene ug/L

1,4-Dichlorobenzene ug/L

1-Chloronaphthalene 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 $\mu\text{g/L}$ 2-Chlorophenol $\mu\text{g/L}$

2-Methylnaphthalene

2-Methylphenol ug/l

2-Nitroaniline	ug/L

2-Nitroaniline	μg/L
2-Nitrophenol	μg/L

2-Nitrophenol	µg/L
3,3'-Dichlorobenzidine	µg/L

5,5'-Diaminobenzidine	µg/L
3-Nitroaniline	µg/L

4,6-Dinitro-2-methylphenol $\mu\text{g/L}$

4,6-Dimethoxy-2-methylphenol	ug/L
4-Bromophenyl phenyl ether	ug/L

4-Bromophenyl phenyl ether ug/L

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12SW09

Central Creek

12SW09(WATER)

18-FEB-95

Parameter	F1	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL

delta-BHC ug/L

gamma-BHC (Lindane) ug/L

1,2,4-Trichlorobenzene ug/L

1,2-Dichlorobenzene ug/L

1,2-Diphenylhydrazine ug/L

1,3-Dichlorobenzene ug/L

1,4-Dichlorobenzene ug/L

1-Chloronaphthalene 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 $\mu\text{g/L}$

2,4-Dinitrotoluene ug/L

2,6-Dinitrotoluene ug/l

2-Chloronaphthalene ug/l

2-Chlorophenol	ug/l
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

2-Methylnaphthalene ug/l

2-Methylphenol ug/l

2-Nitroaniline	ug/L

2-Nitrophenol $\mu\text{g/L}$

2,2'-Dichlorobenzidine $\mu\text{g/L}$

2-Nitroaniline $\mu\text{g/L}$

4,6-Dinitro-2-methylphenol $\mu\text{g/L}$

4,6-Dinitro-2-methylphenol ug/L

4-Bromophenyl phenyl ether ug/L

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12SW12

Central Creek

12SW12(WATER)

15-MAR-95

<i>Parameter</i>	<i>F1t</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

delta-BHC ug/L

gamma-BHC (Lindane) ug/L

1,2,4-Trichlorobenzene ug/L

1,2-Dichlorobenzene ug/L

1,2-Diphenylhydrazine ug/L

1,3-Dichlorobenzene ug/L

1,4-Dichlorobenzene ug/L

1-Chloronaphthalene 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 $\mu\text{g/L}$ 2,4-Dinitrotoluene $\mu\text{g/l}$

2,6-Dinitrotoluene ug/l

2-Chloronaphthalene $\mu\text{g/l}$

2-Chlorophenol	µg/l
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100
11	110
12	120
13	130
14	140
15	150
16	160
17	170
18	180
19	190
20	200
21	210
22	220
23	230
24	240
25	250
26	260
27	270
28	280
29	290
30	300
31	310
32	320
33	330
34	340
35	350
36	360
37	370
38	380
39	390
40	400
41	410
42	420
43	430
44	440
45	450
46	460
47	470
48	480
49	490
50	500
51	510
52	520
53	530
54	540
55	550
56	560
57	570
58	580
59	590
60	600
61	610
62	620
63	630
64	640
65	650
66	660
67	670
68	680
69	690
70	700
71	710
72	720
73	730
74	740
75	750
76	760
77	770
78	780
79	790
80	800
81	810
82	820
83	830
84	840
85	850
86	860
87	870
88	880
89	890
90	900
91	910
92	920
93	930
94	940
95	950
96	960
97	970
98	980
99	990
100	1000

2-Methylnaphthalene $\mu\text{g/l}$

2-Methylphenol

2-Nitroaniline	µg/L

2-Nitroaniline	µg/L
2-Nitrophenol	µg/L

2,2'-Dichlorobenzidine $\mu\text{g/L}$

2 Nitroaniline ug/L

4,6-Dinitro-2-methylphenol $\mu\text{g/L}$

4-Bromophenyl phenyl ether

4-Bromophenyl phenyl ether ug/L

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

Report Date: 11/12/04

Location Code:	12SW13	12SW14	12SW15
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW13(WATER)	12SW14(WATER)	12SW15
Sample Date:	01-MAR-95	02-MAR-95	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
delta-BHC		ug/L											0.05	<	U	0.05	0.05
gamma-BHC (Lindane)		ug/L											0.05	<	U	0.05	0.05
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L											10	<	U	10	10
1,2-Dichlorobenzene		ug/L											10	<	U	10	10
1,2-Diphenylhydrazine		ug/L															
1,3-Dichlorobenzene		ug/L											10	<	U	10	10
1,4-Dichlorobenzene		ug/L											10	<	U	10	10
1-Chloronaphthalene		ug/L															
2,4,5-Trichlorophenol		ug/L											25	<	U	25	25
2,4,6-Trichlorophenol		ug/L											10	<	U	10	10
2,4-Dichlorophenol		ug/L											10	<	U	10	10
2,4-Dimethylphenol		ug/L											10	<	U	10	10
2,4-Dinitrophenol		ug/L											25	<	U	25	25
2,4-Dinitrotoluene		ug/L											10	<	U	10	10
2,6-Dinitrotoluene		ug/L											10	<	U	10	10
2-Chloronaphthalene		ug/L											10	<	U	10	10
2-Chlorophenol		ug/L											10	<	U	10	10
2-Methylnaphthalene		ug/L											10	<	U	10	10
2-Methylphenol		ug/L											10	<	U	10	10
2-Nitroaniline		ug/L											25	<	U	25	25
2-Nitrophenol		ug/L											10	<	U	10	10
3,3'-Dichlorobenzidine		ug/L											10	<	U	10	10
3-Nitroaniline		ug/L											25	<	U	25	25
4,6-Dinitro-2-methylphenol		ug/L											25	<	U	25	25
4-Bromophenyl phenyl ether		ug/L											10	<	U	10	10

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

Report Date: 11/12/04

Location Code:	12SW15	12SW16	12SW17
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW15QC	12SW16	12SW17A
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
delta-BHC		ug/L	0.05	<	U	0.05	0.05						0.05	<	U	0.05	0.05
gamma-BHC (Lindane)		ug/L	0.05	<	U	0.05	0.05						0.05	<	U	0.05	0.05
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L	10	<	U	10	10						10	<	U	10	10
1,2-Dichlorobenzene		ug/L	10	<	U	10	10						10	<	U	10	10
1,2-Diphenylhydrazine		ug/L															
1,3-Dichlorobenzene		ug/L	10	<	U	10	10						10	<	U	10	10
1,4-Dichlorobenzene		ug/L	10	<	U	10	10						10	<	U	10	10
1-Chloronaphthalene		ug/L															
2,4,5-Trichlorophenol		ug/L	25	<	U	25	25						25	<	U	25	25
2,4,6-Trichlorophenol		ug/L	10	<	U	10	10						10	<	U	10	10
2,4-Dichlorophenol		ug/L	10	<	U	10	10						10	<	U	10	10
2,4-Dimethylphenol		ug/L	10	<	U	10	10						10	<	U	10	10
2,4-Dinitrophenol		ug/L	25	<	U	25	25						25	<	U	25	25
2,4-Dinitrotoluene		ug/L	10	<	U	10	10						10	<	U	10	10
2,6-Dinitrotoluene		ug/L	10	<	U	10	10						10	<	U	10	10
2-Chloronaphthalene		ug/L	10	<	U	10	10						10	<	U	10	10
2-Chlorophenol		ug/L	10	<	U	10	10						10	<	U	10	10
2-Methylnaphthalene		ug/L	10	<	U	10	10						10	<	U	10	10
2-Methylphenol		ug/L	10	<	U	10	10						10	<	U	10	10
2-Nitroaniline		ug/L	25	<	U	25	25						25	<	U	25	25
2-Nitrophenol		ug/L	10	<	U	10	10						10	<	U	10	10
3,3'-Dichlorobenzidine		ug/L	10	<	U	10	10						10	<	U	10	10
3-Nitroaniline		ug/L	25	<	U	25	25						25	<	U	25	25
4,6-Dinitro-2-methylphenol		ug/L	25	<	U	25	25						25	<	U	25	25
4-Bromophenyl phenyl ether		ug/L	10	<	U	10	10						10	<	U	10	10

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

Report Date: 11/12/04

Location Code:	12SW18	12SW19	29SW02
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW18	12SW19	29SW02
Sample Date:	06-OCT-98	07-OCT-98	25-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
delta-BHC		ug/L						0.05	<	UJ	0.05	0.05					
gamma-BHC (Lindane)		ug/L						0.05	<	UJ	0.05	0.05					
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L						10	<	U	10	10	10	<	U	10	-99
1,2-Dichlorobenzene		ug/L						10	<	U	10	10	10	<	U	10	-99
1,2-Diphenylhydrazine		ug/L											50	<	U	50	-99
1,3-Dichlorobenzene		ug/L						10	<	U	10	10	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L						10	<	U	10	10	10	<	U	10	-99
1-Chloronaphthalene		ug/L											10	<	U	10	-99
2,4,5-Trichlorophenol		ug/L						25	<	U	25	25	50	<	U	50	-99
2,4,6-Trichlorophenol		ug/L						10	<	U	10	10	10	<	U	10	-99
2,4-Dichlorophenol		ug/L						10	<	U	10	10	10	<	U	10	-99
2,4-Dimethylphenol		ug/L						10	<	U	10	10	10	<	U	10	-99
2,4-Dinitrophenol		ug/L						25	<	U	25	25	50	<	U	50	-99
2,4-Dinitrotoluene		ug/L						10	<	U	10	10	10	<	UJ	10	-99
2,6-Dinitrotoluene		ug/L						10	<	U	10	10	10	<	U	10	-99
2-Chloronaphthalene		ug/L						10	<	U	10	10	10	<	U	10	-99
2-Chlorophenol		ug/L						10	<	U	10	10	10	<	U	10	-99
2-Methylnaphthalene		ug/L						10	<	U	10	10	10	<	U	10	-99
2-Methylphenol		ug/L						10	<	U	10	10	10	<	U	10	-99
2-Nitroaniline		ug/L						25	<	U	25	25	50	<	U	50	-99
2-Nitrophenol		ug/L						10	<	U	10	10	10	<	U	10	-99
3,3'-Dichlorobenzidine		ug/L						20	<	U	20	20	20	<	U	20	-99
3-Nitroaniline		ug/L						25	<	U	25	25	50	<	U	50	-99
4,6-Dinitro-2-methylphenol		ug/L						25	<	U	25	25	50	<	U	50	-99
4-Bromophenyl phenyl ether		ug/L						10	<	U	10	10	10	<	U	10	-99

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

Report Date: 11/12/04

Location Code:	29SW03	29SW04	29SW05
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW03	29SW04	29SW05
Sample Date:	19-MAY-93	19-MAY-93	13-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
delta-BHC		ug/L															
gamma-BHC (Lindane)		ug/L															
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,2-Dichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,2-Diphenylhydrazine		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
1,3-Dichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1-Chloronaphthalene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4,5-Trichlorophenol		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
2,4,6-Trichlorophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dichlorophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dimethylphenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dinitrophenol		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
2,4-Dinitrotoluene		ug/L	10	<	UJ	10	-99	10	<	UJ	10	-99	10	<	UJ	10	-99
2,6-Dinitrotoluene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chloronaphthalene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chlorophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Methylnaphthalene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Methylphenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Nitroaniline		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
2-Nitrophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
3,3'-Dichlorobenzidine		ug/L	20	<	U	20	-99	20	<	U	20	-99	20	<	U	20	-99
3-Nitroaniline		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
4,6-Dinitro-2-methylphenol		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
4-Bromophenyl phenyl ether		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99

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

Report Date: 11/12/04

Location Code:	29SW06	29SW07	29SW08
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW06	29SW07	29SW08
Sample Date:	20-MAY-93	13-MAY-93	12-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
delta-BHC		ug/L															
gamma-BHC (Lindane)		ug/L															
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,2-Dichlorobenzene		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,2-Diphenylhydrazine		ug/L	50	<	UJ	50	-99	50	<	U	50	-99	50	<	U	50	-99
1,3-Dichlorobenzene		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
1-Chloronaphthalene		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4,5-Trichlorophenol		ug/L	50	<	UJ	50	-99	50	<	U	50	-99	50	<	U	50	-99
2,4,6-Trichlorophenol		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dichlorophenol		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dimethylphenol		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dinitrophenol		ug/L	50	<	UJ	50	-99	50	<	U	50	-99	50	<	U	50	-99
2,4-Dinitrotoluene		ug/L	10	<	UJ	10	-99	10	<	UJ	10	-99	10	<	UJ	10	-99
2,6-Dinitrotoluene		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chloronaphthalene		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chlorophenol		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Methylnaphthalene		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Methylphenol		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Nitroaniline		ug/L	50	<	UJ	50	-99	50	<	U	50	-99	50	<	U	50	-99
2-Nitrophenol		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99
3,3'-Dichlorobenzidine		ug/L	20	<	UJ	20	-99	20	<	U	20	-99	20	<	U	20	-99
3-Nitroaniline		ug/L	50	<	UJ	50	-99	50	<	U	50	-99	50	<	U	50	-99
4,6-Dinitro-2-methylphenol		ug/L	50	<	UJ	50	-99	50	<	U	50	-99	50	<	U	50	-99
4-Bromophenyl phenyl ether		ug/L	10	<	UJ	10	-99	10	<	U	10	-99	10	<	U	10	-99

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

Report Date: 11/12/04

Location Code:	29SW09	29SW09	29SW18
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW09	29SW09-QC	29SW18
Sample Date:	12-MAY-93	12-MAY-93	03-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
delta-BHC		ug/L															
gamma-BHC (Lindane)		ug/L															
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,2-Dichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,2-Diphenylhydrazine		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
1,3-Dichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1-Chloronaphthalene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4,5-Trichlorophenol		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
2,4,6-Trichlorophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dichlorophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dimethylphenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2,4-Dinitrophenol		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
2,4-Dinitrotoluene		ug/L	10	<	UJ	10	-99	10	<	UJ	10	-99	10	<	U	10	-99
2,6-Dinitrotoluene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chloronaphthalene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chlorophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Methylnaphthalene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Methylphenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Nitroaniline		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
2-Nitrophenol		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
3,3'-Dichlorobenzidine		ug/L	20	<	U	20	-99	20	<	U	20	-99	20	<	U	20	-99
3-Nitroaniline		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
4,6-Dinitro-2-methylphenol		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99
4-Bromophenyl phenyl ether		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99

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29SW21

Central Creek

29SW21(WATER)

22-FEB-95

<i>Parameter</i>	<i>F1t</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

delta-BHC ug/L

gamma-BHC (Lindane)	ug/L

1,2,4-Trichlorobenzene ug/L

1,2-Dichlorobenzene ug/L

1,2-Diphenylhydrazine ug/L

1,3-Dichlorobenzene ug/L

1,4-Dichlorobenzene ug/L

1-Chloronaphthalene 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 $\mu\text{g/L}$ 2-Chlorophenol $\mu\text{g/L}$

2-Methylnaphthalene

2-Methylphenol ug/l

2-Nitroaniline	ug/L

2-Nitroaniline	μg/L
2-Nitrophenol	μg/L

2-Nitrophenol	µg/L
3,3'-Dichlorobenzidine	µg/L

5,5'-Diaminobenzidine	µg/L
3-Nitroaniline	µg/L

4,6-Dinitro-2-methylphenol	ug/L

4,6-Dimethoxy-2-methylphenol	ug/L
4-Bromophenyl phenyl ether	ug/L

4-Bromophenyl phenyl ether ug/L

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

Report Date: 11/12/04

Location Code:	29SW23	29SW23	29SW25
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW23	29SW23QC	29SW25
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
delta-BHC		ug/L	0.05	<	U	0.05	0.05	0.05	<	U	0.05	0.05					
gamma-BHC (Lindane)		ug/L	0.05	<	U	0.05	0.05	0.05	<	U	0.05	0.05					
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L	10	<	U	10	10	10	<	U	10	10					
1,2-Dichlorobenzene		ug/L	10	<	U	10	10	10	<	U	10	10					
1,2-Diphenylhydrazine		ug/L															
1,3-Dichlorobenzene		ug/L	10	<	U	10	10	10	<	U	10	10					
1,4-Dichlorobenzene		ug/L	10	<	U	10	10	10	<	U	10	10					
1-Chloronaphthalene		ug/L															
2,4,5-Trichlorophenol		ug/L	25	<	U	25	25	25	<	U	25	25					
2,4,6-Trichlorophenol		ug/L	10	<	U	10	10	10	<	U	10	10					
2,4-Dichlorophenol		ug/L	10	<	U	10	10	10	<	U	10	10					
2,4-Dimethylphenol		ug/L	10	<	U	10	10	10	<	U	10	10					
2,4-Dinitrophenol		ug/L	25	<	U	25	25	25	<	U	25	25					
2,4-Dinitrotoluene		ug/L	10	<	U	10	10	10	<	U	10	10					
2,6-Dinitrotoluene		ug/L	10	<	U	10	10	10	<	U	10	10					
2-Chloronaphthalene		ug/L	10	<	U	10	10	10	<	U	10	10					
2-Chlorophenol		ug/L	10	<	U	10	10	10	<	U	10	10					
2-Methylnaphthalene		ug/L	10	<	U	10	10	10	<	U	10	10					
2-Methylphenol		ug/L	10	<	U	10	10	10	<	U	10	10					
2-Nitroaniline		ug/L	25	<	U	25	25	25	<	U	25	25					
2-Nitrophenol		ug/L	10	<	U	10	10	10	<	U	10	10					
3,3'-Dichlorobenzidine		ug/L	10	<	U	10	10	10	<	U	10	10					
3-Nitroaniline		ug/L	25	<	U	25	25	25	<	U	25	25					
4,6-Dinitro-2-methylphenol		ug/L	25	<	U	25	25	25	<	U	25	25					
4-Bromophenyl phenyl ether		ug/L	10	<	U	10	10	10	<	U	10	10					

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

Report Date: 11/12/04

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Location Code:	29SW28	GPCSW09	GPCSW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW28	GPCSW09-981111	GPCSW09-981203
Sample Date:	06-OCT-98	11-NOV-98	03-DEC-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																	
delta-BHC		ug/L											0.05	<	UJ	0.05	0.05
gamma-BHC (Lindane)		ug/L											0.05	<	UJ	0.05	0.05
SEMIVOLATILES																	
1,2,4-Trichlorobenzene		ug/L						10	<	UJ	10	10					
1,2-Dichlorobenzene		ug/L						10	<	U	10	10					
1,2-Diphenylhydrazine		ug/L															
1,3-Dichlorobenzene		ug/L						10	<	U	10	10					
1,4-Dichlorobenzene		ug/L						10	<	UJ	10	10					
1-Chloronaphthalene		ug/L															
2,4,5-Trichlorophenol		ug/L						25	<	U	25	25					
2,4,6-Trichlorophenol		ug/L						10	<	U	10	10					
2,4-Dichlorophenol		ug/L						10	<	U	10	10					
2,4-Dimethylphenol		ug/L						10	<	U	10	10					
2,4-Dinitrophenol		ug/L						25	<	U	25	25					
2,4-Dinitrotoluene		ug/L						10	<	U	10	10					
2,6-Dinitrotoluene		ug/L						10	<	U	10	10					
2-Chloronaphthalene		ug/L						10	<	U	10	10					
2-Chlorophenol		ug/L						10	<	U	10	10					
2-Methylnaphthalene		ug/L						10	<	U	10	10					
2-Methylphenol		ug/L						10	<	U	10	10					
2-Nitroaniline		ug/L						25	<	U	25	25					
2-Nitrophenol		ug/L						10	<	U	10	10					
3,3'-Dichlorobenzidine		ug/L						10	<	U	10	10					
3-Nitroaniline		ug/L						25	<	U	25	25					
4,6-Dinitro-2-methylphenol		ug/L						25	<	U	25	25					
4-Bromophenyl phenyl ether		ug/L						10	<	U	10	10					

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

Report Date: 11/12/04

Location Code:	11SW13	11SW14	12SW01
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	LH11-SW13	LH11-SW14	C-12SW01-930518
Sample Date:	31-MAR-93	31-MAR-93	18-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
4-Chloro-3-methylphenol		ug/L	22	<	U	22	-99	20	<	U	20	-99	10	<	U	10	-99
4-Chloroaniline		ug/L	22	<	U	22	-99	20	<	U	20	-99	10	<	U	10	-99
4-Chlorophenyl phenyl ether		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
4-Methylphenol		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
4-Nitroaniline		ug/L	55	<	U	55	-99	50	<	U	50	-99	50	<	U	50	-99
4-Nitrophenol		ug/L	55	<	U	55	-99	50	<	U	50	-99	50	<	U	50	-99
Acenaphthene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Acenaphthylene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Anthracene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Benzo(a)anthracene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Benzo(a)pyrene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Benzo(b)fluoranthene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Benzo(ghi)perylene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Benzo(k)fluoranthene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Benzoic Acid		ug/L	55	<	U	55	-99	50	<	U	50	-99	50	<	U	50	-99
Benzyl Alcohol		ug/L	22	<	U	22	-99	20	<	U	20	-99	10	<	U	10	-99
Butyl benzyl phthalate		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Chrysene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Dibenzo(a,h)anthracene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Dibenzofuran		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Diethyl phthalate		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Dimethyl phthalate		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Diphenylamine		ug/L											20	<	U	20	-99
Fluoranthene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Fluorene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Hexachlorobenzene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Hexachlorobutadiene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99

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

Report Date: 11/12/04

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Location Code:	12SW02	12SW03	12SW04
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW02	12SW03	12SW04(WATER)
Sample Date:	04-MAY-93	18-MAY-93	18-FEB-95

User Test Group

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

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12SW07

Central Creek

12SW07(WATER)

18-FEB-95

Parameter	F1	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL

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 $\mu\text{g/L}$

Benzo(a)anthracene ug/L

Benzo(a)pyrene	ng/L

Benzo(b)fluoranthene	ug/L

Benzo(ghi)perylene	ng/L

Benzo(k)fluoranthene	ng/l

Benzoic Acid	µg/l
1	1.0
2	2.0
3	3.0
4	4.0
5	5.0
6	6.0
7	7.0
8	8.0
9	9.0
10	10.0
11	11.0
12	12.0
13	13.0
14	14.0
15	15.0
16	16.0
17	17.0
18	18.0
19	19.0
20	20.0
21	21.0
22	22.0
23	23.0
24	24.0
25	25.0
26	26.0
27	27.0
28	28.0
29	29.0
30	30.0
31	31.0
32	32.0
33	33.0
34	34.0
35	35.0
36	36.0
37	37.0
38	38.0
39	39.0
40	40.0
41	41.0
42	42.0
43	43.0
44	44.0
45	45.0
46	46.0
47	47.0
48	48.0
49	49.0
50	50.0
51	51.0
52	52.0
53	53.0
54	54.0
55	55.0
56	56.0
57	57.0
58	58.0
59	59.0
60	60.0
61	61.0
62	62.0
63	63.0
64	64.0
65	65.0
66	66.0
67	67.0
68	68.0
69	69.0
70	70.0
71	71.0
72	72.0
73	73.0
74	74.0
75	75.0
76	76.0
77	77.0
78	78.0
79	79.0
80	80.0
81	81.0
82	82.0
83	83.0
84	84.0
85	85.0
86	86.0
87	87.0
88	88.0
89	89.0
90	90.0
91	91.0
92	92.0
93	93.0
94	94.0
95	95.0
96	96.0
97	97.0
98	98.0
99	99.0
100	100.0

Benzyl Alcohol	ug/L

Benzyl phthalate	µg/L
Butyl benzyl phthalate	µg/L

Dutyl Schelyi phtalate	ug/L
Chrysone	ug/L

Dibenzo(a,h)anthracene $\mu\text{g/L}$

Dibenzos(a,n)anthracene	48/L
Dibenzofuran	44/L

Dibenzofuran	48/L
Diethyl phthalate	45/L

Diethyl phthalate	µg/L
Dimethyl phthalate	µg/L

Dimethyl phthalate	µg/L
Dichlorodioxine	µg/L

Diphenylamine	ug/L
Blank	0
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100
11	110
12	120
13	130
14	140
15	150
16	160
17	170
18	180
19	190
20	200
21	210
22	220
23	230
24	240
25	250
26	260
27	270
28	280
29	290
30	300
31	310
32	320
33	330
34	340
35	350
36	360
37	370
38	380
39	390
40	400
41	410
42	420
43	430
44	440
45	450
46	460
47	470
48	480
49	490
50	500
51	510
52	520
53	530
54	540
55	550
56	560
57	570
58	580
59	590
60	600
61	610
62	620
63	630
64	640
65	650
66	660
67	670
68	680
69	690
70	700
71	710
72	720
73	730
74	740
75	750
76	760
77	770
78	780
79	790
80	800
81	810
82	820
83	830
84	840
85	850
86	860
87	870
88	880
89	890
90	900
91	910
92	920
93	930
94	940
95	950
96	960
97	970
98	980
99	990
100	1000

Fluoranthene	ug/L
Fl	5

Fluorene	$\mu\text{g/L}$
11	1

Hexachlorobenzene	µg/L
Heptachlorocyclopentadienyl diol	µg/L

Hexachlorobutadiene ug/L

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12SW09

Central Creek

12SW09(WATER)

18-FEB-95

Parameter	F1	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL

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

Diphenylamine ug/L

Fluoranthene ug/L

Fluorene ug/L

Hexachlorobenzene ug/L

Hexachlorobutadiene ug/L

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12SW12

Central Creek

12SW12(WATER)

15-MAR-95

Parameter	F1t	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL

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

PAH	Concentration (µg/L)
Anthracene	11.0

Benzo(a)anthracene ug/L

Benzo(a)pyrene	ng/L

Benzo(h)fluoranthene ug/L

Benzo(ghi)perylene	ug/L

Benzo(k)fluoranthene	ng/l

Benzoic Acid	µg/l
1	1.0
2	2.0
3	3.0
4	4.0
5	5.0
6	6.0
7	7.0
8	8.0
9	9.0
10	10.0
11	11.0
12	12.0
13	13.0
14	14.0
15	15.0
16	16.0
17	17.0
18	18.0
19	19.0
20	20.0
21	21.0
22	22.0
23	23.0
24	24.0
25	25.0
26	26.0
27	27.0
28	28.0
29	29.0
30	30.0
31	31.0
32	32.0
33	33.0
34	34.0
35	35.0
36	36.0
37	37.0
38	38.0
39	39.0
40	40.0
41	41.0
42	42.0
43	43.0
44	44.0
45	45.0
46	46.0
47	47.0
48	48.0
49	49.0
50	50.0
51	51.0
52	52.0
53	53.0
54	54.0
55	55.0
56	56.0
57	57.0
58	58.0
59	59.0
60	60.0
61	61.0
62	62.0
63	63.0
64	64.0
65	65.0
66	66.0
67	67.0
68	68.0
69	69.0
70	70.0
71	71.0
72	72.0
73	73.0
74	74.0
75	75.0
76	76.0
77	77.0
78	78.0
79	79.0
80	80.0
81	81.0
82	82.0
83	83.0
84	84.0
85	85.0
86	86.0
87	87.0
88	88.0
89	89.0
90	90.0
91	91.0
92	92.0
93	93.0
94	94.0
95	95.0
96	96.0
97	97.0
98	98.0
99	99.0
100	100.0

Benzyl Alcohol	ug/L

Benzyl phthalate	µg/L
Butyl benzyl phthalate	µg/L

Dutyl Schelyi phtalate	ug/L
Chrysone	ug/L

Dibenzo(a,h)anthracene $\mu\text{g/L}$

Dibenzos(a,n)anthracene	48/L
Dibenzofuran	44/L

Dibenzofuran	48/L
Diethyl phthalate	45/L

Diethyl phthalate	µg/L
Dimethyl phthalate	µg/L

Dimethyl phthalate	µg/L
Dichlorodioxine	µg/L

Diphenylamine	ug/L
Blank	0
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100
11	110
12	120
13	130
14	140
15	150
16	160
17	170
18	180
19	190
20	200
21	210
22	220
23	230
24	240
25	250
26	260
27	270
28	280
29	290
30	300
31	310
32	320
33	330
34	340
35	350
36	360
37	370
38	380
39	390
40	400
41	410
42	420
43	430
44	440
45	450
46	460
47	470
48	480
49	490
50	500
51	510
52	520
53	530
54	540
55	550
56	560
57	570
58	580
59	590
60	600
61	610
62	620
63	630
64	640
65	650
66	660
67	670
68	680
69	690
70	700
71	710
72	720
73	730
74	740
75	750
76	760
77	770
78	780
79	790
80	800
81	810
82	820
83	830
84	840
85	850
86	860
87	870
88	880
89	890
90	900
91	910
92	920
93	930
94	940
95	950
96	960
97	970
98	980
99	990
100	1000

Fluoranthene	μg/L
Fl	5

Fluorene	μg/L
11	1

Hexachlorobenzene	µg/L
Heptachlorocyclopentadienyl diol	µg/L

Hexachlorobutadiene ug/L

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

Report Date: 11/12/04

Location Code:	12SW13	12SW14	12SW15
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW13(WATER)	12SW14(WATER)	12SW15
Sample Date:	01-MAR-95	02-MAR-95	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
4-Chloro-3-methylphenol		ug/L											10	<	U	10	10
4-Chloroaniline		ug/L											10	<	U	10	10
4-Chlorophenyl phenyl ether		ug/L											10	<	U	10	10
4-Methylphenol		ug/L											10	<	U	10	10
4-Nitroaniline		ug/L											25	<	U	25	25
4-Nitrophenol		ug/L											25	<	U	25	25
Acenaphthene		ug/L											10	<	U	10	10
Acenaphthylene		ug/L											10	<	U	10	10
Anthracene		ug/L											10	<	U	10	10
Benzo(a)anthracene		ug/L											10	<	U	10	10
Benzo(a)pyrene		ug/L											5	<	U	5	5
Benzo(b)fluoranthene		ug/L											10	<	U	10	10
Benzo(ghi)perylene		ug/L											10	<	U	10	10
Benzo(k)fluoranthene		ug/L											10	<	U	10	10
Benzoic Acid		ug/L											25	<	U	25	25
Benzyl Alcohol		ug/L											25	<	U	25	25
Butyl benzyl phthalate		ug/L											10	<	U	10	10
Chrysene		ug/L											10	<	U	10	10
Dibenzo(a,h)anthracene		ug/L											10	<	U	10	10
Dibenzofuran		ug/L											10	<	U	10	10
Diethyl phthalate		ug/L											10	<	U	10	10
Dimethyl phthalate		ug/L											10	<	U	10	10
Diphenylamine		ug/L															
Fluoranthene		ug/L											10	<	U	10	10
Fluorene		ug/L											10	<	U	10	10
Hexachlorobenzene		ug/L											5	<	U	5	5
Hexachlorobutadiene		ug/L											10	<	U	10	10

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

Report Date: 11/12/04

Location Code:	12SW15	12SW16	12SW17
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW15QC	12SW16	12SW17A
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
4-Chloro-3-methylphenol		ug/L	10	<	U	10	10						10	<	U	10	10
4-Chloroaniline		ug/L	10	<	U	10	10						10	<	U	10	10
4-Chlorophenyl phenyl ether		ug/L	10	<	U	10	10						10	<	U	10	10
4-Methylphenol		ug/L	10	<	U	10	10						10	<	U	10	10
4-Nitroaniline		ug/L	25	<	U	25	25						25	<	U	25	25
4-Nitrophenol		ug/L	25	<	U	25	25						25	<	U	25	25
Acenaphthene		ug/L	10	<	U	10	10						10	<	U	10	10
Acenaphthylene		ug/L	10	<	U	10	10						10	<	U	10	10
Anthracene		ug/L	10	<	U	10	10						10	<	U	10	10
Benzo(a)anthracene		ug/L	10	<	U	10	10						10	<	U	10	10
Benzo(a)pyrene		ug/L	5	<	U	5	5						5	<	U	5	5
Benzo(b)fluoranthene		ug/L	10	<	U	10	10						10	<	U	10	10
Benzo(ghi)perylene		ug/L	10	<	U	10	10						10	<	U	10	10
Benzo(k)fluoranthene		ug/L	10	<	U	10	10						10	<	U	10	10
Benzoic Acid		ug/L	25	<	U	25	25						25	<	U	25	25
Benzyl Alcohol		ug/L	25	<	U	25	25						25	<	U	25	25
Butyl benzyl phthalate		ug/L	10	<	U	10	10						10	<	U	10	10
Chrysene		ug/L	10	<	U	10	10						10	<	U	10	10
Dibenzo(a,h)anthracene		ug/L	10	<	U	10	10						10	<	U	10	10
Dibenzofuran		ug/L	10	<	U	10	10						10	<	U	10	10
Diethyl phthalate		ug/L	10	<	U	10	10						10	<	U	10	10
Dimethyl phthalate		ug/L	10	<	U	10	10						10	<	U	10	10
Diphenylamine		ug/L															
Fluoranthene		ug/L	10	<	U	10	10						10	<	U	10	10
Fluorene		ug/L	10	<	U	10	10						10	<	U	10	10
Hexachlorobenzene		ug/L	5	<	U	5	5						5	<	U	5	5
Hexachlorobutadiene		ug/L	10	<	U	10	10						10	<	U	10	10

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

Report Date: 11/12/04

Location Code:	12SW18	12SW19	29SW02
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW18	12SW19	29SW02
Sample Date:	06-OCT-98	07-OCT-98	25-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
4-Chloro-3-methylphenol		ug/L						10	<	U	10	10	10	<	U	10	-99
4-Chloroaniline		ug/L						10	<	U	10	10	10	<	U	10	-99
4-Chlorophenyl phenyl ether		ug/L						10	<	U	10	10	10	<	U	10	-99
4-Methylphenol		ug/L						10	<	U	10	10	10	<	U	10	-99
4-Nitroaniline		ug/L						25	<	U	25	25	50	<	U	50	-99
4-Nitrophenol		ug/L						25	<	U	25	25	50	<	U	50	-99
Acenaphthene		ug/L						10	<	U	10	10	10	<	U	10	-99
Acenaphthylene		ug/L						10	<	U	10	10	10	<	U	10	-99
Anthracene		ug/L						10	<	U	10	10	10	<	U	10	-99
Benzo(a)anthracene		ug/L						10	<	U	10	10	10	<	U	10	-99
Benzo(a)pyrene		ug/L						5	<	U	5	5	10	<	U	10	-99
Benzo(b)fluoranthene		ug/L						10	<	U	10	10	10	<	U	10	-99
Benzo(ghi)perylene		ug/L						10	<	U	10	10	10	<	U	10	-99
Benzo(k)fluoranthene		ug/L						10	<	U	10	10	10	<	U	10	-99
Benzoic Acid		ug/L						50	<	U	50	50	50	<	U	50	-99
Benzyl Alcohol		ug/L						10	<	U	10	10	10	<	U	10	-99
Butyl benzyl phthalate		ug/L						10	<	U	10	10	10	<	U	10	-99
Chrysene		ug/L						10	<	U	10	10	10	<	U	10	-99
Dibenzo(a,h)anthracene		ug/L						10	<	U	10	10	10	<	U	10	-99
Dibenzofuran		ug/L						10	<	U	10	10	10	<	U	10	-99
Diethyl phthalate		ug/L						10	<	U	10	10	10	<	U	10	-99
Dimethyl phthalate		ug/L						10	<	U	10	10	10	<	U	10	-99
Diphenylamine		ug/L											20	<	U	20	-99
Fluoranthene		ug/L						10	<	U	10	10	10	<	U	10	-99
Fluorene		ug/L						10	<	U	10	10	10	<	U	10	-99
Hexachlorobenzene		ug/L						5	<	U	5	5	10	<	U	10	-99
Hexachlorobutadiene		ug/L						10	<	U	10	10	10	<	U	10	-99

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

Report Date: 11/12/04

Location Code:	29SW03	29SW04	29SW05
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW03	29SW04	29SW05
Sample Date:	19-MAY-93	19-MAY-93	13-MAY-93

User Test Group

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

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

Report Date: 11/12/04

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Location Code:	29SW06	29SW07	29SW08
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW06	29SW07	29SW08
Sample Date:	20-MAY-93	13-MAY-93	12-MAY-93

User Test Group

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

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Location Code:	29SW09	29SW09	29SW18
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW09	29SW09-QC	29SW18
Sample Date:	12-MAY-93	12-MAY-93	03-MAY-93

User Test Group

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

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29SW21

Central Creek

29SW21(WATER)

22-FEB-95

[illegible]

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Location Code:	29SW23	29SW23	29SW25
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW23	29SW23QC	29SW25
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
4-Chloro-3-methylphenol		ug/L	10	<	U	10	10	10	<	U	10	10					
4-Chloroaniline		ug/L	10	<	U	10	10	10	<	U	10	10					
4-Chlorophenyl phenyl ether		ug/L	10	<	U	10	10	10	<	U	10	10					
4-Methylphenol		ug/L	10	<	U	10	10	10	<	U	10	10					
4-Nitroaniline		ug/L	25	<	U	25	25	25	<	U	25	25					
4-Nitrophenol		ug/L	25	<	U	25	25	25	<	U	25	25					
Acenaphthene		ug/L	10	<	U	10	10	10	<	U	10	10					
Acenaphthylene		ug/L	10	<	U	10	10	10	<	U	10	10					
Anthracene		ug/L	10	<	U	10	10	10	<	U	10	10					
Benzo(a)anthracene		ug/L	10	<	U	10	10	10	<	U	10	10					
Benzo(a)pyrene		ug/L	5	<	U	5	5	5	<	U	5	5					
Benzo(b)fluoranthene		ug/L	10	<	U	10	10	10	<	U	10	10					
Benzo(ghi)perylene		ug/L	10	<	U	10	10	10	<	U	10	10					
Benzo(k)fluoranthene		ug/L	10	<	U	10	10	10	<	U	10	10					
Benzoic Acid		ug/L	25	<	U	25	25	25	<	U	25	25					
Benzyl Alcohol		ug/L	25	<	U	25	25	25	<	U	25	25					
Butyl benzyl phthalate		ug/L	10	<	U	10	10	10	<	U	10	10					
Chrysene		ug/L	10	<	U	10	10	10	<	U	10	10					
Dibenzo(a,h)anthracene		ug/L	10	<	U	10	10	10	<	U	10	10					
Dibenzofuran		ug/L	10	<	U	10	10	10	<	U	10	10					
Diethyl phthalate		ug/L	10	<	U	10	10	10	<	U	10	10					
Dimethyl phthalate		ug/L	10	<	U	10	10	10	<	U	10	10					
Diphenylamine		ug/L															
Fluoranthene		ug/L	10	<	U	10	10	10	<	U	10	10					
Fluorene		ug/L	10	<	U	10	10	10	<	U	10	10					
Hexachlorobenzene		ug/L	5	<	U	5	5	5	<	U	5	5					
Hexachlorobutadiene		ug/L	10	<	U	10	10	10	<	U	10	10					

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Location Code:	29SW28	GPCSW09	GPCSW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW28	GPCSW09-981111	GPCSW09-981203
Sample Date:	06-OCT-98	11-NOV-98	03-DEC-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
4-Chloro-3-methylphenol		ug/L						10	<	U	10	10					
4-Chloroaniline		ug/L						10	<	U	10	10					
4-Chlorophenyl phenyl ether		ug/L						10	<	U	10	10					
4-Methylphenol		ug/L						10	<	U	10	10					
4-Nitroaniline		ug/L						25	<	U	25	25					
4-Nitrophenol		ug/L						25	<	U	25	25					
Acenaphthene		ug/L						10	<	U	10	10					
Acenaphthylene		ug/L						10	<	U	10	10					
Anthracene		ug/L						10	<	U	10	10					
Benzo(a)anthracene		ug/L						10	<	U	10	10					
Benzo(a)pyrene		ug/L						5	<	U	5	5					
Benzo(b)fluoranthene		ug/L						10	<	U	10	10					
Benzo(ghi)perylene		ug/L						10	<	U	10	10					
Benzo(k)fluoranthene		ug/L						10	<	U	10	10					
Benzoic Acid		ug/L						25	<	U	25	25					
Benzyl Alcohol		ug/L						25	<	U	25	25					
Butyl benzyl phthalate		ug/L						10	<	U	10	10					
Chrysene		ug/L						10	<	U	10	10					
Dibenzo(a,h)anthracene		ug/L						10	<	U	10	10					
Dibenzofuran		ug/L						10	<	U	10	10					
Diethyl phthalate		ug/L						10	<	U	10	10					
Dimethyl phthalate		ug/L						10	<	U	10	10					
Diphenylamine		ug/L															
Fluoranthene		ug/L						10	<	U	10	10					
Fluorene		ug/L						10	<	U	10	10					
Hexachlorobenzene		ug/L						5	<	U	5	5					
Hexachlorobutadiene		ug/L						10	<	U	10	10					

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Location Code:	11SW13	11SW14	12SW01
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	LH11-SW13	LH11-SW14	C-12SW01-930518
Sample Date:	31-MAR-93	31-MAR-93	18-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Hexachlorocyclopentadiene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Hexachloroethane		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Indeno(1,2,3-cd)pyrene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Isophorone		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Naphthalene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Nitrobenzene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	UJ	10	-99
Pentachlorophenol		ug/L	55	<	U	55	-99	50	<	U	50	-99	50	<	U	50	-99
Phenanthrene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Phenol		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
Pyrene		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
bis(2-Chloroethoxy)methane		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
bis(2-Chloroethyl)ether		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
bis(2-Chloroisopropyl)ether		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
bis(2-Ethylhexyl)phthalate		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
di-n-Butyl phthalate		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
di-n-Octyl phthalate		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
m-Cresol		ug/L											10	<	U	10	-99
n-Nitroso-di-n-propylamine		ug/L	11	<	U	11	-99	10	<	U	10	-99	50	<	U	50	-99
n-Nitrosodimethylamine		ug/L															
n-Nitrosodiphenylamine		ug/L	11	<	U	11	-99	10	<	U	10	-99	10	<	U	10	-99
VOLATILES																	
1,1,1,2-Tetrachloroethane		ug/L															
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

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Location Code:	12SW02	12SW03	12SW04
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW02	12SW03	12SW04(WATER)
Sample Date:	04-MAY-93	18-MAY-93	18-FEB-95

User Test Group

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

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Location Code:	12SW05	12SW06	12SW07
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW05(WATER)	12SW06(WATER)	12SW07(WATER)
Sample Date:	18-FEB-95	18-FEB-95	18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
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															
m-Cresol		ug/L															
n-Nitroso-di-n-propylamine		ug/L															
n-Nitrosodimethylamine		ug/L															
n-Nitrosodiphenylamine		ug/L															
VOLATILES																	
1,1,1,2-Tetrachloroethane		ug/L															
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

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Location Code:	12SW08	12SW08	12SW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW08(WATER)	12SW08(WATER)QC	12SW09(WATER)
Sample Date:	18-FEB-95	18-FEB-95	18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
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															
m-Cresol		ug/L															
n-Nitroso-di-n-propylamine		ug/L															
n-Nitrosodimethylamine		ug/L															
n-Nitrosodiphenylamine		ug/L															
VOLATILES																	
1,1,1,2-Tetrachloroethane		ug/L															
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

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

Report Date: 11/12/04

Location Code:	12SW10	12SW11	12SW12
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW10(WATER)	12SW11(WATER)	12SW12(WATER)
Sample Date:	15-MAR-95	15-MAR-95	15-MAR-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
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															
m-Cresol		ug/L															
n-Nitroso-di-n-propylamine		ug/L															
n-Nitrosodimethylamine		ug/L															
n-Nitrosodiphenylamine		ug/L															
VOLATILES																	
1,1,1,2-Tetrachloroethane		ug/L															
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

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

Report Date: 11/12/04

Location Code:	12SW13	12SW14	12SW15
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW13(WATER)	12SW14(WATER)	12SW15
Sample Date:	01-MAR-95	02-MAR-95	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Hexachlorocyclopentadiene		ug/L											10	<	U	10	10
Hexachloroethane		ug/L											10	<	U	10	10
Indeno(1,2,3-cd)pyrene		ug/L											10	<	U	10	10
Isophorone		ug/L											10	<	U	10	10
Naphthalene		ug/L											10	<	U	10	10
Nitrobenzene		ug/L											10	<	U	10	10
Pentachlorophenol		ug/L											5	<	U	5	5
Phenanthrene		ug/L											10	<	U	10	10
Phenol		ug/L											10	<	U	10	10
Pyrene		ug/L											10	<	U	10	10
bis(2-Chloroethoxy)methane		ug/L											10	<	U	10	10
bis(2-Chloroethyl)ether		ug/L											10	<	U	10	10
bis(2-Chloroisopropyl)ether		ug/L											10	<	U	10	10
bis(2-Ethylhexyl)phthalate		ug/L											10	<	U	10	10
di-n-Butyl phthalate		ug/L											10	<	U	10	10
di-n-Octyl phthalate		ug/L											10	<	U	10	10
m-Cresol		ug/L											25	<	U	25	25
n-Nitroso-di-n-propylamine		ug/L											10	<	U	10	10
n-Nitrosodimethylamine		ug/L											10	<	U	10	10
n-Nitrosodiphenylamine		ug/L											10	<	U	10	10
VOLATILES																	
1,1,1,2-Tetrachloroethane		ug/L											1	<	U	1	1
1,1,1-Trichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
1,1,2,2-Tetrachloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
1,1,2-Trichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
1,1-Dichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1

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

Report Date: 11/12/04

Location Code:	12SW15	12SW16	12SW17
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW15QC	12SW16	12SW17A
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Hexachlorocyclopentadiene		ug/L	10	<	U	10	10						10	<	U	10	10
Hexachloroethane		ug/L	10	<	U	10	10						10	<	U	10	10
Indeno(1,2,3-cd)pyrene		ug/L	10	<	U	10	10						10	<	U	10	10
Isophorone		ug/L	10	<	U	10	10						10	<	U	10	10
Naphthalene		ug/L	10	<	U	10	10						10	<	U	10	10
Nitrobenzene		ug/L	10	<	U	10	10						10	<	U	10	10
Pentachlorophenol		ug/L	5	<	U	5	5						5	<	U	5	5
Phenanthrene		ug/L	10	<	U	10	10						10	<	U	10	10
Phenol		ug/L	10	<	U	10	10						10	<	U	10	10
Pyrene		ug/L	10	<	U	10	10						10	<	U	10	10
bis(2-Chloroethoxy)methane		ug/L	10	<	U	10	10						10	<	U	10	10
bis(2-Chloroethyl)ether		ug/L	10	<	U	10	10						10	<	U	10	10
bis(2-Chloroisopropyl)ether		ug/L	10	<	U	10	10						10	<	U	10	10
bis(2-Ethylhexyl)phthalate		ug/L	10	<	U	10	10						10	<	U	10	10
di-n-Butyl phthalate		ug/L	10	<	U	10	10						10	<	U	10	10
di-n-Octyl phthalate		ug/L	10	<	U	10	10						10	<	U	10	10
m-Cresol		ug/L	25	<	U	25	25						25	<	U	25	25
n-Nitroso-di-n-propylamine		ug/L	10	<	U	10	10						10	<	U	10	10
n-Nitrosodimethylamine		ug/L	10	<	U	10	10						10	<	U	10	10
n-Nitrosodiphenylamine		ug/L	10	<	U	10	10						10	<	U	10	10
VOLATILES																	
1,1,1,2-Tetrachloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,1,1-Trichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,1,2,2-Tetrachloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,1,2-Trichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,1-Dichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1

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

Report Date: 11/12/04

Location Code:	12SW18	12SW19	29SW02
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW18	12SW19	29SW02
Sample Date:	06-OCT-98	07-OCT-98	25-MAY-93

User Test Group

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

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Summary of Validated Surface Water Data
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Location Code:	29SW03	29SW04	29SW05
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW03	29SW04	29SW05
Sample Date:	19-MAY-93	19-MAY-93	13-MAY-93

User Test Group

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

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

Report Date: 11/12/04

Location Code:	29SW06	29SW07	29SW08
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW06	29SW07	29SW08
Sample Date:	20-MAY-93	13-MAY-93	12-MAY-93

User Test Group

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

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

Report Date: 11/12/04

Location Code:	29SW09	29SW09	29SW18
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW09	29SW09-QC	29SW18
Sample Date:	12-MAY-93	12-MAY-93	03-MAY-93

User Test Group

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

00051713

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29SW21

Central Creek

29SW21(WATER)

22-FEB-95

<i>Parameter</i>	<i>F1t</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

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	µg/L

di-n-Butyl phthalate	110

di-n-Octyl phthalate 110 µg/l

m-Cresol	11g/l

n-Nitroso-di-n-propylamine	ug/l
1	1.0
2	2.0
3	3.0
4	4.0
5	5.0
6	6.0
7	7.0
8	8.0
9	9.0
10	10.0
11	11.0
12	12.0
13	13.0
14	14.0
15	15.0
16	16.0
17	17.0
18	18.0
19	19.0
20	20.0
21	21.0
22	22.0
23	23.0
24	24.0
25	25.0
26	26.0
27	27.0
28	28.0
29	29.0
30	30.0
31	31.0
32	32.0
33	33.0
34	34.0
35	35.0
36	36.0
37	37.0
38	38.0
39	39.0
40	40.0
41	41.0
42	42.0
43	43.0
44	44.0
45	45.0
46	46.0
47	47.0
48	48.0
49	49.0
50	50.0
51	51.0
52	52.0
53	53.0
54	54.0
55	55.0
56	56.0
57	57.0
58	58.0
59	59.0
60	60.0
61	61.0
62	62.0
63	63.0
64	64.0
65	65.0
66	66.0
67	67.0
68	68.0
69	69.0
70	70.0
71	71.0
72	72.0
73	73.0
74	74.0
75	75.0
76	76.0
77	77.0
78	78.0
79	79.0
80	80.0
81	81.0
82	82.0
83	83.0
84	84.0
85	85.0
86	86.0
87	87.0
88	88.0
89	89.0
90	90.0
91	91.0
92	92.0
93	93.0
94	94.0
95	95.0
96	96.0
97	97.0
98	98.0
99	99.0
100	100.0

n-Nitrosodimethylamine	ug/L
n-Nitrosodimethylamine	ug/L

n-Nitrosodiphenylamine ug/L

11 Nitrobenzodiphenylamine $\mu\text{g/L}$

1,1,1,2-Tetrachloroethane ug/L

1,1,1-Trichloroethane ug/L

1,1,2,2-Tetrachloroethane ug/L

1,1,2-Trichloroethane ug/L

1,1-Dichloroethane ug/L

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

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Location Code:	29SW23	29SW23	29SW25
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW23	29SW23QC	29SW25
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Hexachlorocyclopentadiene		ug/L	10	<	U	10	10	10	<	U	10	10					
Hexachloroethane		ug/L	10	<	U	10	10	10	<	U	10	10					
Indeno(1,2,3-cd)pyrene		ug/L	10	<	U	10	10	10	<	U	10	10					
Isophorone		ug/L	10	<	U	10	10	10	<	U	10	10					
Naphthalene		ug/L	10	<	U	10	10	10	<	U	10	10					
Nitrobenzene		ug/L	10	<	U	10	10	10	<	U	10	10					
Pentachlorophenol		ug/L	5	<	U	5	5	5	<	U	5	5					
Phenanthrene		ug/L	10	<	U	10	10	10	<	U	10	10					
Phenol		ug/L	10	<	U	10	10	10	<	U	10	10					
Pyrene		ug/L	10	<	U	10	10	10	<	U	10	10					
bis(2-Chloroethoxy)methane		ug/L	10	<	U	10	10	10	<	U	10	10					
bis(2-Chloroethyl)ether		ug/L	10	<	U	10	10	10	<	U	10	10					
bis(2-Chloroisopropyl)ether		ug/L	10	<	U	10	10	10	<	U	10	10					
bis(2-Ethylhexyl)phthalate		ug/L	10	<	U	10	10	10	<	U	10	10					
di-n-Butyl phthalate		ug/L	10	<	U	10	10	10	<	U	10	10					
di-n-Octyl phthalate		ug/L	10	<	U	10	10	10	<	U	10	10					
m-Cresol		ug/L	25	<	U	25	25	25	<	U	25	25					
n-Nitroso-di-n-propylamine		ug/L	10	<	U	10	10	10	<	U	10	10					
n-Nitrosodimethylamine		ug/L	10	<	U	10	10	10	<	U	10	10					
n-Nitrosodiphenylamine		ug/L	10	<	U	10	10	10	<	U	10	10					
VOLATILES																	
1,1,1,2-Tetrachloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,1,1-Trichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,1,2,2-Tetrachloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,1,2-Trichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,1-Dichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1

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

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Location Code:	29SW28	GPCSW09	GPCSW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW28	GPCSW09-981111	GPCSW09-981203
Sample Date:	06-OCT-98	11-NOV-98	03-DEC-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																	
Hexachlorocyclopentadiene		ug/L						10	<	U	10	10					
Hexachloroethane		ug/L						10	<	U	10	10					
Indeno(1,2,3-cd)pyrene		ug/L						10	<	U	10	10					
Isophorone		ug/L						10	<	U	10	10					
Naphthalene		ug/L						10	<	U	10	10					
Nitrobenzene		ug/L						10	<	U	10	10					
Pentachlorophenol		ug/L						5	<	U	5	5					
Phenanthrene		ug/L						10	<	U	10	10					
Phenol		ug/L						10	<	U	10	10					
Pyrene		ug/L						10	<	U	10	10					
bis(2-Chloroethoxy)methane		ug/L						10	<	U	10	10					
bis(2-Chloroethyl)ether		ug/L						10	<	U	10	10					
bis(2-Chloroisopropyl)ether		ug/L						10	<	U	10	10					
bis(2-Ethylhexyl)phthalate		ug/L						10	<	U	10	10					
di-n-Butyl phthalate		ug/L						10	<	U	10	10					
di-n-Octyl phthalate		ug/L						10	<	U	10	10					
m-Cresol		ug/L						25	<	U	25	25					
n-Nitroso-di-n-propylamine		ug/L						10	<	U	10	10					
n-Nitrosodimethylamine		ug/L						10	<	U	10	10					
n-Nitrosodiphenylamine		ug/L						10	<	U	10	10					
VOLATILES																	
1,1,1,2-Tetrachloroethane		ug/L	1	<	U	1	1	1	<	U	1	1					
1,1,1-Trichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1					
1,1,2,2-Tetrachloroethane		ug/L	1	<	U	1	1	1	<	U	1	1					
1,1,2-Trichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1					
1,1-Dichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1					

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

Report Date: 11/12/04

Location Code:	11SW13	11SW14	12SW01
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	LH11-SW13	LH11-SW14	C-12SW01-930518
Sample Date:	31-MAR-93	31-MAR-93	18-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloropropene		ug/L															
1,2,3-Trichlorobenzene		ug/L															
1,2,3-Trichloropropane		ug/L											5	<	U	5	-99
1,2,4-Trichlorobenzene		ug/L															
1,2,4-Trimethylbenzene		ug/L															
1,2-Dibromo-3-chloropropane		ug/L															
1,2-Dibromoethane		ug/L															
1,2-Dichlorobenzene		ug/L															
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					
1,2-Dichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,3,5-Trimethylbenzene		ug/L															
1,3-Dichlorobenzene		ug/L															
1,3-Dichloropropane		ug/L															
1,4-Dichloro-2-butene		ug/L											10	<	U	10	-99
1,4-Dichlorobenzene		ug/L															
1,4-Dioxane		ug/L															
2,2-Dichloropropane		ug/L															
2-Butanone		ug/L	50	<	U	50	-99	50	<	U	50	-99	10	<	U	10	-99
2-Chloroethyl vinyl ether		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2-Chlorotoluene		ug/L															
2-Hexanone		ug/L	50	<	U	50	-99	50	<	U	50	-99	10	<	U	10	-99
2-Propenal		ug/L											10	<	U	10	-99
4-Chlorotoluene		ug/L															
Acetone		ug/L	100	<	U	100	-99	100	<	U	100	-99	10	<	U	10	-99
Acrylonitrile		ug/L											10	<	U	10	-99

Exhibit 1
Summary of Validated Surface Water Data
Central Creek Watershed
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Report Date: 11/12/04

Location Code:	12SW02	12SW03	12SW04
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW02	12SW03	12SW04(WATER)
Sample Date:	04-MAY-93	18-MAY-93	18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloropropene		ug/L															
1,2,3-Trichlorobenzene		ug/L															
1,2,3-Trichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2,4-Trichlorobenzene		ug/L															
1,2,4-Trimethylbenzene		ug/L															
1,2-Dibromo-3-chloropropane		ug/L															
1,2-Dibromoethane		ug/L															
1,2-Dichlorobenzene		ug/L															
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
1,2-Dichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,3,5-Trimethylbenzene		ug/L															
1,3-Dichlorobenzene		ug/L															
1,3-Dichloropropane		ug/L															
1,4-Dichloro-2-butene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L															
1,4-Dioxane		ug/L															
2,2-Dichloropropane		ug/L															
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
2-Chlorotoluene		ug/L															
2-Hexanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Propenal		ug/L	10	<	U	10	-99	10	<	U	10	-99	50	<	U	50	-99
4-Chlorotoluene		ug/L															
Acetone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Acrylonitrile		ug/L	10	<	U	10	-99	10	<	U	10	-99	50	<	U	50	-99

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Summary of Validated Surface Water Data
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Location Code:12SW05

Associated Site:Central Creek

Sample No:12SW05(WATER)

Sample Date:18-FEB-95

12SW06

Central Creek

12SW06(WATER)

18-FEB-95

12SW07

Central Creek

12SW07(WATER)

18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloropropene		ug/L															
1,2,3-Trichlorobenzene		ug/L															
1,2,3-Trichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2,4-Trichlorobenzene		ug/L															
1,2,4-Trimethylbenzene		ug/L															
1,2-Dibromo-3-chloropropane		ug/L															
1,2-Dibromoethane		ug/L															
1,2-Dichlorobenzene		ug/L															
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
1,3,5-Trimethylbenzene		ug/L															
1,3-Dichlorobenzene		ug/L															
1,3-Dichloropropane		ug/L															
1,4-Dichloro-2-butene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L															
1,4-Dioxane		ug/L															
2,2-Dichloropropane		ug/L															
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-Chlorotoluene		ug/L															
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
4-Chlorotoluene		ug/L															
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

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Summary of Validated Surface Water Data
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Location Code:12SW08

Associated Site:Central Creek

Sample No:12SW08(WATER)

Sample Date:18-FEB-95

12SW08
Central Creek
12SW08(WATER)QC
18-FEB-95

12SW09
Central Creek
12SW09(WATER)
18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloropropene		ug/L															
1,2,3-Trichlorobenzene		ug/L															
1,2,3-Trichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2,4-Trichlorobenzene		ug/L															
1,2,4-Trimethylbenzene		ug/L															
1,2-Dibromo-3-chloropropane		ug/L															
1,2-Dibromoethane		ug/L															
1,2-Dichlorobenzene		ug/L															
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
1,3,5-Trimethylbenzene		ug/L															
1,3-Dichlorobenzene		ug/L															
1,3-Dichloropropane		ug/L															
1,4-Dichloro-2-butene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L															
1,4-Dioxane		ug/L															
2,2-Dichloropropane		ug/L															
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-Chlorotoluene		ug/L															
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
4-Chlorotoluene		ug/L															
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

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

Report Date: 11/12/04

Location Code:
Associated Site:
Sample No:
Sample Date:

12SW10
Central Creek
12SW10(WATER)
15-MAR-95

12SW11
Central Creek
12SW11(WATER)
15-MAR-95

12SW12
Central Creek
12SW12(WATER)
15-MAR-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloropropene		ug/L															
1,2,3-Trichlorobenzene		ug/L															
1,2,3-Trichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2,4-Trichlorobenzene		ug/L															
1,2,4-Trimethylbenzene		ug/L															
1,2-Dibromo-3-chloropropane		ug/L															
1,2-Dibromoethane		ug/L															
1,2-Dichlorobenzene		ug/L															
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
1,3,5-Trimethylbenzene		ug/L															
1,3-Dichlorobenzene		ug/L															
1,3-Dichloropropane		ug/L															
1,4-Dichloro-2-butene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L															
1,4-Dioxane		ug/L															
2,2-Dichloropropane		ug/L															
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-Chlorotoluene		ug/L															
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
4-Chlorotoluene		ug/L															
Acetone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10			10	-99
Acrylonitrile		ug/L	50	<	U	50	-99	50	<	U	50	-99	50	<	U	50	-99

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Central Creek Watershed
Longhorn Army Ammunition Plan, Karnack, Texas

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Location Code:	12SW13	12SW14	12SW15
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW13(WATER)	12SW14(WATER)	12SW15
Sample Date:	01-MAR-95	02-MAR-95	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
1,1-Dichloropropene		ug/L											1	<	U	1	1
1,2,3-Trichlorobenzene		ug/L											1	<	U	1	1
1,2,3-Trichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
1,2,4-Trichlorobenzene		ug/L											1	<	U	1	1
1,2,4-Trimethylbenzene		ug/L											1	<	U	1	1
1,2-Dibromo-3-chloropropane		ug/L											4	<	U	4	4
1,2-Dibromoethane		ug/L											1	<	U	1	1
1,2-Dichlorobenzene		ug/L											1	<	U	1	1
1,2-Dichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
1,2-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99					
1,2-Dichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
1,3,5-Trimethylbenzene		ug/L											1	<	U	1	1
1,3-Dichlorobenzene		ug/L											1	<	U	1	1
1,3-Dichloropropane		ug/L											1	<	U	1	1
1,4-Dichloro-2-butene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	10
1,4-Dichlorobenzene		ug/L											1	<	U	1	1
1,4-Dioxane		ug/L											200	<	U	200	200
2,2-Dichloropropane		ug/L											1	<	U	1	1
2-Butanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	5
2-Chloroethyl vinyl ether		ug/L	10	<	U	10	-99	10	<	U	10	-99					
2-Chlorotoluene		ug/L											1	<	U	1	1
2-Hexanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	5
2-Propenal		ug/L	50	<	U	50	-99	50	<	U	50	-99	20	<	U	20	20
4-Chlorotoluene		ug/L											1	<	U	1	1
Acetone		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	5
Acrylonitrile		ug/L	50	<	U	50	-99	50	<	U	50	-99	20	<	U	20	20

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Location Code:	12SW15	12SW16	12SW17
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW15QC	12SW16	12SW17A
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,1-Dichloropropene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2,3-Trichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2,3-Trichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2,4-Trichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2,4-Trimethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2-Dibromo-3-chloropropane		ug/L	4	<	U	4	4	4	<	U	4	4	4	<	U	4	4
1,2-Dibromoethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2-Dichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2-Dichloroethene		ug/L															
1,2-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,3,5-Trimethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,3-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,3-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,4-Dichloro-2-butene		ug/L	10	<	U	10	10	10	<	U	10	10	10	<	U	10	10
1,4-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,4-Dioxane		ug/L	200	<	U	200	200	200	<	U	200	200	200	<	U	200	200
2,2-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
2-Butanone		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
2-Chloroethyl vinyl ether		ug/L															
2-Chlorotoluene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
2-Hexanone		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
2-Propenal		ug/L	20	<	U	20	20	20	<	U	20	20	20	<	U	20	20
4-Chlorotoluene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Acetone		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Acrylonitrile		ug/L	20	<	U	20	20	20	<	U	20	20	20	<	U	20	20

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Location Code:	12SW18	12SW19	29SW02
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW18	12SW19	29SW02
Sample Date:	06-OCT-98	07-OCT-98	25-MAY-93

User Test Group

<i>Parameter</i>	<i>Flt</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	
VOLATILES																		
1,1-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
1,1-Dichloropropene		ug/L	1	<	U	1	1	1	<	U	1	1						
1,2,3-Trichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1						
1,2,3-Trichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
1,2,4-Trichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1						
1,2,4-Trimethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1						
1,2-Dibromo-3-chloropropane		ug/L	4	<	U	4	4	4	<	U	4	4						
1,2-Dibromoethane		ug/L	1	<	U	1	1	1	<	U	1	1						
1,2-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1						
1,2-Dichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
1,2-Dichloroethene		ug/L																
1,2-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
1,3,5-Trimethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1						
1,3-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1						
1,3-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1						
1,4-Dichloro-2-butene		ug/L	10	<	U	10	10	10	<	U	10	10		10	<	U	10	-99
1,4-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1						
1,4-Dioxane		ug/L	200	<	U	200	200	200	<	U	200	200						
2,2-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1						
2-Butanone		ug/L	5	<	U	5	5	5	<	U	5	5		10	<	U	10	-99
2-Chloroethyl vinyl ether		ug/L																
2-Chlorotoluene		ug/L	1	<	U	1	1	1	<	U	1	1						
2-Hexanone		ug/L	5	<	U	5	5	5	<	U	5	5		10	<	U	10	-99
2-Propenal		ug/L	20	<	U	20	20	20	<	U	20	20		10	<	U	10	-99
4-Chlorotoluene		ug/L	1	<	U	1	1	1	<	U	1	1						
Acetone		ug/L	5	<	U	5	5	5	<	U	5	5		10	<	U	10	-99
Acrylonitrile		ug/L	20	<	U	20	20	20	<	U	20	20		10	<	U	10	-99

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Location Code:	29SW03	29SW04	29SW05
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW03	29SW04	29SW05
Sample Date:	19-MAY-93	19-MAY-93	13-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloropropene		ug/L															
1,2,3-Trichlorobenzene		ug/L															
1,2,3-Trichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2,4-Trichlorobenzene		ug/L															
1,2,4-Trimethylbenzene		ug/L															
1,2-Dibromo-3-chloropropane		ug/L															
1,2-Dibromoethane		ug/L															
1,2-Dichlorobenzene		ug/L															
1,2-Dichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2-Dichloroethene		ug/L															
1,2-Dichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,3,5-Trimethylbenzene		ug/L															
1,3-Dichlorobenzene		ug/L															
1,3-Dichloropropane		ug/L															
1,4-Dichloro-2-butene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L															
1,4-Dioxane		ug/L															
2,2-Dichloropropane		ug/L															
2-Butanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chloroethyl vinyl ether		ug/L															
2-Chlorotoluene		ug/L															
2-Hexanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Propenal		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
4-Chlorotoluene		ug/L															
Acetone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Acrylonitrile		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99

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Location Code:	29SW06	29SW07	29SW08
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW06	29SW07	29SW08
Sample Date:	20-MAY-93	13-MAY-93	12-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloropropene		ug/L															
1,2,3-Trichlorobenzene		ug/L															
1,2,3-Trichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2,4-Trichlorobenzene		ug/L															
1,2,4-Trimethylbenzene		ug/L															
1,2-Dibromo-3-chloropropane		ug/L															
1,2-Dibromoethane		ug/L															
1,2-Dichlorobenzene		ug/L															
1,2-Dichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2-Dichloroethene		ug/L															
1,2-Dichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,3,5-Trimethylbenzene		ug/L															
1,3-Dichlorobenzene		ug/L															
1,3-Dichloropropane		ug/L															
1,4-Dichloro-2-butene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L															
1,4-Dioxane		ug/L															
2,2-Dichloropropane		ug/L															
2-Butanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chloroethyl vinyl ether		ug/L															
2-Chlorotoluene		ug/L															
2-Hexanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Propenal		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
4-Chlorotoluene		ug/L															
Acetone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
Acrylonitrile		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99

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Location Code:	29SW09	29SW09	29SW18
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW09	29SW09-QC	29SW18
Sample Date:	12-MAY-93	12-MAY-93	03-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,1-Dichloropropene		ug/L															
1,2,3-Trichlorobenzene		ug/L															
1,2,3-Trichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2,4-Trichlorobenzene		ug/L															
1,2,4-Trimethylbenzene		ug/L															
1,2-Dibromo-3-chloropropane		ug/L															
1,2-Dibromoethane		ug/L															
1,2-Dichlorobenzene		ug/L															
1,2-Dichloroethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,2-Dichloroethene		ug/L															
1,2-Dichloropropane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
1,3,5-Trimethylbenzene		ug/L															
1,3-Dichlorobenzene		ug/L															
1,3-Dichloropropane		ug/L															
1,4-Dichloro-2-butene		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
1,4-Dichlorobenzene		ug/L															
1,4-Dioxane		ug/L															
2,2-Dichloropropane		ug/L															
2-Butanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Chloroethyl vinyl ether		ug/L															
2-Chlorotoluene		ug/L															
2-Hexanone		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
2-Propenal		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99
4-Chlorotoluene		ug/L															
Acetone		ug/L	10	<	U	10	-99	23			10	-99	10	<	U	10	-99
Acrylonitrile		ug/L	10	<	U	10	-99	10	<	U	10	-99	10	<	U	10	-99

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Location Code:	29SW23	29SW23	29SW25
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW23	29SW23QC	29SW25
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,1-Dichloropropene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2,3-Trichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2,3-Trichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2,4-Trichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2,4-Trimethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2-Dibromo-3-chloropropane		ug/L	4	<	U	4	4	4	<	U	4	4	4	<	U	4	4
1,2-Dibromoethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2-Dichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,2-Dichloroethene		ug/L															
1,2-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,3,5-Trimethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,3-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,3-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,4-Dichloro-2-butene		ug/L	10	<	U	10	10	10	<	U	10	10	10	<	U	10	10
1,4-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
1,4-Dioxane		ug/L	200	<	U	200	200	200	<	U	200	200	200	<	U	200	200
2,2-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
2-Butanone		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
2-Chloroethyl vinyl ether		ug/L															
2-Chlorotoluene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
2-Hexanone		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
2-Propenal		ug/L	20	<	U	20	20	20	<	U	20	20	20	<	U	20	20
4-Chlorotoluene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Acetone		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Acrylonitrile		ug/L	20	<	U	20	20	20	<	U	20	20	20	<	U	20	20

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

Report Date: 11/12/04

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Location Code:	29SW28	GPCSW09	GPCSW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW28	GPCSW09-981111	GPCSW09-981203
Sample Date:	06-OCT-98	11-NOV-98	03-DEC-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
1,1-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1					
1,1-Dichloropropene		ug/L	1	<	U	1	1	1	<	U	1	1					
1,2,3-Trichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
1,2,3-Trichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1					
1,2,4-Trichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
1,2,4-Trimethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
1,2-Dibromo-3-chloropropane		ug/L	4	<	U	4	4	4	<	U	4	4					
1,2-Dibromoethane		ug/L	1	<	U	1	1	1	<	U	1	1					
1,2-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
1,2-Dichloroethane		ug/L	1	<	U	1	1	1	<	U	1	1					
1,2-Dichloroethene		ug/L															
1,2-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1					
1,3,5-Trimethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
1,3-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
1,3-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1					
1,4-Dichloro-2-butene		ug/L	10	<	U	10	10	10	<	U	10	10					
1,4-Dichlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
1,4-Dioxane		ug/L	200	<	U	200	200	200	<	U	200	200					
2,2-Dichloropropane		ug/L	1	<	U	1	1	1	<	U	1	1					
2-Butanone		ug/L	5	<	U	5	5	5	<	U	5	5					
2-Chloroethyl vinyl ether		ug/L															
2-Chlorotoluene		ug/L	1	<	U	1	1	1	<	U	1	1					
2-Hexanone		ug/L	5	<	U	5	5	5	<	U	5	5					
2-Propenal		ug/L	20	<	U	20	20	20	<	U	20	20					
4-Chlorotoluene		ug/L	1	<	U	1	1	1	<	U	1	1					
Acetone		ug/L	5	<	U	5	5	5	<	U	5	5					
Acrylonitrile		ug/L	20	<	U	20	20	20	<	U	20	20					

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12SW01

Central Creek

C-12SW01-930518

18-MAY-93

[illegible]

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12SW04
Central Creek
12SW04(WATER)
18-FEB-95

[illegible]

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12SW07
Central Creek
12SW07(WATER)
18-FEB-95

[illegible]

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12SW09
Central Creek
12SW09(WATER)
18-FEB-95

[illegible]

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12SW12
Central Creek
12SW12(WATER)
15-MAR-95

[illegible]

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

Report Date: 11/12/04

Location Code:	12SW13	12SW14	12SW15
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW13(WATER)	12SW14(WATER)	12SW15
Sample Date:	01-MAR-95	02-MAR-95	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Benzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Bromobenzene		ug/L											1	<	U	1	1
Bromochloromethane		ug/L											1	<	U	1	1
Bromodichloromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Bromoform		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Bromomethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	2	<	U	2	2
Carbon disulfide		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Carbon tetrachloride		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Chlorobenzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Chloroethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	2	<	U	2	2
Chloroform		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Chloromethane		ug/L	10	<	U	10	-99	10	<	U	10	-99	2	<	U	2	2
Dibromochloromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	5
Dibromomethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	2	<	U	2	2
Dichlorodifluoromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Ethyl methacrylate		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	5
Ethylbenzene		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Hexachlorobutadiene		ug/L											1	<	U	1	1
IODOMETHANE		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	5
ISOBUTYL ALCOHOL		ug/L											200	<	U	200	200
Isopropylbenzene		ug/L											1	<	U	1	1
METHYL METHACRYLATE		ug/L											5	<	U	5	5
Methacrylonitrile		ug/L											20	<	U	20	20
Methyl isobutyl ketone		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	5
Methylene chloride		ug/L	10	<	U	10	-99	10	<	U	10	-99	1	<	U	1	1
Naphthalene		ug/L											1	<	U	1	1
Pentachloroethane		ug/L											10	<	U	10	10

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

Report Date: 11/12/04

Location Code:	12SW15	12SW16	12SW17
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW15QC	12SW16	12SW17A
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Benzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Bromobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Bromochloromethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Bromodichloromethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Bromoform		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Bromomethane		ug/L	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Carbon disulfide		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Carbon tetrachloride		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Chlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Chloroethane		ug/L	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Chloroform		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Chloromethane		ug/L	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Dibromochloromethane		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Dibromomethane		ug/L	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Dichlorodifluoromethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Ethyl methacrylate		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Ethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Hexachlorobutadiene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
IODOMETHANE		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
ISOBUTYL ALCOHOL		ug/L	200	<	U	200	200	200	<	U	200	200	200	<	U	200	200
Isopropylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
METHYL METHACRYLATE		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Methacrylonitrile		ug/L	20	<	U	20	20	20	<	U	20	20	20	<	U	20	20
Methyl isobutyl ketone		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Methylene chloride		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Naphthalene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Pentachloroethane		ug/L	10	<	U	10	10	10	<	U	10	10	10	<	U	10	10

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

Report Date: 11/12/04

Location Code:	12SW18	12SW19	29SW02
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW18	12SW19	29SW02
Sample Date:	06-OCT-98	07-OCT-98	25-MAY-93

User Test Group

<i>Parameter</i>	<i>Flt</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	
VOLATILES																		
Benzene		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
Bromobenzene		ug/L	1	<	U	1	1	1	<	U	1	1						
Bromochloromethane		ug/L	1	<	U	1	1	1	<	U	1	1						
Bromodichloromethane		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
Bromoform		ug/L	1	<	U	1	1	1	<	U	1	1						
Bromomethane		ug/L	2	<	U	2	2	2	<	U	2	2		10	<	U	10	-99
Carbon disulfide		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
Carbon tetrachloride		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
Chlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
Chloroethane		ug/L	2	<	U	2	2	2	<	U	2	2		10	<	U	10	-99
Chloroform		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
Chloromethane		ug/L	2	<	U	2	2	2	<	U	2	2		10	<	U	10	-99
Dibromochloromethane		ug/L	5	<	U	5	5	5	<	U	5	5		5	<	U	5	-99
Dibromomethane		ug/L	2	<	U	2	2	2	<	U	2	2		5	<	U	5	-99
Dichlorodifluoromethane		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
Ethyl methacrylate		ug/L	5	<	U	5	5	5	<	U	5	5		5	<	U	5	-99
Ethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
Hexachlorobutadiene		ug/L	1	<	U	1	1	1	<	U	1	1						
IODOMETHANE		ug/L	5	<	U	5	5	5	<	U	5	5		10	<	U	10	-99
ISOBUTYL ALCOHOL		ug/L	200	<	U	200	200	200	<	U	200	200						
Isopropylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1						
METHYL METHACRYLATE		ug/L	5	<	U	5	5	5	<	U	5	5						
Methacrylonitrile		ug/L	20	<	U	20	20	20	<	U	20	20						
Methyl isobutyl ketone		ug/L	5	<	U	5	5	5	<	U	5	5		10	<	U	10	-99
Methylene chloride		ug/L	1	<	U	1	1	1	<	U	1	1		5	<	U	5	-99
Naphthalene		ug/L	1	<	U	1	1	1	<	U	1	1						
Pentachloroethane		ug/L	10	<	U	10	10	10	<	U	10	10						

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29SW05

Central Creek

29SW05

13-MAY-93

[illegible]

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User Test Group

[illegible]

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User Test Group

[illegible]

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29SW21

Central Creek

29SW21(WATER)

22-FEB-95

<u>Parameter</u>	<u>F/t</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Pentachloroethane ug/L

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

Report Date: 11/12/04

Location Code:	29SW23	29SW23	29SW25
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW23	29SW23QC	29SW25
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Benzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Bromobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Bromochloromethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Bromodichloromethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Bromoform		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Bromomethane		ug/L	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Carbon disulfide		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Carbon tetrachloride		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Chlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Chloroethane		ug/L	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Chloroform		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Chloromethane		ug/L	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Dibromochloromethane		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Dibromomethane		ug/L	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Dichlorodifluoromethane		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Ethyl methacrylate		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Ethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Hexachlorobutadiene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
IODOMETHANE		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
ISOBUTYL ALCOHOL		ug/L	200	<	U	200	200	200	<	U	200	200	200	<	U	200	200
Isopropylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
METHYL METHACRYLATE		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Methacrylonitrile		ug/L	20	<	U	20	20	20	<	U	20	20	20	<	U	20	20
Methyl isobutyl ketone		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Methylene chloride		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Naphthalene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Pentachloroethane		ug/L	10	<	U	10	10	10	<	U	10	10	10	<	U	10	10

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

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Location Code:	29SW28	GPCSW09	GPCSW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW28	GPCSW09-981111	GPCSW09-981203
Sample Date:	06-OCT-98	11-NOV-98	03-DEC-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Benzene		ug/L	1	<	U	1	1	1	<	U	1	1					
Bromobenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
Bromochloromethane		ug/L	1	<	U	1	1	1	<	U	1	1					
Bromodichloromethane		ug/L	1	<	U	1	1	1	<	U	1	1					
Bromoform		ug/L	1	<	U	1	1	1	<	U	1	1					
Bromomethane		ug/L	2	<	U	2	2	2	<	U	2	2					
Carbon disulfide		ug/L	1	<	U	1	1	1	<	U	1	1					
Carbon tetrachloride		ug/L	1	<	U	1	1	1	<	U	1	1					
Chlorobenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
Chloroethane		ug/L	2	<	U	2	2	2	<	U	2	2					
Chloroform		ug/L	1	<	U	1	1	1	<	U	1	1					
Chloromethane		ug/L	2	<	U	2	2	2	<	U	2	2					
Dibromochloromethane		ug/L	5	<	U	5	5	5	<	U	5	5					
Dibromomethane		ug/L	2	<	U	2	2	2	<	U	2	2					
Dichlorodifluoromethane		ug/L	1	<	U	1	1	1	<	U	1	1					
Ethyl methacrylate		ug/L	5	<	U	5	5	5	<	U	5	5					
Ethylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
Hexachlorobutadiene		ug/L	1	<	U	1	1	1	<	U	1	1					
IODOMETHANE		ug/L	5	<	U	5	5	5	<	U	5	5					
ISOBUTYL ALCOHOL		ug/L	200	<	U	200	200	200	<	U	200	200					
Isopropylbenzene		ug/L	1	<	U	1	1	1	<	U	1	1					
METHYL METHACRYLATE		ug/L	5	<	U	5	5	5	<	U	5	5					
Methacrylonitrile		ug/L	20	<	U	20	20	20	<	U	20	20					
Methyl isobutyl ketone		ug/L	5	<	U	5	5	5	<	U	5	5					
Methylene chloride		ug/L	1	<	U	1	1	1	<	U	1	1					
Naphthalene		ug/L	1	<	U	1	1	1	<	U	1	1					
Pentachloroethane		ug/L	10	<	U	10	10	10	<	U	10	10					

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Location Code:	11SW13	11SW14	12SW01
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	LH11-SW13	LH11-SW14	C-12SW01-930518
Sample Date:	31-MAR-93	31-MAR-93	18-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L															
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
Vinyl acetate		ug/L	50	<	U	50	-99	50	<	U	50	-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-1,2-Dichloroethene		ug/L											5	<	U	5	-99
cis-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99					
n-BUTYLBENZENE		ug/L															
n-PROPYLBENZENE		ug/L															
p-ISOPROPYLTOLUENE		ug/L															
sec-BUTYLBENZENE		ug/L															
tert-BUTYLBENZENE		ug/L															
trans-1,2-Dichloroethene		ug/L											5	<	U	5	-99
trans-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99

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Location Code:	12SW02	12SW03	12SW04
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW02	12SW03	12SW04(WATER)
Sample Date:	04-MAY-93	18-MAY-93	18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L															
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-1,2-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99					
cis-1,3-Dichloropropene		ug/L											5	<	U	5	-99
n-BUTYLBENZENE		ug/L															
n-PROPYLBENZENE		ug/L															
p-ISOPROPYLTOLUENE		ug/L															
sec-BUTYLBENZENE		ug/L															
tert-BUTYLBENZENE		ug/L															
trans-1,2-Dichloroethene		ug/L	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

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Location Code:	12SW05	12SW06	12SW07
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW05(WATER)	12SW06(WATER)	12SW07(WATER)
Sample Date:	18-FEB-95	18-FEB-95	18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L															
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-1,2-Dichloroethene		ug/L															
cis-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
n-BUTYLBENZENE		ug/L															
n-PROPYLBENZENE		ug/L															
p-ISOPROPYLTOLUENE		ug/L															
sec-BUTYLBENZENE		ug/L															
tert-BUTYLBENZENE		ug/L															
trans-1,2-Dichloroethene		ug/L															
trans-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99

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Location Code:	12SW08	12SW08	12SW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW08(WATER)	12SW08(WATER)QC	12SW09(WATER)
Sample Date:	18-FEB-95	18-FEB-95	18-FEB-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L															
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-1,2-Dichloroethene		ug/L															
cis-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
n-BUTYLBENZENE		ug/L															
n-PROPYLBENZENE		ug/L															
p-ISOPROPYLTOLUENE		ug/L															
sec-BUTYLBENZENE		ug/L															
tert-BUTYLBENZENE		ug/L															
trans-1,2-Dichloroethene		ug/L															
trans-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99

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Location Code:	12SW10	12SW11	12SW12
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW10(WATER)	12SW11(WATER)	12SW12(WATER)
Sample Date:	15-MAR-95	15-MAR-95	15-MAR-95

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L															
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-1,2-Dichloroethene		ug/L															
cis-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
n-BUTYLBENZENE		ug/L															
n-PROPYLBENZENE		ug/L															
p-ISOPROPYLTOLUENE		ug/L															
sec-BUTYLBENZENE		ug/L															
tert-BUTYLBENZENE		ug/L															
trans-1,2-Dichloroethene		ug/L															
trans-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99

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Location Code:	12SW13	12SW14	12SW15
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW13(WATER)	12SW14(WATER)	12SW15
Sample Date:	01-MAR-95	02-MAR-95	06-OCT-98

User Test Group

<i>Parameter</i>	<i>Flt</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
VOLATILES																	
Propionitrile		ug/L											20	<	U	20	20
Styrene		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Tetrachloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Toluene		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Trichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
Trichlorofluoromethane		ug/L	5	<	U	5	-99	5	<	U	5	-99	2	<	U	2	2
Vinyl acetate		ug/L	10	<	U	10	-99	10	<	U	10	-99	5	<	U	5	5
Vinyl chloride		ug/L	10	<	U	10	-99	10	<	U	10	-99	1	<	U	1	1
Xylenes, Total		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1
cis-1,2-Dichloroethene		ug/L											1	<	U	1	1
cis-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	5
n-BUTYLBENZENE		ug/L											1	<	U	1	1
n-PROPYLBENZENE		ug/L											1	<	U	1	1
p-ISOPROPYLTOLUENE		ug/L											1	<	U	1	1
sec-BUTYLBENZENE		ug/L											1	<	U	1	1
tert-BUTYLBENZENE		ug/L											1	<	U	1	1
trans-1,2-Dichloroethene		ug/L											1	<	U	1	1
trans-1,3-Dichloropropene		ug/L	5	<	U	5	-99	5	<	U	5	-99	1	<	U	1	1

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Location Code:	12SW15	12SW16	12SW17
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW15QC	12SW16	12SW17A
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L	20	<	U	20	20	20	<	U	20	20	20	<	U	20	20
Styrene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Tetrachloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Toluene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Trichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Trichlorofluoromethane		ug/L	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Vinyl acetate		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Vinyl chloride		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Xylenes, Total		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
cis-1,2-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
cis-1,3-Dichloropropene		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
n-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
n-PROPYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
p-ISOPROPYLTOLUENE		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
sec-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
tert-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
trans-1,2-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
trans-1,3-Dichloropropene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1

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Location Code:	12SW18	12SW19	29SW02
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	12SW18	12SW19	29SW02
Sample Date:	06-OCT-98	07-OCT-98	25-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L	20	<	U	20	20	20	<	U	20	20					
Styrene		ug/L	1	<	U	1	1	1	<	U	1	1	5	<	U	5	-99
Tetrachloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	5	<	U	5	-99
Toluene		ug/L	1	<	U	1	1	1	<	U	1	1	5	<	U	5	-99
Trichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	5	<	U	5	-99
Trichlorofluoromethane		ug/L	2	<	U	2	2	2	<	U	2	2	5	<	U	5	-99
Vinyl acetate		ug/L	5	<	U	5	5	5	<	U	5	5	10	<	U	10	-99
Vinyl chloride		ug/L	1	<	U	1	1	1	<	U	1	1	10	<	U	10	-99
Xylenes, Total		ug/L	1	<	U	1	1	1	<	U	1	1	5	<	U	5	-99
cis-1,2-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	5	<	U	5	-99
cis-1,3-Dichloropropene		ug/L	5	<	U	5	5	5	<	U	5	5					
n-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1					
n-PROPYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1					
p-ISOPROPYLTOLUENE		ug/L	1	<	U	1	1	1	<	U	1	1					
sec-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1					
tert-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1					
trans-1,2-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	5	<	U	5	-99
trans-1,3-Dichloropropene		ug/L	1	<	U	1	1	1	<	U	1	1	5	<	U	5	-99

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Location Code:	29SW03	29SW04	29SW05
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW03	29SW04	29SW05
Sample Date:	19-MAY-93	19-MAY-93	13-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L															
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-1,2-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
cis-1,3-Dichloropropene		ug/L															
n-BUTYLBENZENE		ug/L															
n-PROPYLBENZENE		ug/L															
p-ISOPROPYLTOLUENE		ug/L															
sec-BUTYLBENZENE		ug/L															
tert-BUTYLBENZENE		ug/L															
trans-1,2-Dichloroethene		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

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Location Code:	29SW06	29SW07	29SW08
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW06	29SW07	29SW08
Sample Date:	20-MAY-93	13-MAY-93	12-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L															
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-1,2-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
cis-1,3-Dichloropropene		ug/L															
n-BUTYLBENZENE		ug/L															
n-PROPYLBENZENE		ug/L															
p-ISOPROPYLTOLUENE		ug/L															
sec-BUTYLBENZENE		ug/L															
tert-BUTYLBENZENE		ug/L															
trans-1,2-Dichloroethene		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

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Location Code:	29SW09	29SW09	29SW18
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW09	29SW09-QC	29SW18
Sample Date:	12-MAY-93	12-MAY-93	03-MAY-93

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L															
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-1,2-Dichloroethene		ug/L	5	<	U	5	-99	5	<	U	5	-99	5	<	U	5	-99
cis-1,3-Dichloropropene		ug/L															
n-BUTYLBENZENE		ug/L															
n-PROPYLBENZENE		ug/L															
p-ISOPROPYLTOLUENE		ug/L															
sec-BUTYLBENZENE		ug/L															
tert-BUTYLBENZENE		ug/L															
trans-1,2-Dichloroethene		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

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29SW21

Central Creek

29SW21(WATER)

22-FEB-95

MDL

ug/L

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Location Code:	29SW23	29SW23	29SW25
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW23	29SW23QC	29SW25
Sample Date:	06-OCT-98	06-OCT-98	06-OCT-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L	20	<	U	20	20	20	<	U	20	20	20	<	U	20	20
Styrene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Tetrachloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Toluene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Trichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Trichlorofluoromethane		ug/L	2	<	U	2	2	2	<	U	2	2	2	<	U	2	2
Vinyl acetate		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
Vinyl chloride		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
Xylenes, Total		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
cis-1,2-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
cis-1,3-Dichloropropene		ug/L	5	<	U	5	5	5	<	U	5	5	5	<	U	5	5
n-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
n-PROPYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
p-ISOPROPYLTOLUENE		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
sec-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
tert-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
trans-1,2-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1
trans-1,3-Dichloropropene		ug/L	1	<	U	1	1	1	<	U	1	1	1	<	U	1	1

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Location Code:	29SW28	GPCSW09	GPCSW09
Associated Site:	Central Creek	Central Creek	Central Creek
Sample No:	29SW28	GPCSW09-981111	GPCSW09-981203
Sample Date:	06-OCT-98	11-NOV-98	03-DEC-98

User Test Group

Parameter	Flt	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																	
Propionitrile		ug/L	20	<	U	20	20	20	<	U	20	20					
Styrene		ug/L	1	<	U	1	1	1	<	U	1	1					
Tetrachloroethene		ug/L	1	<	U	1	1	1	<	U	1	1					
Toluene		ug/L	1	<	U	1	1	1	<	U	1	1					
Trichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1					
Trichlorofluoromethane		ug/L	2	<	U	2	2	2	<	U	2	2					
Vinyl acetate		ug/L	5	<	U	5	5	5	<	U	5	5					
Vinyl chloride		ug/L	1	<	U	1	1	1	<	U	1	1					
Xylenes, Total		ug/L	1	<	U	1	1	1	<	U	1	1					
cis-1,2-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1					
cis-1,3-Dichloropropene		ug/L	5	<	U	5	5	5	<	U	5	5					
n-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1					
n-PROPYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1					
p-ISOPROPYLTOLUENE		ug/L	1	<	U	1	1	1	<	U	1	1					
sec-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1					
tert-BUTYLBENZENE		ug/L	1	<	U	1	1	1	<	U	1	1					
trans-1,2-Dichloroethene		ug/L	1	<	U	1	1	1	<	U	1	1					
trans-1,3-Dichloropropene		ug/L	1	<	U	1	1	1	<	U	1	1					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	29SD12					29SD13					29SD13				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD12(0-0.5)					29SD13(0-0.5)					29SD13(0-0.5)QC				
	Sample Date:	27-APR-93					27-APR-93					27-APR-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
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	.39	<	U	.39	-99	.97	<	U	.97	-99
1,3-Dinitrobenzene	mg/kg	.36	<	U	.36	-99	.39	<	U	.39	-99	.97	<	U	.97	-99
2,4,6-Trinitrotoluene	mg/kg	.36	<	UJ	.36	-99	51		J	.39	-99	190			.97	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
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User Test Group	Location Code:	29SD14					29SD15					29SD16				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD14(0.5)					29SD15(0-0.5)					29SD16(0-0.5)				
	Sample Date:	30-APR-93					27-APR-93					27-APR-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
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	.32	<	U	.32	-99	.42	<	U	.42	-99
1,3-Dinitrobenzene	mg/kg	.36	<	U	.36	-99	.32	<	U	.32	-99	.42	<	U	.42	-99
2,4,6-Trinitrotoluene	mg/kg	.36	<	UJ	.36	-99	.32	<	UJ	.32	-99	3.8		J	.42	-99

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Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
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User Test Group	Location Code:	29SD17					29SD22					29SD27				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD17(0.5)					29SD22					29SD27				
	Sample Date:	30-APR-93					07-OCT-98					08-OCT-98				
	Sample Depth:	.0 - 0.5					.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											0.318	<	U	0.318	-99
1,2,3,4,6,7,8-HpCDD	ng/kg											2.89			0.392	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											0.425	<	U	0.425	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											0.509	<	U	0.509	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											0.45			0.267	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											0.284	<	U	0.284	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											0.178	<	U	0.178	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											0.338	<	U	0.338	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											0.29	<	U	0.29	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											0.38	<	U	0.38	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											0.22	<	U	0.22	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											0.26	<	U	0.26	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											0.23	<	U	0.23	-99
2,3,7,8-TCDD	ng/kg											0.468	<	U	0.468	-99
2,3,7,8-TCDF	ng/kg											0.291	<	U	0.291	-99
Heptachlorodibenzo-p-dioxin	ng/kg											6.23			0.392	-99
Heptachlorodibenzofuran	ng/kg											0.318	<	U	0.318	-99
Hexachloridibenzo-p-dioxin	ng/kg											0.284	<	U	0.284	-99
Hexachlorodibenzofuran	ng/kg											0.178	<	U	0.178	-99
Octachlorodibenzo-p-dioxin	ng/kg											198			0.379	-99
Octachlorodibenzofuran	ng/kg											0.301	<	U	0.301	-99
Pentachlorodibenzo-p-dioxin	ng/kg											0.38	<	U	0.38	-99
Pentachlorodibenzofuran	ng/kg											0.23	<	U	0.23	-99
Tetrachlorodibenzo-p-dioxin	ng/kg											0.468	<	U	0.468	-99
Tetrachlorodibenzofuran, Total	ng/kg											0.291	<	U	0.291	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.36	<	U	.36	-99	.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.36	<	U	.36	-99	.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.36	<	UJ	.36	-99	.1	<	U	.1	.1	.1	<	U	.1	.1

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
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User Test Group	Location Code:	29SD29					29SD30					29SD31				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD29					29SD30					29SD31				
	Sample Date:	06-OCT-98					07-OCT-98					07-OCT-98				
	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						5.59				0.613	-99				
1,2,3,4,6,7,8-HpCDD	ng/kg						18.4				0.104	-99				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg						0.819	<	U		0.819	-99				
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg						0.601	<	U		0.601	-99				
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg						2				0.614	-99				
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg						0.336	<	U		0.336	-99				
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg						0.409	<	U		0.409	-99				
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg						0.399	<	U		0.399	-99				
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg						0.668	<	U		0.668	-99				
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg						0.43	<	U		0.43	-99				
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg						0.589	<	U		0.589	-99				
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg						0.599	<	U		0.599	-99				
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg						0.616	<	U		0.616	-99				
2,3,7,8-TCDD	ng/kg						0.783	<	U		0.783	-99				
2,3,7,8-TCDF	ng/kg						0.452	<	U		0.452	-99				
Heptachlorodibenzo-p-dioxin	ng/kg						32.3				0.104	-99				
Heptachlorodibenzofuran	ng/kg						5.59				0.613	-99				
Hexachloridibenzo-p-dioxin	ng/kg						2.21				0.336	-99				
Hexachlorodibenzofuran	ng/kg						3.55				0.409	-99				
Octachlorodibenzo-p-dioxin	ng/kg						444				0.469	-99				
Octachlorodibenzofuran	ng/kg						17.6				0.398	-99				
Pentachlorodibenzo-p-dioxin	ng/kg						0.43	<	U		0.43	-99				
Pentachlorodibenzofuran	ng/kg						1.68				0.616	-99				
Tetrachlorodibenzo-p-dioxin	ng/kg						0.783	<	U		0.783	-99				
Tetrachlorodibenzofuran, Total	ng/kg						0.452	<	U		0.452	-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 Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	32SD01					32SD01					32SD02					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	32SD01(0.5)					32SD01(0.5)QC					32SD02(0.5)					
	Sample Date:	30-APR-93					30-APR-93					30-APR-93					
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	
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							.35	<	U	.35	-99
1,3-Dinitrobenzene	mg/kg	.32	<	U	.32	-99							.35	<	U	.35	-99
2,4,6-Trinitrotoluene	mg/kg	.32	<	UJ	.32	-99							.35	<	UJ	.35	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	32SD03					32SD04					32SD08					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	32SD03(0.5)					32SD04(0.5)					32SD08(000.0)					
	Sample Date:	30-APR-93					30-APR-93					12-APR-95					
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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	.4	<	U	.4	-99	.29	<	U	.29	-99	.7	<	U	.7	-99
1,3-Dinitrobenzene		mg/kg	.4	<	U	.4	-99	.29	<	U	.29	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene		mg/kg	.4	<	UJ	.4	-99	.29	<	UJ	.29	-99	.5	<	U	.5	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	32SD09					32SD10					32SD14				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD09(000.0)					32SD10(000.0)					32SD14(000.0)				
	Sample Date:	12-APR-95					20-FEB-95					19-FEB-95				
	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 Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	32SD15					32SD16					32SD19				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD15(000.0)					32SD16(000.0)					32SD19-981008				
	Sample Date:	19-FEB-95					19-FEB-95					08-OCT-98				
	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											0.726			0.258	-99
1,2,3,4,6,7,8-HpCDD	ng/kg											5.536			0.359	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											0.344	<	U	0.344	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											0.579	<	U	0.579	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											1.422			0.714	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											0.323	<	U	0.323	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											0.476	<	U	0.476	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											0.384	<	U	0.384	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											0.777	<	U	0.777	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											0.433	<	U	0.433	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											0.236	<	U	0.236	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											0.697	<	U	0.697	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											0.247	<	U	0.247	-99
2,3,7,8-TCDD	ng/kg											0.506	<	U	0.506	-99
2,3,7,8-TCDF	ng/kg											0.421	<	U	0.421	-99
Heptachlorodibenzo-p-dioxin	ng/kg											11.233			0.359	-99
Heptachlorodibenzofuran	ng/kg											2.016			0.258	-99
Hexachloridibenzo-p-dioxin	ng/kg											0.323	<	U	0.323	-99
Hexachlorodibenzofuran	ng/kg											1.319			0.476	-99
Octachlorodibenzo-p-dioxin	ng/kg											365.943			0.43	-99
Octachlorodibenzofuran	ng/kg											1.895			0.359	-99
Pentachlorodibenzo-p-dioxin	ng/kg											0.433	<	U	0.433	-99
Pentachlorodibenzofuran	ng/kg											0.247	<	U	0.247	-99
Tetrachlorodibenzo-p-dioxin	ng/kg											0.506	<	U	0.506	-99
Tetrachlorodibenzofuran, Total	ng/kg											0.421	<	U	0.421	-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 Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	35ASD01					35ASD01					35ASD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD01-981109					35ASD01-981203					35ASD02-981109				
	Sample Date:	09-NOV-98					03-DEC-98					09-NOV-98				
	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	2.922			0.271	-99										
1,2,3,4,6,7,8-HpCDD	ng/kg	39.176			0.314	-99										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.339	<	U	0.339	-99										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.236	<	U	0.236	-99										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	3.631	<	UJ	3.631	-99										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	1.007			0.219	-99										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.168	<	U	0.168	-99										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	1.001			0.209	-99										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.211	<	U	0.211	-99										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.348	<	U	0.348	-99										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.187	<	U	0.187	-99										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.189	<	U	0.189	-99										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.19	<	U	0.19	-99										
2,3,7,8-TCDD	ng/kg	0.238	<	U	0.238	-99										
2,3,7,8-TCDF	ng/kg	0.326	<	U	0.326	-99										
Heptachlorodibenzo-p-dioxin	ng/kg	80.063			0.314	-99										
Heptachlorodibenzofuran	ng/kg	2.922			0.271	-99										
Hexachloridibenzo-p-dioxin	ng/kg	2.008			0.219	-99										
Hexachlorodibenzofuran	ng/kg	5.979			0.168	-99										
Octachlorodibenzo-p-dioxin	ng/kg	4444.364			0.19	-99										
Octachlorodibenzofuran	ng/kg	8.289			0.224	-99										
Pentachlorodibenzo-p-dioxin	ng/kg	0.348	<	U	0.348	-99										
Pentachlorodibenzofuran	ng/kg	5.613			0.19	-99										
Tetrachlorodibenzo-p-dioxin	ng/kg	0.238	<	U	0.238	-99										
Tetrachlorodibenzofuran, Total	ng/kg	0.762			0.326	-99										
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15						.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1

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Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	35ASD02					46SD03					46SD03				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD02-981203					46SD03-981110					46SD03-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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						.15	<	U		.15					.15
1,3-Dinitrobenzene	mg/kg						.05	<	U		.05					.05
2,4,6-Trinitrotoluene	mg/kg						.1	<	U		.1					.1

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Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
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User Test Group	Location Code:	46SD04					46SD04					46SD07					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	46SD04-981110					46SD04-981207					46SD07-981110					
	Sample Date:	10-NOV-98					07-DEC-98					10-NOV-98					
	Sample Depth:	.0 - 0					.0 - 0					.0 - 0					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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
1,3-Dinitrobenzene		mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
2,4,6-Trinitrotoluene		mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1

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Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	46SD07					46SD08					46SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD07-981203					46SD08-981110					46SD08-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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						.15	<	U		.15					.15
1,3-Dinitrobenzene	mg/kg						.05	<	U		.05					.05
2,4,6-Trinitrotoluene	mg/kg						.1	<	U		.1					.1

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Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	50SD01					50SD01					50SD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LH50SD01(0-1)					LH50SD01(0-1)QC					LH50SD02(0-1)				
	Sample Date:	29-NOV-95					29-NOV-95					29-NOV-95				
	Sample Depth:	.0 - 1					.0 - 1					.0 - 1				
<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
1,3-Dinitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1

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Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
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User Test Group	Location Code:	50SD03					50SD04					50SD05				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD03-981112					50SD04-981111					50SD05-981111				
	Sample Date:	12-NOV-98					11-NOV-98					11-NOV-98				
	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	.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

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User Test Group	Location Code:	50SD06					50SD06					50SD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD06-981110					C-50SD06QC-981110					50SD06-981111				
	Sample Date:	10-NOV-98					10-NOV-98					11-NOV-98				
	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											0.31	<	UJ	0.31	-99
1,2,3,4,6,7,8-HpCDD	ng/kg											2.141			0.146	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											0.13	<	U	0.13	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											0.127	<	U	0.127	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											0.53	<	UJ	0.53	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											0.118	<	U	0.118	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											0.057	<	U	0.057	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											0.113	<	U	0.113	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											0.071	<	U	0.071	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											0.184	<	U	0.184	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											0.112	<	U	0.112	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											0.064	<	U	0.064	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											0.114	<	U	0.114	-99
2,3,7,8-TCDD	ng/kg											0.095	<	U	0.095	-99
2,3,7,8-TCDF	ng/kg											0.128	<	U	0.128	-99
Heptachlorodibenzo-p-dioxin	ng/kg											4.568			0.146	-99
Heptachlorodibenzofuran	ng/kg											0.75			0.104	-99
Hexachloridibenzo-p-dioxin	ng/kg											0.118	<	UJ	0.118	-99
Hexachlorodibenzofuran	ng/kg											0.74			0.057	-99
Octachlorodibenzo-p-dioxin	ng/kg											114.239			0.135	-99
Octachlorodibenzofuran	ng/kg											0.752			0.187	-99
Pentachlorodibenzo-p-dioxin	ng/kg											0.184	<	U	0.184	-99
Pentachlorodibenzofuran	ng/kg											0.114	<	U	0.114	-99
Tetrachlorodibenzo-p-dioxin	ng/kg											0.095	<	U	0.095	-99
Tetrachlorodibenzofuran, Total	ng/kg											0.128	<	U	0.128	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15	.15	<	U	.15	.15					
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					

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Summary of Validated Sediment Analytical Data
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User Test Group	Location Code:	50SD06					50SD07					50SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	C-50SD06QC-981111					50SD07-981111					50SD08-981111				
	Sample Date:	11-NOV-98					11-NOV-98					11-NOV-98				
	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	0.326			0.076	-99						0.105	<	U	0.105	-99
1,2,3,4,6,7,8-HpCDD	ng/kg	2.325			0.135	-99						2.015			0.165	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.095	<	U	0.095	-99						0.132	<	U	0.132	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.105	<	U	0.105	-99						0.121	<	U	0.121	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	0.495			0.102	-99						0.22	<	UJ	0.22	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.098	<	U	0.098	-99						0.112	<	U	0.112	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.099	<	U	0.099	-99						0.09	<	U	0.09	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	0.093	<	U	0.093	-99						0.107	<	U	0.107	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.124	<	U	0.124	-99						0.113	<	U	0.113	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.15	<	U	0.15	-99						0.151	<	U	0.151	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.103	<	U	0.103	-99						0.091	<	U	0.091	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.111	<	U	0.111	-99						0.101	<	U	0.101	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.105	<	U	0.105	-99						0.092	<	U	0.092	-99
2,3,7,8-TCDD	ng/kg	0.093	<	U	0.093	-99						0.107	<	U	0.107	-99
2,3,7,8-TCDF	ng/kg	0.108	<	U	0.108	-99						0.386			0.21	-99
Heptachlorodibenzo-p-dioxin	ng/kg	4.922			0.135	-99						6.63			0.165	-99
Heptachlorodibenzofuran	ng/kg	0.735			0.076	-99						0.105	<	U	0.105	-99
Hexachloridibenzo-p-dioxin	ng/kg	0.401		J	0.098	-99						0.73			0.112	-99
Hexachlorodibenzofuran	ng/kg	0.685			0.099	-99						0.09	<	U	0.09	-99
Octachlorodibenzo-p-dioxin	ng/kg	135.462			0.113	-99						44.351			0.161	-99
Octachlorodibenzofuran	ng/kg	0.795			0.145	-99						0.391	<	UJ	0.391	-99
Pentachlorodibenzo-p-dioxin	ng/kg	0.15	<	U	0.15	-99						0.151	<	U	0.151	-99
Pentachlorodibenzofuran	ng/kg	0.105	<	U	0.105	-99						0.092	<	U	0.092	-99
Tetrachlorodibenzo-p-dioxin	ng/kg	0.093	<	U	0.093	-99						0.107	<	U	0.107	-99
Tetrachlorodibenzofuran, Total	ng/kg	0.368			0.108	-99						0.104	<	U	0.104	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg						.15	<	U	.15	.15	.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg						.05	<	U	.05	.05	.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg						.1	<	U	.1	.1	.1	<	U	.1	.1

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Goose Prairie Creek Watershed
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60SD02

Goose Prairie Creek

60SD02QC

10-NOV-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

[illegible]

1,3,5-Trinitrobenzene
1,3-Dinitrobenzene
2,4,6-Trinitrotoluene

[illegible]

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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	1.56	<	U	1.56	-99						.835	<	U	.835	-99
1,3-Dinitrobenzene		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
2,4,6-Trinitrotoluene		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99

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Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-2					CL-GPSN-2					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-1(2)					CL-GPSN-2 (1)					CL-GPSN-2(1)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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						1.85	<	U	1.85	-99					
1,3-Dinitrobenzene		mg/kg						1.85	<	U	1.85	-99					
2,4,6-Trinitrotoluene		mg/kg						1.85	<	U	1.85	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-2					CL-GPSN-2					CL-GPSN-3					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-2 (2)					CL-GPSN-2(2)					CL-GPSN-3 (1)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
1,3-Dinitrobenzene		mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
2,4,6-Trinitrotoluene		mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(1)					CL-GPSN-3 (2)					CL-GPSN-3 (2) QC				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
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						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
1,3-Dinitrobenzene	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
2,4,6-Trinitrotoluene	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-4						
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek						
	Sample No:	CL-GPSN-3(2)					CL-GPSN-3(2) QC					CL-GPSN-4 (1)						
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00						
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5						
<u>Parameter</u>		<u>Units</u>		<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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												2.78	<	U	2.78	-99
1,3-Dinitrobenzene		mg/kg												2.78	<	U	2.78	-99
2,4,6-Trinitrotoluene		mg/kg												2.78	<	U	2.78	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-4					CL-GPSN-4					CL-GPSN-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-4(1)					CL-GPSN-4 (2)					CL-GPSN-4(2)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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						.78	<	U		.78					-99
1,3-Dinitrobenzene		mg/kg						.78	<	U		.78					-99
2,4,6-Trinitrotoluene		mg/kg						.78	<	U		.78					-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-1					CL-GPSS-1					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-1 (1)					CL-GPSS-1(1)					CL-GPSS-1 (2)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1					
<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	
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	1.62	<	U	1.62	-99							.5	<	U	.5	-99
1,3-Dinitrobenzene	mg/kg	1.62	<	U	1.62	-99							.5	<	U	.5	-99
2,4,6-Trinitrotoluene	mg/kg	1.62	<	U	1.62	-99							.5	<	U	.5	-99

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-2					CL-GPSS-2					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-1(2)					CL-GPSS-2 (1)					CL-GPSS-2 (1) QC					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
	<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
	1,3-Dinitrobenzene	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
	2,4,6-Trinitrotoluene	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-2					CL-GPSS-2					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-2(1)					CL-GPSS-2(1)QC					CL-GPSS-2 (2)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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	<	U	1	-99
1,3-Dinitrobenzene		mg/kg											1	<	U	1	-99
2,4,6-Trinitrotoluene		mg/kg											1	<	U	1	-99

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User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-3					CL-GPSS-3					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-2(2)					CL-GPSS-3 (1)					CL-GPSS-3(1)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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						.96	<	U		.96				-99	
1,3-Dinitrobenzene		mg/kg						.96	<	U		.96				-99	
2,4,6-Trinitrotoluene		mg/kg						.96	<	U		.96				-99	

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User Test Group	Location Code:	CL-GPSS-3					CL-GPSS-3					CL-GPSS-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-3 (2)					CL-GPSS-3(2)					CL-GPSS-4 (1)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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	.76	<	U	.76	-99						1.04	<	U	1.04	-99
1,3-Dinitrobenzene		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
2,4,6-Trinitrotoluene		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99

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User Test Group	Location Code:	CL-GPSS-4					CL-GPSS-4					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-4(1)					CL-GPSS-4 (2)					CL-GPSS-4(2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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

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User Test Group	Location Code:	FWS-225					FWS-227					GPCSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CLNWR225					CLNWR227					GPCSD01-981118				
	Sample Date:	09-SEP-03					09-SEP-03					18-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,6,7,8-HpCDD	ng/kg															
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg															
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg															
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg															
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg															
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg															
2,3,7,8-TCDD	ng/kg															
2,3,7,8-TCDF	ng/kg															
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
1,3-Dinitrobenzene	mg/kg											.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg											.1	<	U	.1	.1

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User Test Group	Location Code:	GPCSD01					GPCSD02					GPCSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD01-981202					GPCSD02-981118					GPCSD02-981202				
	Sample Date:	02-DEC-98					18-NOV-98					02-DEC-98				
	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						.15	<	U		.15					.15
1,3-Dinitrobenzene	mg/kg						.05	<	U		.05					.05
2,4,6-Trinitrotoluene	mg/kg						.1	<	U		.1					.1

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User Test Group	Location Code:	GPCSD03					GPCSD04					GPCSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD03					GPCSD04-981116					GPCSD04-981202				
	Sample Date:	17-NOV-98					16-NOV-98					02-DEC-98				
	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	0.339	<	UJ	0.339	-99										
1,2,3,4,6,7,8-HpCDD	ng/kg	3.029			0.278	-99										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.108	<	U	0.108	-99										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.161	<	U	0.161	-99										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	0.506	<	UJ	0.506	-99										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.149	<	U	0.149	-99										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.124	<	U	0.124	-99										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	0.142	<	U	0.142	-99										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.156	<	U	0.156	-99										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.216	<	U	0.216	-99										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.104	<	U	0.104	-99										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.14	<	U	0.14	-99										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.106	<	U	0.106	-99										
2,3,7,8-TCDD	ng/kg	0.146	<	U	0.146	-99										
2,3,7,8-TCDF	ng/kg	0.241	<	U	0.241	-99										
Heptachlorodibenzo-p-dioxin	ng/kg	6.919			0.278	-99										
Heptachlorodibenzofuran	ng/kg	0.657			0.086	-99										
Hexachloridibenzo-p-dioxin	ng/kg	1.379			0.149	-99										
Hexachlorodibenzofuran	ng/kg	0.6			0.124	-99										
Octachlorodibenzo-p-dioxin	ng/kg	90.22		B	0.234	-99										
Octachlorodibenzofuran	ng/kg	0.608	<	UJ	0.608	-99										
Pentachlorodibenzo-p-dioxin	ng/kg	0.216	<	U	0.216	-99										
Pentachlorodibenzofuran	ng/kg	0.106	<	U	0.106	-99										
Tetrachlorodibenzo-p-dioxin	ng/kg	0.146	<	U	0.146	-99										
Tetrachlorodibenzofuran, Total	ng/kg	0.238	<	U	0.238	-99										
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15	.15	<	U	.15	.15					
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					

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User Test Group	Location Code:	GPCSD05					GPCSD05					GPCSD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD05-981116					GPCSD05-981202					GPCSD06				
	Sample Date:	16-NOV-98					02-DEC-98					16-NOV-98				
	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											0.976	<	UJB	0.976	-99
1,2,3,4,6,7,8-HpCDD	ng/kg											7.716		B	0.393	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											0.254	<	U	0.254	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											0.482	<	U	0.482	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											1.498	<	UJB	1.498	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											0.269	<	U	0.269	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											0.222	<	U	0.222	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											0.32	<	U	0.32	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											0.362	<	U	0.362	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											0.317	<	U	0.317	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											0.241	<	U	0.241	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											0.325	<	U	0.325	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											0.252	<	U	0.252	-99
2,3,7,8-TCDD	ng/kg											0.348	<	U	0.348	-99
2,3,7,8-TCDF	ng/kg											0.282	<	U	0.282	-99
Heptachlorodibenzo-p-dioxin	ng/kg											16.57			0.393	-99
Heptachlorodibenzofuran	ng/kg											2.818			0.19	-99
Hexachloridibenzo-p-dioxin	ng/kg											1.067			0.269	-99
Hexachlorodibenzofuran	ng/kg											0.969			0.222	-99
Octachlorodibenzo-p-dioxin	ng/kg											235.638		B	0.255	-99
Octachlorodibenzofuran	ng/kg											1.119		B	0.272	-99
Pentachlorodibenzo-p-dioxin	ng/kg											0.317	<	U	0.317	-99
Pentachlorodibenzofuran	ng/kg											1.02			0.252	-99
Tetrachlorodibenzo-p-dioxin	ng/kg											0.348	<	U	0.348	-99
Tetrachlorodibenzofuran, Total	ng/kg											0.282	<	U	0.282	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15						.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD06					GPCSD07					GPCSD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD06QC					GPCSD07-981116					GPCSD07-981203				
	Sample Date:	16-NOV-98					16-NOV-98					03-DEC-98				
	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	1.164			0.202	-99										
1,2,3,4,6,7,8-HpCDD	ng/kg	7.883			0.253	-99										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.27	<	U	0.27	-99										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.287	<	U	0.287	-99										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	0.614			0.23	-99										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.16	<	U	0.16	-99										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.153	<	U	0.153	-99										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	0.19	<	U	0.19	-99										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.25	<	U	0.25	-99										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.171	<	U	0.171	-99										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.135	<	U	0.135	-99										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.225	<	U	0.225	-99										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.141	<	U	0.141	-99										
2,3,7,8-TCDD	ng/kg	0.212	<	U	0.212	-99										
2,3,7,8-TCDF	ng/kg	0.227	<	U	0.227	-99										
Heptachlorodibenzo-p-dioxin	ng/kg	15.442			0.253	-99										
Heptachlorodibenzofuran	ng/kg	4.047			0.202	-99										
Hexachloridibenzo-p-dioxin	ng/kg	0.634			0.16	-99										
Hexachlorodibenzofuran	ng/kg	0.613			0.153	-99										
Octachlorodibenzo-p-dioxin	ng/kg	210.397			0.189	-99										
Octachlorodibenzofuran	ng/kg	1.265			0.144	-99										
Pentachlorodibenzo-p-dioxin	ng/kg	0.171	<	U	0.171	-99										
Pentachlorodibenzofuran	ng/kg	0.487			0.141	-99										
Tetrachlorodibenzo-p-dioxin	ng/kg	0.212	<	U	0.212	-99										
Tetrachlorodibenzofuran, Total	ng/kg	0.227	<	U	0.227	-99										
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15	.15	<	U	.15	.15					
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD08					GPCSD10					GPCSD10				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD08					GPCSD10-981111					GPCSD10-981203				
	Sample Date:	11-NOV-98					11-NOV-98					03-DEC-98				
	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	3.303			0.472	-99										
1,2,3,4,6,7,8-HpCDD	ng/kg	16.519		J	1.409	-99										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.63	<	U	0.63	-99										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.45	<	U	0.45	-99										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	0.357	<	U	0.357	-99										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.251	<	U	0.251	-99										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.238	<	U	0.238	-99										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	0.298	<	U	0.298	-99										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.388	<	U	0.388	-99										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.296	<	U	0.296	-99										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.27	<	U	0.27	-99										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.349	<	U	0.349	-99										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.282	<	U	0.282	-99										
2,3,7,8-TCDD	ng/kg	0.367	<	U	0.367	-99										
2,3,7,8-TCDF	ng/kg	0.399	<	U	0.399	-99										
Heptachlorodibenzo-p-dioxin	ng/kg	92.209			1.409	-99										
Heptachlorodibenzofuran	ng/kg	3.303			0.472	-99										
Hexachloridibenzo-p-dioxin	ng/kg	1.587			0.251	-99										
Hexachlorodibenzofuran	ng/kg	1.918			0.238	-99										
Octachlorodibenzo-p-dioxin	ng/kg	324.705		J	0.498	-99										
Octachlorodibenzofuran	ng/kg	10.993			0.421	-99										
Pentachlorodibenzo-p-dioxin	ng/kg	0.296	<	U	0.296	-99										
Pentachlorodibenzofuran	ng/kg	0.282	<	U	0.282	-99										
Tetrachlorodibenzo-p-dioxin	ng/kg	0.367	<	U	0.367	-99										
Tetrachlorodibenzofuran, Total	ng/kg	0.399	<	U	0.399	-99										
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15	.15	<	U	.15	.15					
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-1					GPS-11					GPS-12						
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek						
	Sample No:	GPS-1					GPS-11					GPS-12						
	Sample Date:	07-AUG-96					04-SEP-97					04-SEP-97						
	Sample Depth:	.0 - 0.5					.0 - 0					.0 - 0						
<u>Parameter</u>		<u>Units</u>		<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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
1,3-Dinitrobenzene		mg/kg							.5	<	U	.5	-99	.5	<	U	.5	-99
2,4,6-Trinitrotoluene		mg/kg							.5	<	U	.5	-99	6.21			.5	-99

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-4

Goose Prairie Creek

GPS-4

07-AUG-96

.0 - 0.5

Sample Depth:

MDL

ng/kg

ng/kg

ng/kg

ng/kg

ng/kg

ng/kg

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Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	GPS-5					GPS-6					GPWSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-5					GPS-6					GPWSD01				
	Sample Date:	08-AUG-96					08-AUG-96					19-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
DIOXINS_FURANS																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg											1.59	<	UJ	1.59	-99
1,2,3,4,6,7,8-HpCDD	ng/kg											33.725			0.74	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											0.348	<	U	0.348	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											0.34	<	U	0.34	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											2.812	<	UJ	2.812	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											0.693			0.315	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											0.144	<	U	0.144	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											1.29	<	UJ	1.29	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											0.181	<	U	0.181	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											0.332	<	U	0.332	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											0.201	<	U	0.201	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											0.162	<	U	0.162	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											0.205	<	U	0.205	-99
2,3,7,8-TCDD	ng/kg											0.206	<	U	0.206	-99
2,3,7,8-TCDF	ng/kg											0.578			0.239	-99
Heptachlorodibenzo-p-dioxin	ng/kg											90.846			0.74	-99
Heptachlorodibenzofuran	ng/kg											0.278	<	U	0.278	-99
Hexachloridibenzo-p-dioxin	ng/kg											26.634			0.315	-99
Hexachlorodibenzofuran	ng/kg											2.882			0.144	-99
Octachlorodibenzo-p-dioxin	ng/kg											1339.652		B	0.406	-99
Octachlorodibenzofuran	ng/kg											6.514			0.398	-99
Pentachlorodibenzo-p-dioxin	ng/kg											0.332	<	U	0.332	-99
Pentachlorodibenzofuran	ng/kg											0.205	<	U	0.205	-99
Tetrachlorodibenzo-p-dioxin	ng/kg											0.206	<	U	0.206	-99
Tetrachlorodibenzofuran, Total	ng/kg											1.107			0.301	-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 Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPWSD01					GPWSD02					GPWSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPWSD01QC					GPWSD02-981201					GPWSD02-981202				
	Sample Date:	19-NOV-98					01-DEC-98					02-DEC-98				
	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	1.644			0.359	-99										
1,2,3,4,6,7,8-HpCDD	ng/kg	33.3			0.952	-99										
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg	0.45	<	U	0.45	-99										
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg	0.329	<	U	0.329	-99										
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg	3.618			0.151	-99										
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg	0.813			0.304	-99										
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg	0.146	<	U	0.146	-99										
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg	1.146			0.291	-99										
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg	0.184	<	U	0.184	-99										
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg	0.321	<	U	0.321	-99										
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg	0.382			0.152	-99										
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg	0.164	<	U	0.164	-99										
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg	0.154	<	U	0.154	-99										
2,3,7,8-TCDD	ng/kg	0.175	<	U	0.175	-99										
2,3,7,8-TCDF	ng/kg	0.744			0.176	-99										
Heptachlorodibenzo-p-dioxin	ng/kg	84.281			0.952	-99										
Heptachlorodibenzofuran	ng/kg	0.359	<	U	0.359	-99										
Hexachloridibenzo-p-dioxin	ng/kg	23.743			0.304	-99										
Hexachlorodibenzofuran	ng/kg	3.214			0.146	-99										
Octachlorodibenzo-p-dioxin	ng/kg	1073.643			0.331	-99										
Octachlorodibenzofuran	ng/kg	8.039			0.329	-99										
Pentachlorodibenzo-p-dioxin	ng/kg	0.321	<	U	0.321	-99										
Pentachlorodibenzofuran	ng/kg	3.604			0.154	-99										
Tetrachlorodibenzo-p-dioxin	ng/kg	0.175	<	U	0.175	-99										
Tetrachlorodibenzofuran, Total	ng/kg	2.513			0.176	-99										
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15	.15	<	U	.15	.15					
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					

Exhibit 1
Summary of Validated Sediment Analytical Data
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User Test Group	Location Code:	GPWSD03					GPWSD03					GPWSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPWSD03-981201					GPWSD03-981202					GPWSD04-981120				
	Sample Date:	01-DEC-98					02-DEC-98					20-NOV-98				
	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											2.318			0.381	-99
1,2,3,4,6,7,8-HpCDD	ng/kg											36.454			0.46	-99
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg											0.477	<	U	0.477	-99
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ng/kg											0.32	<	U	0.32	-99
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg											5.636	<	UJ	5.636	-99
1,2,3,6,7,8-Hexachlordibenzo-p-dioxin	ng/kg											1.157			0.297	-99
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg											0.226	<	U	0.226	-99
1,2,3,7,8,9-Hexachlordibenzo-p-dioxin	ng/kg											1.39			0.284	-99
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg											0.284	<	U	0.284	-99
1,2,3,7,8-Pentachlordibenzo-p-dioxin	ng/kg											0.376	<	U	0.376	-99
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg											0.913	<	UJ	0.913	-99
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg											0.255	<	U	0.255	-99
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg											0.176	<	U	0.176	-99
2,3,7,8-TCDD	ng/kg											0.149	<	U	0.149	-99
2,3,7,8-TCDF	ng/kg											0.689			0.4059	-99
Heptachlorodibenzo-p-dioxin	ng/kg											87.107			0.46	-99
Heptachlorodibenzofuran	ng/kg											2.318			0.381	-99
Hexachloridibenzo-p-dioxin	ng/kg											9.316			0.297	-99
Hexachlorodibenzofuran	ng/kg											6.614			0.226	-99
Octachlorodibenzo-p-dioxin	ng/kg											1237.604		B	0.2	-99
Octachlorodibenzofuran	ng/kg											4.598			0.233	-99
Pentachlorodibenzo-p-dioxin	ng/kg											0.376	<	U	0.376	-99
Pentachlorodibenzofuran	ng/kg											4.436			0.176	-99
Tetrachlorodibenzo-p-dioxin	ng/kg											0.149	<	U	0.149	-99
Tetrachlorodibenzofuran, Total	ng/kg											2.104			0.131	-99
EXPLOSIVES																
1,3,5-Trinitrobenzene	mg/kg	.15	<	U	.15	.15						.15	<	U	.15	.15
1,3-Dinitrobenzene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
2,4,6-Trinitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Sample Date:	12-JAN-95					12-JAN-95					12-JAN-95				
	Sample Depth:	.0 - 0.5					.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	.23	.22	<	U	.22	.22	.21	<	U	.21	.21
1,3-Dinitrobenzene	mg/kg	.23	<	U	.23	.23	.22	<	U	.22	.22	.21	<	U	.21	.21
2,4,6-Trinitrotoluene	mg/kg	.23	<	U	.23	.23	.22	<	U	.22	.22	.21	<	U	.21	.21

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-08					
	Associated Site:	Goose Prairie Creek					
	Sample No:	LHS-GPC-08					
	Sample Date:	12-JAN-95					
	Sample Depth:	.0 - 0.5					
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	.24	<	U	.24	.24
1,3-Dinitrobenzene		mg/kg	.24	<	U	.24	.24
2,4,6-Trinitrotoluene		mg/kg	.24	<	U	.24	.24

00051800

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD13

Goose Prairie Creek

29SD13(0-0.5)QC

27-APR-93

.0 - 0.5

Sample Depth:

[illegible]

00051801

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[illegible]

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD17					29SD22					29SD27				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD17(0.5)					29SD22					29SD27				
	Sample Date:	30-APR-93					07-OCT-98					08-OCT-98				
	Sample Depth:	.0 -0.5					.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	.1	<	U	.1	.1	.1	<	U	.1	.1
2,6-Dinitrotoluene	mg/kg	.37	<	U	.37	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.36	<	U	.36	-99	.05	<	U	.05	.05	.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	.36	<	U	.36	-99	.05	<	U	.05	.05	.05	<	U	.05	.05
HMX	mg/kg	3.1	<	U	3.1	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
Nitrobenzene	mg/kg	.37	<	U	.37	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
RDX	mg/kg	1.4	<	U	1.4	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
Tetryl	mg/kg	.93	<	U	.93	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
m-Nitrotoluene	mg/kg	.36	<	U	.36	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.36	<	U	.36	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	.36	<	U	.36	-99	.1	<	U	.1	.1	.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg	3.17	<	U	3.17	-99										
Nitrate	mg/kg	0.16	<	U	0.16	-99										
Sulfate	mg/kg	3.4			3.17	-99										
Total Organic Carbon	mg/kg															
pH	STD UNIT	6.69			0	0										
METALS																
Aluminum	mg/kg						3400			25	25	11000			27	27
Antimony	mg/kg	1.59	<	U	1.59	-99	7.43	<	U	7.43	7.43	8.06	<	U	8.06	8.06
Arsenic	mg/kg	10.6			1.59	-99	8.87			1.24	1.24	5.26			1.34	1.34
Barium	mg/kg	119			15.9	-99	89			25	25	110			27	27
Beryllium	mg/kg						1.57			0.619	0.619	1.28			0.672	0.672
Boron	mg/kg															
Cadmium	mg/kg	1.59	<	U	1.59	-99	0.619	<	U	0.619	0.619	1.03			0.672	0.672
Calcium	mg/kg						2000			620	620	3600			670	670
Chromium	mg/kg	68.3			1.59	-99	18			1.2	1.2	61			1.3	1.3
Cobalt	mg/kg						7.1			6.2	6.2	15			6.7	6.7

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD29					29SD30					29SD31				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD29					29SD30					29SD31				
	Sample Date:	06-OCT-98					07-OCT-98					07-OCT-98				
	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	<	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															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	5800			30	30	8800			29	29	3500			26	26
Antimony	mg/kg	9.04	<	UJ	9.04	9.04	8.57	<	U	8.57	8.57	7.86	<	U	7.86	7.86
Arsenic	mg/kg	2.01			1.51	1.51	2.29			1.43	1.43	2.49			1.31	1.31
Barium	mg/kg	73			30	30	99			29	29	51			26	26
Beryllium	mg/kg	0.753	<	U	0.753	0.753	0.714	<	U	0.714	0.714	0.655	<	U	0.655	0.655
Boron	mg/kg															
Cadmium	mg/kg	0.753	<	U	0.753	0.753	0.714	<	U	0.714	0.714	0.655	<	U	0.655	0.655
Calcium	mg/kg	1300			750	750	3800			710	710	840			660	660
Chromium	mg/kg	9.3			1.6	1.6	12			1.4	1.4	9.1			1.3	1.3
Cobalt	mg/kg	7.6	<	U	7.6	7.6	10			7.1	7.1	6.6	<	U	6.6	6.6

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD02

Goose Prairie Creek

32SD02(0.5)

30-APR-93

.0 - 0.5

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	.32	<	U	.32	-99						.35	<	U	.35	-99
2,6-Dinitrotoluene	mg/kg	.33	<	U	.33	-99						.36	<	U	.36	-99
2-Amino-4,6-dinitrotoluene	mg/kg	.32	<	U	.32	-99						.35	<	U	.35	-99
4-Amino-2,6-dinitrotoluene	mg/kg	.32	<	U	.32	-99						.35	<	U	.35	-99
HMX	mg/kg	2.8	<	U	2.8	-99						3	<	U	3	-99
Nitrobenzene	mg/kg	.33	<	U	.33	-99						.36	<	U	.36	-99
RDX	mg/kg	1.3	<	U	1.3	-99						1.4	<	U	1.4	-99
Tetryl	mg/kg	.82	<	U	.82	-99						.9	<	U	.9	-99
m-Nitrotoluene	mg/kg	.32	<	U	.32	-99						.35	<	U	.35	-99
o-Nitrotoluene	mg/kg	.32	<	U	.32	-99						.35	<	U	.35	-99
p-Nitrotoluene	mg/kg	.32	<	U	.32	-99						.35	<	U	.35	-99

Chloride	mg/kg	2.53	<	U	2.53	-99	2.5		2.5	-99	3.72		2.82	-99		
Nitrate	mg/kg	0.13	<	U	0.13	-99	0.13	<	U	0.13	-99	0.14	<	U	0.14	-99
Sulfate	mg/kg	6.65			2.53	-99	10.4		2.5	-99	11.7		2.82	-99		
Total Organic Carbon	mg/kg															
pH	STD UNIT	5.58			0	0	5.48		0	0	7.11		0	0		

[illegible]

00051805

Goose Prairie Creek Watershed

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32SD08

Goose Prairie Creek

32SD08(000.0)

12-APR-95

.0 - 0

Sample Depth:

[illegible]

00051806

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD14

Goose Prairie Creek

32SD14(000.0)

19-FEB-95

.0 - 0

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
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

Chloride	mg/kg
Nitrate	mg/kg
Sulfate	mg/kg
Total Organic Carbon	mg/kg
pH	STD UNIT

[illegible]

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	32SD15					32SD16					32SD19				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD15(000.0)					32SD16(000.0)					32SD19-981008				
	Sample Date:	19-FEB-95					19-FEB-95					08-OCT-98				
	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	<	U	.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															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg											10000			29	29
Antimony	mg/kg	1.27	<	R	1.27	-99	1.32	<	R	1.32	-99	8.57	<	U	8.57	8.57
Arsenic	mg/kg	2.16			0.64	-99	1.97			0.66	-99	2.95			1.43	1.43
Barium	mg/kg	38.8			1.27	-99	45.1			1.32	-99	61			29	29
Beryllium	mg/kg											0.714	<	U	0.714	0.714
Boron	mg/kg															
Cadmium	mg/kg	0.64	<	U	0.64	-99	0.66	<	U	0.66	-99	0.714	<	U	0.714	0.714
Calcium	mg/kg											1100			710	710
Chromium	mg/kg	10.5			1.27	-99	8.45			1.32	-99	14			1.4	1.4
Cobalt	mg/kg											7.1	<	U	7.1	7.1

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	35ASD01					35ASD01					35ASD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD01-981109					35ASD01-981203					35ASD02-981109				
	Sample Date:	09-NOV-98					03-DEC-98					09-NOV-98				
	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
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
HMX	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
Nitrobenzene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
RDX	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
Tetryl	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg	107000			0	0						495000			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg	12000			33	33						1800			27	27
Antimony	mg/kg	9.95	<	UJ	9.95	9.95						8.02	<	UJ	8.02	8.02
Arsenic	mg/kg	7.62			1.66	1.66						1.34	<	U	1.34	1.34
Barium	mg/kg	100			33	33						27	<	U	27	27
Beryllium	mg/kg	0.829	<	U	0.829	0.829						0.668	<	U	0.668	0.668
Boron	mg/kg															
Cadmium	mg/kg	0.829	<	U	0.829	0.829						0.668	<	U	0.668	0.668
Calcium	mg/kg	1000			830	830						670	<	U	670	670
Chromium	mg/kg	18			1.6	1.6						4.3			1.3	1.3
Cobalt	mg/kg	8.3	<	U	8.3	8.3						6.7	<	U	6.7	6.7

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Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	35ASD02					46SD03					46SD03				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD02-981203					46SD03-981110					46SD03-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg						383000			0	0					
pH	STD UNIT															
METALS																
Aluminum	mg/kg						12000			50	50					
Antimony	mg/kg						14.8	<	UJ	14.8	14.8					
Arsenic	mg/kg						10.6			2.48	2.48					
Barium	mg/kg						71			50	50					
Beryllium	mg/kg						1.24	<	U	1.24	1.24					
Boron	mg/kg															
Cadmium	mg/kg						1.24	<	U	1.24	1.24					
Calcium	mg/kg						1200	<	U	1200	1200					
Chromium	mg/kg						20			2.5	2.5					
Cobalt	mg/kg						12	<	U	12	12					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	46SD04					46SD04					46SD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD04-981110					46SD04-981207					46SD07-981110				
	Sample Date:	10-NOV-98					07-DEC-98					10-NOV-98				
	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
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
HMX	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
Nitrobenzene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
RDX	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
Tetryl	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg	254000			0	0						420000			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg	9300			36	36						10000			26	26
Antimony	mg/kg	10.9	<	UJ	10.9	10.9						7.86	<	UJ	7.86	7.86
Arsenic	mg/kg	2.89			1.81	1.81						4.57			1.31	1.31
Barium	mg/kg	140			36	36						75			26	26
Beryllium	mg/kg	0.907	<	U	0.907	0.907						0.655	<	U	0.655	0.655
Boron	mg/kg															
Cadmium	mg/kg	0.907	<	U	0.907	0.907						0.655	<	U	0.655	0.655
Calcium	mg/kg	2100			910	910						1500			660	660
Chromium	mg/kg	29			1.8	1.8						15			1.3	1.3
Cobalt	mg/kg	9.1	<	U	9.1	9.1						7.2			6.6	6.6

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Summary of Validated Sediment Analytical Data
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User Test Group	Location Code:	46SD07					46SD08					46SD08					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	46SD07-981203					46SD08-981110					46SD08-981203					
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98					
	Sample Depth:	.0 - 0					.0 - 0					.0 - 0					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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															
Sulfate		mg/kg															
Total Organic Carbon		mg/kg						441000			0	0					
pH		STD UNIT															
METALS																	
Aluminum		mg/kg						6900			34	34					
Antimony		mg/kg						10.2	<	UJ	10.2	10.2					
Arsenic		mg/kg						5.01			1.69	1.69					
Barium		mg/kg						45			34	34					
Beryllium		mg/kg						0.847	<	U	0.847	0.847					
Boron		mg/kg															
Cadmium		mg/kg						0.847	<	U	0.847	0.847					
Calcium		mg/kg						850	<	U	850	850					
Chromium		mg/kg						13			1.7	1.7					
Cobalt		mg/kg						8.5	<	U	8.5	8.5					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	50SD01					50SD01					50SD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LH50SD01(0-1)					LH50SD01(0-1)QC					LH50SD02(0-1)				
	Sample Date:	29-NOV-95					29-NOV-95					29-NOV-95				
	Sample Depth:	.0 - 1					.0 - 1					.0 - 1				
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	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
4-Amino-2,6-dinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1	.1	<	U	.1	.1
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															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	5040			12.94	12.94	4960			12.89	12.89	2600			13.12	13.12
Antimony	mg/kg	7.8	<	UJ	7.8	7.8	7.7	<	UJ	7.7	7.7	7.9	<	UJ	7.9	7.9
Arsenic	mg/kg	1.2			0.6	0.6	1.3			0.6	0.6	2.9			0.6	0.6
Barium	mg/kg	88			1.29	1.29	86.5			1.29	1.29	19.8			1.31	1.31
Beryllium	mg/kg	1.9			0.65	0.65	1.9			0.64	0.64	0.66	<	U	0.66	0.66
Boron	mg/kg															
Cadmium	mg/kg	0.65	<	U	0.65	0.65	0.64	<	U	0.64	0.64	0.66	<	U	0.66	0.66
Calcium	mg/kg	1750			129.37	129.37	1730			128.87	128.87	480			131.23	131.23
Chromium	mg/kg	8.2			1.29	1.29	8.5			1.29	1.29	17.6			1.31	1.31
Cobalt	mg/kg	7.7			1.29	1.29	7.9			1.29	1.29	4.1			1.31	1.31

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD03					50SD04					50SD05					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	50SD03-981112					50SD04-981111					50SD05-981111					
	Sample Date:	12-NOV-98					11-NOV-98					11-NOV-98					
	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	<	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																
Sulfate	mg/kg																
Total Organic Carbon	mg/kg	201000				0	0	345000				0	0	785000			
pH	STD UNIT																
METALS																	
Aluminum	mg/kg	5600				29	29	9200				31	31	7700			
Antimony	mg/kg	8.68	<	R	8.68	8.68	9.36	<	R	9.36	9.36	8.13	<	R	8.13	8.13	
Arsenic	mg/kg	3.51				1.45	1.45	6.99				1.56	1.56	5.63			
Barium	mg/kg	91				29	29	200				31	31	310			
Beryllium	mg/kg	0.724	<	U	0.724	0.724	0.938				0.78	0.78	1.53				
Boron	mg/kg																
Cadmium	mg/kg	0.724	<	U	0.724	0.724	0.923				0.78	0.78	0.678	<	U	0.678	0.678
Calcium	mg/kg	1500				720	720	1500				780	780	2300			
Chromium	mg/kg	10				1.4	1.4	31				1.6	1.6	59			
Cobalt	mg/kg	12				7.2	7.2	10				7.8	7.8	31			

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	50SD06					50SD06					50SD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD06-981110					C-50SD06QC-981110					50SD06-981111				
	Sample Date:	10-NOV-98					10-NOV-98					11-NOV-98				
	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					
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
Tetryl	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg	509000			0	0	271000			0	0					
pH	STD UNIT															
METALS																
Aluminum	mg/kg	7100			28	28	8800			27	27					
Antimony	mg/kg	8.3	<	UJ	8.3	8.3	8.03	<	UJ	8.03	8.03					
Arsenic	mg/kg	2.64			1.38	1.38	2.59			1.34	1.34					
Barium	mg/kg	78			28	28	79			27	27					
Beryllium	mg/kg	0.692	<	U	0.692	0.692	0.669	<	U	0.669	0.669					
Boron	mg/kg															
Cadmium	mg/kg	0.692	<	U	0.692	0.692	0.669	<	U	0.669	0.669					
Calcium	mg/kg	870			690	690	790			670	670					
Chromium	mg/kg	11			1.4	1.4	12			1.3	1.3					
Cobalt	mg/kg	6.9	<	U	6.9	6.9	6.7	<	U	6.7	6.7					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD06					50SD07					50SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	C-50SD06QC-981111					50SD07-981111					50SD08-981111				
	Sample Date:	11-NOV-98					11-NOV-98					11-NOV-98				
	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
2,6-Dinitrotoluene	mg/kg						.1	<	U	.1	.1	.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg						.05	<	U	.05	.05	.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg						.05	<	U	.05	.05	.05	<	U	.05	.05
HMX	mg/kg						.1	<	U	.1	.1	.1	<	U	.1	.1
Nitrobenzene	mg/kg						.1	<	U	.1	.1	.1	<	U	.1	.1
RDX	mg/kg						.1	<	U	.1	.1	.1	<	U	.1	.1
Tetryl	mg/kg						.1	<	U	.1	.1	.1	<	U	.1	.1
m-Nitrotoluene	mg/kg						.1	<	U	.1	.1	.1	<	U	.1	.1
o-Nitrotoluene	mg/kg						.1	<	U	.1	.1	.1	<	U	.1	.1
p-Nitrotoluene	mg/kg						.1	<	U	.1	.1	.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg						397000			0	0	511000			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg						8600			29	29	7600			32	32
Antimony	mg/kg						8.77	<	R	8.77	8.77	9.74	<	R	9.74	9.74
Arsenic	mg/kg						2.25			1.46	1.46	14.2			1.62	1.62
Barium	mg/kg						270			29	29	160			32	32
Beryllium	mg/kg						0.985			0.731	0.731	2.66			0.812	0.812
Boron	mg/kg															
Cadmium	mg/kg						0.731	<	U	0.731	0.731	0.812	<	U	0.812	0.812
Calcium	mg/kg						5500			730	730	4900			810	810
Chromium	mg/kg						18			1.5	1.5	18		J	1.6	1.6
Cobalt	mg/kg						16			7.3	7.3	22			8.1	8.1

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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60SD02

Goose Prairie Creek

60SD02QC

10-NOV-98

.0 - 0

PLOSIVES

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

Chloride	mg/kg
Nitrate	mg/kg
Sulfate	mg/kg
Total Organic Carbon	mg/kg
pH	STD UNIT

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 Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
EXPLOSIVES																	
2,4-Dinitrotoluene		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
2,6-Dinitrotoluene		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
2-Amino-4,6-dinitrotoluene		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
4-Amino-2,6-dinitrotoluene		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
HMX		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
Nitrobenzene		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
RDX		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
Tetryl		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
m-Nitrotoluene		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
o-Nitrotoluene		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
p-Nitrotoluene		mg/kg	1.56	<	U	1.56	-99						.835	<	U	.835	-99
GEN CHEMISTRY																	
Chloride		mg/kg															
Nitrate		mg/kg															
Sulfate		mg/kg															
Total Organic Carbon		mg/kg						47500			0		0				
pH		STD UNIT															
METALS																	
Aluminum		mg/kg	20900			125	-99						14000			125	-99
Antimony		mg/kg	5	<	U	5	-99						5	<	U	5	-99
Arsenic		mg/kg	6.85			5	-99						3.51			5	-99
Barium		mg/kg	342			25	-99						168			25	-99
Beryllium		mg/kg	1.09			0.5	-99						0.781			0.5	-99
Boron		mg/kg															
Cadmium		mg/kg	0.882			1	-99						0.49			1	-99
Calcium		mg/kg	2990			-99	-99						1650			-99	-99
Chromium		mg/kg	56.6			-99	-99						20.3			-99	-99
Cobalt		mg/kg	10.1			-99	-99						6.12			-99	-99

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-2					CL-GPSN-2					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-1(2)					CL-GPSN-2 (1)					CL-GPSN-2(1)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
EXPLOSIVES																	
2,4-Dinitrotoluene		mg/kg						1.85	<	U	1.85	-99					
2,6-Dinitrotoluene		mg/kg						1.85	<	U	1.85	-99					
2-Amino-4,6-dinitrotoluene		mg/kg						1.85	<	U	1.85	-99					
4-Amino-2,6-dinitrotoluene		mg/kg						1.85	<	U	1.85	-99					
HMX		mg/kg						1.85	<	U	1.85	-99					
Nitrobenzene		mg/kg						1.85	<	U	1.85	-99					
RDX		mg/kg						1.85	<	U	1.85	-99					
Tetryl		mg/kg						1.85	<	U	1.85	-99					
m-Nitrotoluene		mg/kg						1.85	<	U	1.85	-99					
o-Nitrotoluene		mg/kg						1.85	<	U	1.85	-99					
p-Nitrotoluene		mg/kg						1.85	<	U	1.85	-99					
GEN CHEMISTRY																	
Chloride		mg/kg															
Nitrate		mg/kg															
Sulfate		mg/kg															
Total Organic Carbon		mg/kg	73400			0	0						51700			0	0
pH		STD UNIT															
METALS																	
Aluminum		mg/kg						30400			125	-99					
Antimony		mg/kg						5	<	U	5	-99					
Arsenic		mg/kg						6.88			5	-99					
Barium		mg/kg						285			25	-99					
Beryllium		mg/kg						0.994			0.5	-99					
Boron		mg/kg															
Cadmium		mg/kg						0.76			1	-99					
Calcium		mg/kg						2910			-99	-99					
Chromium		mg/kg						59.1			-99	-99					
Cobalt		mg/kg						9.85			-99	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-2					CL-GPSN-2					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-2 (2)					CL-GPSN-2(2)					CL-GPSN-3 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.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	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
2,6-Dinitrotoluene	mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
2-Amino-4,6-dinitrotoluene	mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
4-Amino-2,6-dinitrotoluene	mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
HMX	mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
Nitrobenzene	mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
RDX	mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
Tetryl	mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
m-Nitrotoluene	mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
o-Nitrotoluene	mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
p-Nitrotoluene	mg/kg	1.22	<	U	1.22	-99						1.67	<	U	1.67	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg						19800			0	0					
pH	STD UNIT															
METALS																
Aluminum	mg/kg	16900			125	-99						23300			125	-99
Antimony	mg/kg	5	<	U	5	-99						5	<	U	5	-99
Arsenic	mg/kg	4.45			5	-99						6.8			5	-99
Barium	mg/kg	226			25	-99						342			25	-99
Beryllium	mg/kg	0.882			0.5	-99						1			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg	0.739			1	-99						0.712			1	-99
Calcium	mg/kg	1940			-99	-99						2600			-99	-99
Chromium	mg/kg	38.7			-99	-99						46.3			-99	-99
Cobalt	mg/kg	7.32			-99	-99						11.3			-99	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(1)					CL-GPSN-3 (2)					CL-GPSN-3 (2) QC				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
2,6-Dinitrotoluene	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
2-Amino-4,6-dinitrotoluene	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
4-Amino-2,6-dinitrotoluene	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
HMX	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
Nitrobenzene	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
RDX	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
Tetryl	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
m-Nitrotoluene	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
o-Nitrotoluene	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
p-Nitrotoluene	mg/kg						1.28	<	U	1.28	-99	1.18	<	U	1.18	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg	100000			0	0										
pH	STD UNIT															
METALS																
Aluminum	mg/kg						21000			125	-99	16300			125	-99
Antimony	mg/kg						5	<	U	5	-99	5	<	U	5	-99
Arsenic	mg/kg						6.88			5	-99	6.26			5	-99
Barium	mg/kg						232			25	-99	199			25	-99
Beryllium	mg/kg						1			0.5	-99	0.792			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg						0.948			1	-99	0.879			1	-99
Calcium	mg/kg						2340			-99	-99	2230			-99	-99
Chromium	mg/kg						30.9			-99	-99	25.4			-99	-99
Cobalt	mg/kg						11.6			-99	-99	9.56			-99	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-3(2)					CL-GPSN-3(2) QC					CL-GPSN-4 (1)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
EXPLOSIVES																	
2,4-Dinitrotoluene		mg/kg											2.78	<	U	2.78	-99
2,6-Dinitrotoluene		mg/kg											2.78	<	U	2.78	-99
2-Amino-4,6-dinitrotoluene		mg/kg											2.78	<	U	2.78	-99
4-Amino-2,6-dinitrotoluene		mg/kg											2.78	<	U	2.78	-99
HMX		mg/kg											2.78	<	U	2.78	-99
Nitrobenzene		mg/kg											2.78	<	U	2.78	-99
RDX		mg/kg											2.78	<	U	2.78	-99
Tetryl		mg/kg											2.78	<	U	2.78	-99
m-Nitrotoluene		mg/kg											2.78	<	U	2.78	-99
o-Nitrotoluene		mg/kg											2.78	<	U	2.78	-99
p-Nitrotoluene		mg/kg											2.78	<	U	2.78	-99
GEN CHEMISTRY																	
Chloride		mg/kg															
Nitrate		mg/kg															
Sulfate		mg/kg															
Total Organic Carbon		mg/kg	89000			0	0	17600			0	0					
pH		STD UNIT															
METALS																	
Aluminum		mg/kg											26200			125	-99
Antimony		mg/kg											5	<	U	5	-99
Arsenic		mg/kg											9.15			5	-99
Barium		mg/kg											451			25	-99
Beryllium		mg/kg											1.45			0.5	-99
Boron		mg/kg															
Cadmium		mg/kg											0.989			1	-99
Calcium		mg/kg											3400			-99	-99
Chromium		mg/kg											44.8			-99	-99
Cobalt		mg/kg											17.9			-99	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-4					CL-GPSN-4					CL-GPSN-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-4(1)					CL-GPSN-4 (2)					CL-GPSN-4(2)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
EXPLOSIVES																	
2,4-Dinitrotoluene		mg/kg						.78	<	U	.78	-99					
2,6-Dinitrotoluene		mg/kg						.78	<	U	.78	-99					
2-Amino-4,6-dinitrotoluene		mg/kg						.78	<	U	.78	-99					
4-Amino-2,6-dinitrotoluene		mg/kg						.78	<	U	.78	-99					
HMX		mg/kg						.78	<	U	.78	-99					
Nitrobenzene		mg/kg						.78	<	U	.78	-99					
RDX		mg/kg						.78	<	U	.78	-99					
Tetryl		mg/kg						.78	<	U	.78	-99					
m-Nitrotoluene		mg/kg						.78	<	U	.78	-99					
o-Nitrotoluene		mg/kg						.78	<	U	.78	-99					
p-Nitrotoluene		mg/kg						.78	<	U	.78	-99					
GEN CHEMISTRY																	
Chloride		mg/kg															
Nitrate		mg/kg															
Sulfate		mg/kg															
Total Organic Carbon		mg/kg	115000			0	0						33400			0	0
pH		STD UNIT															
METALS																	
Aluminum		mg/kg						8310			125	-99					
Antimony		mg/kg						5	<	U	5	-99					
Arsenic		mg/kg						2.38			5	-99					
Barium		mg/kg						151			25	-99					
Beryllium		mg/kg						0.723			0.5	-99					
Boron		mg/kg															
Cadmium		mg/kg						0.18			1	-99					
Calcium		mg/kg						982			-99	-99					
Chromium		mg/kg						12.4			-99	-99					
Cobalt		mg/kg						6.51			-99	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-1					CL-GPSS-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1 (1)					CL-GPSS-1(1)					CL-GPSS-1 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
EXPLOSIVES																
2,4-Dinitrotoluene	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
2,6-Dinitrotoluene	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
2-Amino-4,6-dinitrotoluene	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
4-Amino-2,6-dinitrotoluene	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
HMX	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
Nitrobenzene	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
RDX	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
Tetryl	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
m-Nitrotoluene	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
o-Nitrotoluene	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
p-Nitrotoluene	mg/kg	1.62	<	U	1.62	-99						.5	<	U	.5	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg						60800			0	0					
pH	STD UNIT															
METALS																
Aluminum	mg/kg	23900			125	-99						11100			125	-99
Antimony	mg/kg	5	<	U	5	-99						5	<	U	5	-99
Arsenic	mg/kg	4.43			5	-99						2.12			5	-99
Barium	mg/kg	230			25	-99						96.8			25	-99
Beryllium	mg/kg	1.14			0.5	-99						0.596			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg	0.568			1	-99						0.242			1	-99
Calcium	mg/kg	2460			-99	-99						829			-99	-99
Chromium	mg/kg	34.4			-99	-99						15.1			-99	-99
Cobalt	mg/kg	7.83			-99	-99						3.53			-99	-99

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User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1(2)					CL-GPSS-2 (1)					CL-GPSS-2 (1) QC				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
2,6-Dinitrotoluene	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
2-Amino-4,6-dinitrotoluene	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
4-Amino-2,6-dinitrotoluene	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
HMX	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
Nitrobenzene	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
RDX	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
Tetryl	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
m-Nitrotoluene	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
o-Nitrotoluene	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
p-Nitrotoluene	mg/kg						1.35	<	U	1.35	-99	1.67	<	U	1.67	-99
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg	18800			0	0										
pH	STD UNIT															
METALS																
Aluminum	mg/kg						12900			125	-99	16000			125	-99
Antimony	mg/kg						5	<	U	5	-99	5	<	U	5	-99
Arsenic	mg/kg						4			5	-99	4.53			5	-99
Barium	mg/kg						124			25	-99	171			25	-99
Beryllium	mg/kg						0.573			0.5	-99	0.772			0.5	-99
Boron	mg/kg															
Cadmium	mg/kg						0.318			1	-99	0.351			1	-99
Calcium	mg/kg						1370			-99	-99	2000			-99	-99
Chromium	mg/kg						19.8			-99	-99	26.2			-99	-99
Cobalt	mg/kg						4.71			-99	-99	6.11			-99	-99

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User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-2					CL-GPSS-2					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-2(1)					CL-GPSS-2(1)QC					CL-GPSS-2 (2)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
EXPLOSIVES																	
2,4-Dinitrotoluene		mg/kg											1	<	U	1	-99
2,6-Dinitrotoluene		mg/kg											1	<	U	1	-99
2-Amino-4,6-dinitrotoluene		mg/kg											1	<	U	1	-99
4-Amino-2,6-dinitrotoluene		mg/kg											1	<	U	1	-99
HMX		mg/kg											1	<	U	1	-99
Nitrobenzene		mg/kg											1	<	U	1	-99
RDX		mg/kg											1	<	U	1	-99
Tetryl		mg/kg											1	<	U	1	-99
m-Nitrotoluene		mg/kg											1	<	U	1	-99
o-Nitrotoluene		mg/kg											1	<	U	1	-99
p-Nitrotoluene		mg/kg											1	<	U	1	-99
GEN CHEMISTRY																	
Chloride		mg/kg															
Nitrate		mg/kg															
Sulfate		mg/kg															
Total Organic Carbon		mg/kg	104000			0	0	47500			0	0					
pH		STD UNIT															
METALS																	
Aluminum		mg/kg											13600			125	-99
Antimony		mg/kg											5	<	U	5	-99
Arsenic		mg/kg											4.06			5	-99
Barium		mg/kg											172			25	-99
Beryllium		mg/kg											0.911			0.5	-99
Boron		mg/kg															
Cadmium		mg/kg											0.392			1	-99
Calcium		mg/kg											1520			-99	-99
Chromium		mg/kg											19.8			-99	-99
Cobalt		mg/kg											9.66			-99	-99

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User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-3					CL-GPSS-3					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-2(2)					CL-GPSS-3 (1)					CL-GPSS-3(1)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
EXPLOSIVES																	
2,4-Dinitrotoluene		mg/kg						.96	<	U	.96	-99					
2,6-Dinitrotoluene		mg/kg						.96	<	U	.96	-99					
2-Amino-4,6-dinitrotoluene		mg/kg						.96	<	U	.96	-99					
4-Amino-2,6-dinitrotoluene		mg/kg						.96	<	U	.96	-99					
HMX		mg/kg						.96	<	U	.96	-99					
Nitrobenzene		mg/kg						.96	<	U	.96	-99					
RDX		mg/kg						.96	<	U	.96	-99					
Tetryl		mg/kg						.96	<	U	.96	-99					
m-Nitrotoluene		mg/kg						.96	<	U	.96	-99					
o-Nitrotoluene		mg/kg						.96	<	U	.96	-99					
p-Nitrotoluene		mg/kg						.96	<	U	.96	-99					
GEN CHEMISTRY																	
Chloride		mg/kg															
Nitrate		mg/kg															
Sulfate		mg/kg															
Total Organic Carbon		mg/kg	12300			0	0						16800			0	0
pH		STD UNIT															
METALS																	
Aluminum		mg/kg						7680			125	-99					
Antimony		mg/kg						5	<	U	5	-99					
Arsenic		mg/kg						1.84			5	-99					
Barium		mg/kg						82.1			25	-99					
Beryllium		mg/kg						0.399			0.5	-99					
Boron		mg/kg															
Cadmium		mg/kg						0.066		J	1	-99					
Calcium		mg/kg						780			-99	-99					
Chromium		mg/kg						11.1			-99	-99					
Cobalt		mg/kg						3.16			-99	-99					

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User Test Group	Location Code:	CL-GPSS-3					CL-GPSS-3					CL-GPSS-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-3 (2)					CL-GPSS-3(2)					CL-GPSS-4 (1)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
EXPLOSIVES																	
2,4-Dinitrotoluene		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
2,6-Dinitrotoluene		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
2-Amino-4,6-dinitrotoluene		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
4-Amino-2,6-dinitrotoluene		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
HMX		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
Nitrobenzene		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
RDX		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
Tetryl		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
m-Nitrotoluene		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
o-Nitrotoluene		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
p-Nitrotoluene		mg/kg	.76	<	U	.76	-99						1.04	<	U	1.04	-99
GEN CHEMISTRY																	
Chloride		mg/kg															
Nitrate		mg/kg															
Sulfate		mg/kg															
Total Organic Carbon		mg/kg						12100			0	0					
pH		STD UNIT															
METALS																	
Aluminum		mg/kg	9180			125	-99						11200			125	-99
Antimony		mg/kg	5	<	U	5	-99						5	<	U	5	-99
Arsenic		mg/kg	2.14			5	-99						2.64			5	-99
Barium		mg/kg	97.4			25	-99						104			25	-99
Beryllium		mg/kg	0.607			0.5	-99						0.605			0.5	-99
Boron		mg/kg															
Cadmium		mg/kg	0.128			1	-99						0.295			1	-99
Calcium		mg/kg	779			-99	-99						1350			-99	-99
Chromium		mg/kg	13.4			-99	-99						14.6			-99	-99
Cobalt		mg/kg	4.22			-99	-99						6.25			-99	-99

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User Test Group	Location Code:	CL-GPSS-4					CL-GPSS-4					CL-GPSS-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-4(1)					CL-GPSS-4 (2)					CL-GPSS-4(2)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
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					
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															
Sulfate		mg/kg															
Total Organic Carbon		mg/kg	7850			0	0						16900			0	0
pH		STD UNIT															
METALS																	
Aluminum		mg/kg						6440			125	-99					
Antimony		mg/kg						5	<	U	5	-99					
Arsenic		mg/kg						1.56			5	-99					
Barium		mg/kg						43.6			25	-99					
Beryllium		mg/kg						0.282			0.5	-99					
Boron		mg/kg															
Cadmium		mg/kg						0.114			1	-99					
Calcium		mg/kg						517			-99	-99					
Chromium		mg/kg						10.7			-99	-99					
Cobalt		mg/kg						2.5			-99	-99					

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User Test Group	Location Code:	FWS-225					FWS-227					GPCSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CLNWR225					CLNWR227					GPCSD01-981118				
	Sample Date:	09-SEP-03					09-SEP-03					18-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.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															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg											338000			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg	6885		nv	10.2		17790		nv	10.4		4500			38	38
Antimony	mg/kg											11.4	<	R	11.4	11.4
Arsenic	mg/kg	.997		nv	.512		3.14		nv	.519		2.21			1.9	1.9
Barium	mg/kg	174		nv	.205		219		nv	.208		88			38	38
Beryllium	mg/kg	.725		nv	.205		1.46		nv	.208		0.951	<	U	0.951	0.951
Boron	mg/kg	2.05	<	nv	2.05		2.08	<	nv	2.08						
Cadmium	mg/kg	.256	<	nv	.256		.286		nv	.26		0.951	<	U	0.951	0.951
Calcium	mg/kg											1100			950	950
Chromium	mg/kg	12.8		nv	1.02		18.7		nv	1.04		12			1.9	1.9
Cobalt	mg/kg											9.6	<	U	9.6	9.6

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User Test Group	Location Code:	GPCSD01					GPCSD02					GPCSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD01-981202					GPCSD02-981118					GPCSD02-981202				
	Sample Date:	02-DEC-98					18-NOV-98					02-DEC-98				
	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															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg						163000			0	0					
pH	STD UNIT															
METALS																
Aluminum	mg/kg						4000			31	31					
Antimony	mg/kg						9.22	<	R	9.22	9.22					
Arsenic	mg/kg						5.86			1.54	1.54					
Barium	mg/kg						95			31	31					
Beryllium	mg/kg						1.15			0.768	0.768					
Boron	mg/kg															
Cadmium	mg/kg						0.768	<	U	0.768	0.768					
Calcium	mg/kg						1200			770	770					
Chromium	mg/kg						39			1.6	1.6					
Cobalt	mg/kg						11			7.7	7.7					

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User Test Group	Location Code:	GPCSD03					GPCSD04					GPCSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD03					GPCSD04-981116					GPCSD04-981202				
	Sample Date:	17-NOV-98					16-NOV-98					02-DEC-98				
	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					
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
Tetryl	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg						218000			0	0					
pH	STD UNIT															
METALS																
Aluminum	mg/kg	4500			25	25	1800			26	26					
Antimony	mg/kg	7.51	<	R	7.51	7.51	7.83	<	R	7.83	7.83					
Arsenic	mg/kg	2.18			1.25	1.25	1.31	<	U	1.31	1.31					
Barium	mg/kg	62			25	25	39			26	26					
Beryllium	mg/kg	0.815			0.626	0.626	0.653	<	U	0.653	0.653					
Boron	mg/kg															
Cadmium	mg/kg	0.626	<	U	0.626	0.626	0.653	<	U	0.653	0.653					
Calcium	mg/kg	740			630	630	650	<	U	650	650					
Chromium	mg/kg	45			1.2	1.2	5.7			1.3	1.3					
Cobalt	mg/kg	8.3			6.2	6.2	6.6	<	U	6.6	6.6					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
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User Test Group	Location Code:	GPCSD05					GPCSD05					GPCSD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD05-981116					GPCSD05-981202					GPCSD06				
	Sample Date:	16-NOV-98					02-DEC-98					16-NOV-98				
	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
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
HMX	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
Nitrobenzene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
RDX	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
Tetryl	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg	243000			0	0						376000			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg	2200			27	27						3600			28	28
Antimony	mg/kg	8.2	<	R	8.2	8.2						8.32	<	R	8.32	8.32
Arsenic	mg/kg	1.37	<	U	1.37	1.37						5.25			1.39	1.39
Barium	mg/kg	44			27	27						46			28	28
Beryllium	mg/kg	0.683	<	U	0.683	0.683						0.876			0.693	0.693
Boron	mg/kg															
Cadmium	mg/kg	0.683	<	U	0.683	0.683						0.693	<	U	0.693	0.693
Calcium	mg/kg	680	<	U	680	680						840			690	690
Chromium	mg/kg	5.7			1.4	1.4						29			1.4	1.4
Cobalt	mg/kg	6.8	<	U	6.8	6.8						8.7			6.9	6.9

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	GPCSD06					GPCSD07					GPCSD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD06QC					GPCSD07-981116					GPCSD07-981203				
	Sample Date:	16-NOV-98					16-NOV-98					03-DEC-98				
	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					
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
Tetryl	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg	426000			0	0	126000			0	0					
pH	STD UNIT															
METALS																
Aluminum	mg/kg	3400			28	28	4100			27	27					
Antimony	mg/kg	8.39	<	R	8.39	8.39	7.99	<	R	7.99	7.99					
Arsenic	mg/kg	4.07			1.4	1.4	1.88			1.33	1.33					
Barium	mg/kg	47			28	28	82			27	27					
Beryllium	mg/kg	0.832			0.699	0.699	0.666	<	U	0.666	0.666					
Boron	mg/kg															
Cadmium	mg/kg	0.699	<	U	0.699	0.699	0.666	<	U	0.666	0.666					
Calcium	mg/kg	870			700	700	1200			670	670					
Chromium	mg/kg	25			1.4	1.4	8.7			1.3	1.3					
Cobalt	mg/kg	8.9			7	7	6.6	<	U	6.6	6.6					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	GPCSD08					GPCSD10					GPCSD10				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD08					GPCSD10-981111					GPCSD10-981203				
	Sample Date:	11-NOV-98					11-NOV-98					03-DEC-98				
	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					
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
Tetryl	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg	499000			0	0	362000			0	0					
pH	STD UNIT															
METALS																
Aluminum	mg/kg	11000			26	26	4800			27	27					
Antimony	mg/kg	7.87	<	R	7.87	7.87	8.14	<	R	8.14	8.14					
Arsenic	mg/kg	3.94			1.31	1.31	4.04			1.36	1.36					
Barium	mg/kg	240			26	26	52			27	27					
Beryllium	mg/kg	1.59			0.656	0.656	0.694			0.678	0.678					
Boron	mg/kg															
Cadmium	mg/kg	0.656	<	U	0.656	0.656	0.678	<	U	0.678	0.678					
Calcium	mg/kg	6300			660	660	1700			680	680					
Chromium	mg/kg	34			1.3	1.3	19			1.3	1.3					
Cobalt	mg/kg	18			6.6	6.6	8.7			6.8	6.8					

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GPS-12

Goose Prairie Creek

GPS-12

04-SEP-97

.0 - 0

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
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						.9	<	U	.9	-99	4.27			.9	-99
4-Amino-2,6-dinitrotoluene	mg/kg						1.1	<	U	1.1	-99	1.35			1.1	-99
HMX	mg/kg						.9	<	U	.9	-99	.9	<	U	.9	-99
Nitrobenzene	mg/kg						.6	<	U	.6	-99	.6	<	U	.6	-99
RDX	mg/kg						.5	<	U	.5	-99	.5	<	U	.5	-99
Tetryl	mg/kg						1.9	<	U	1.9	-99	1.9	<	U	1.9	-99
m-Nitrotoluene	mg/kg						.9	<	U	.9	-99	.9	<	U	.9	-99
o-Nitrotoluene	mg/kg						.9	<	U	.9	-99	.9	<	U	.9	-99
p-Nitrotoluene	mg/kg						1.1	<	U	1.1	-99	1.1	<	U	1.1	-99

Chloride	mg/kg
Nitrate	mg/kg
Sulfate	mg/kg
Total Organic Carbon	mg/kg
pH	STD UNIT

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

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Goose Prairie Creek Watershed
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GPS-4

Goose Prairie Creek

GPS-4

07-AUG-96

.0 - 0.5

MDL

MDL

mg/kg

STD UNIT

mg/kg

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-5					GPS-6					GPWSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-5					GPS-6					GPWSD01				
	Sample Date:	08-AUG-96					08-AUG-96					19-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.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															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg											219000			0	0
pH	STD UNIT															
METALS																
Aluminum	mg/kg											3800			34	34
Antimony	mg/kg											10.3	<	UJ	10.3	10.3
Arsenic	mg/kg											3.39			1.71	1.71
Barium	mg/kg											94			34	34
Beryllium	mg/kg											0.856	<	U	0.856	0.856
Boron	mg/kg															
Cadmium	mg/kg											0.856	<	U	0.856	0.856
Calcium	mg/kg											960			860	860
Chromium	mg/kg											10			1.7	1.7
Cobalt	mg/kg											8.6	<	U	8.6	8.6

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	GPWSD01					GPWSD02					GPWSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPWSD01QC					GPWSD02-981201					GPWSD02-981202				
	Sample Date:	19-NOV-98					01-DEC-98					02-DEC-98				
	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					
2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05	.05	<	U	.05	.05					
HMX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
Nitrobenzene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
RDX	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
Tetryl	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
m-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
o-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
p-Nitrotoluene	mg/kg	.1	<	U	.1	.1	.1	<	U	.1	.1					
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg	417000			0	0	403000			0	0					
pH	STD UNIT															
METALS																
Aluminum	mg/kg	4500			34	34	8100			38	38					
Antimony	mg/kg	10.3	<	UJ	10.3	10.3	11.4	<	U	11.4	11.4					
Arsenic	mg/kg	3.52			1.71	1.71	4.09			1.9	1.9					
Barium	mg/kg	100			34	34	170			38	38					
Beryllium	mg/kg	0.856	<	U	0.856	0.856	1.1			0.949	0.949					
Boron	mg/kg															
Cadmium	mg/kg	0.856	<	U	0.856	0.856	0.949	<	U	0.949	0.949					
Calcium	mg/kg	1200			860	860	3000			950	950					
Chromium	mg/kg	11			1.7	1.7	23		J	1.9	1.9					
Cobalt	mg/kg	11			8.6	8.6	11			9.5	9.5					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	GPWSD03					GPWSD03					GPWSD04						
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek						
	Sample No:	GPWSD03-981201					GPWSD03-981202					GPWSD04-981120						
	Sample Date:	01-DEC-98					02-DEC-98					20-NOV-98						
	Sample Depth:	.0 - 0					.0 - 0					.0 - 0						
		<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
EXPLOSIVES																		
		2,4-Dinitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
		2,6-Dinitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
		2-Amino-4,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
		4-Amino-2,6-dinitrotoluene	mg/kg	.05	<	U	.05	.05						.05	<	U	.05	.05
		HMX	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
		Nitrobenzene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
		RDX	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
		Tetryl	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
		m-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
		o-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
		p-Nitrotoluene	mg/kg	.1	<	U	.1	.1						.1	<	U	.1	.1
GEN CHEMISTRY																		
		Chloride	mg/kg															
		Nitrate	mg/kg															
		Sulfate	mg/kg															
		Total Organic Carbon	mg/kg	241000			0	0						219000			0	0
		pH	STD UNIT															
METALS																		
		Aluminum	mg/kg	6600			33	33						6400			28	28
		Antimony	mg/kg	9.97	<	U	9.97	9.97						8.31	<	UJ	8.31	8.31
		Arsenic	mg/kg	3.44			1.66	1.66						3			1.39	1.39
		Barium	mg/kg	120			33	33						230			28	28
		Beryllium	mg/kg	0.831	<	U	0.831	0.831						1.15			0.693	0.693
		Boron	mg/kg															
		Cadmium	mg/kg	0.831	<	U	0.831	0.831						0.693	<	U	0.693	0.693
		Calcium	mg/kg	2800			830	830						950			690	690
		Chromium	mg/kg	71		J	1.7	1.7						12			1.4	1.4
		Cobalt	mg/kg	19			8.3	8.3						20			6.9	6.9

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Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Sample Date:	12-JAN-95					12-JAN-95					12-JAN-95				
	Sample Depth:	.0 - 0.5					.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	.23	.22	<	U	.22	.22	.21	<	U	.21	.21
2,6-Dinitrotoluene	mg/kg	.25	<	U	.25	.25	.24	<	U	.24	.24	.23	<	U	.23	.23
2-Amino-4,6-dinitrotoluene	mg/kg															
4-Amino-2,6-dinitrotoluene	mg/kg	.47	<	U	.47	.47	.47	<	U	.47	.47	.44	<	U	.44	.44
HMX	mg/kg	2.1	<	U	2.1	2.1	2	<	U	2	2	1.9	<	U	1.9	1.9
Nitrobenzene	mg/kg	.25	<	U	.25	.25	.24	<	U	.24	.24	.23	<	U	.23	.23
RDX	mg/kg	1	<	U	1	1	1	<	U	1	1	.96	<	U	.96	.96
Tetryl	mg/kg	.7	<	U	.7	.7	.69	<	U	.69	.69	.65	<	U	.65	.65
m-Nitrotoluene	mg/kg	.94	<	U	.94	.94	.93	<	U	.93	.93	.88	<	U	.88	.88
o-Nitrotoluene	mg/kg	.94	<	U	.94	.94	.93	<	U	.93	.93	.88	<	U	.88	.88
p-Nitrotoluene	mg/kg	2.8	<	U	2.8	2.8	2.8	<	U	2.8	2.8	2.7	<	U	2.7	2.7
GEN CHEMISTRY																
Chloride	mg/kg															
Nitrate	mg/kg															
Sulfate	mg/kg															
Total Organic Carbon	mg/kg															
pH	STD UNIT															
METALS																
Aluminum	mg/kg	750			19.1	19.1	840			16.2	16.2	1530			17.8	17.8
Antimony	mg/kg	9.5	<	UJ	9.5	9.5	8.1	<	UJ	8.1	8.1	8.9	<	UJ	8.9	8.9
Arsenic	mg/kg	0.52		J	0.2	0.2	0.36		J	0.19	0.19	4.3		J	0.2	0.2
Barium	mg/kg	21.5			4.8	4.8	14.7			4.1	4.1	20.1			4.4	4.4
Beryllium	mg/kg															
Boron	mg/kg															
Cadmium	mg/kg	0.95	<	U	0.95	0.95	0.81	<	U	0.81	0.81	0.89	<	U	0.89	0.89
Calcium	mg/kg	180			9.5	9.5	162			8.1	8.1	369			8.9	8.9
Chromium	mg/kg	2.8			1.9	1.9	3.2			1.6	1.6	13			1.8	1.8
Cobalt	mg/kg	1.9	<	U	1.9	1.9	1.6	<	U	1.6	1.6	4.4			1.8	1.8

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-08					
	Associated Site:	Goose Prairie Creek					
	Sample No:	LHS-GPC-08					
	Sample Date:	12-JAN-95					
	Sample Depth:	.0 - 0.5					
Parameter	Units	Result	Qual	VQ	RL	MDL	
EXPLOSIVES							
2,4-Dinitrotoluene	mg/kg	.24	<	U	.24	.24	
2,6-Dinitrotoluene	mg/kg	.26	<	U	.26	.26	
2-Amino-4,6-dinitrotoluene	mg/kg						
4-Amino-2,6-dinitrotoluene	mg/kg	.49	<	U	.49	.49	
HMX	mg/kg	2.2	<	U	2.2	2.2	
Nitrobenzene	mg/kg	.26	<	U	.26	.26	
RDX	mg/kg	1.1	<	U	1.1	1.1	
Tetryl	mg/kg	.73	<	U	.73	.73	
m-Nitrotoluene	mg/kg	.99	<	U	.99	.99	
o-Nitrotoluene	mg/kg	.99	<	U	.99	.99	
p-Nitrotoluene	mg/kg	3	<	U	3	3	
GEN CHEMISTRY							
Chloride	mg/kg						
Nitrate	mg/kg						
Sulfate	mg/kg						
Total Organic Carbon	mg/kg						
pH	STD UNIT						
METALS							
Aluminum	mg/kg	2060			22.1	22.1	
Antimony	mg/kg	11	<	UJ	11	11	
Arsenic	mg/kg	1		J	0.21	0.21	
Barium	mg/kg	35.3			5.5	5.5	
Beryllium	mg/kg						
Boron	mg/kg						
Cadmium	mg/kg	1.1	<	U	1.1	1.1	
Calcium	mg/kg	556			11	11	
Chromium	mg/kg	5.8			2.2	2.2	
Cobalt	mg/kg	3.2			2.2	2.2	

00051843

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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[illegible]

00051844

Longhorn Army Ammunition Plant, Karnack, Texas

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29SD27

Goose Prairie Creek

29SD27

08-OCT-98

.0 - 0

<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
mg/kg						4.54			3.09	3.09	17.1			3.36	3.36
mg/kg															
mg/kg						28000			12	12	39000			13	13
mg/kg	77.5			1.59	-99	10.3			0.371	0.371	17			0.403	0.403
mg/kg						620	<	U	620	620	3700			670	670
mg/kg						365			1.86	1.86	458			2.02	2.02
mg/kg	0.16	<	U	0.16	-99	0.12	<	U	0.12	0.12	0.13	<	U	0.13	0.13
mg/kg															
mg/kg	8.8			1.59	-99	4.9	<	U	4.9	4.9	24			5.4	5.4
mg/kg						770		J	620	620	670	<	UJ	670	670
mg/kg	1.59	<	UJ	1.59	-99	2.9			1.24	1.24	3.51			1.34	1.34
mg/kg	1.59	<	U	1.59	-99	1.2	<	U	1.2	1.2	1.3	<	U	1.3	1.3
mg/kg						620	<	U	620	620	670	<	U	670	670
mg/kg						18			6.2	6.2	31			6.7	6.7
mg/kg	1.59	<	U	1.59	-99	0.619	<	U	0.619	0.619	0.672	<	U	0.672	0.672
mg/kg															
mg/kg						26			6.2	6.2	77			6.7	6.7
mg/kg						23			2.5	2.5	110			2.7	2.7

Aroclor 1016	mg/kg	.045	<	U	.045	.045
Aroclor 1221	mg/kg	.09	<	U	.09	.09
Aroclor 1232	mg/kg	.045	<	U	.045	.045
Aroclor 1242	mg/kg	.045	<	U	.045	.045
Aroclor 1248	mg/kg	.045	<	U	.045	.045
Aroclor 1254	mg/kg	.045	<	U	.045	.045
Aroclor 1260	mg/kg	.045	<	U	.045	.045

Perchlorate ug/kg

00051845

Goose Prairie Creek Watershed

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29SD31

Goose Prairie Creek

29SD31

07-OCT-98

.0 - 0

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Copper	mg/kg	3.77	<	U	3.77	3.77	8.02			3.57	3.57	4.07			3.28	3.28
Cyanide, Total	mg/kg															
Iron	mg/kg	9400			15	15	12000			14	14	9500			13	13
Lead	mg/kg	9.89			0.452	0.452	13.8			0.429	0.429	7.03			0.393	0.393
Magnesium	mg/kg	750	<	U	750	750	1800			710	710	790			660	660
Manganese	mg/kg	278			2.26	2.26	444			2.14	2.14	149			1.97	1.97
Mercury	mg/kg	0.15	<	U	0.15	0.15	0.14	<	U	0.14	0.14	0.13	<	U	0.13	0.13
Molybdenum	mg/kg															
Nickel	mg/kg	6	<	U	6	6	10			5.7	5.7	6.5			5.2	5.2
Potassium	mg/kg	750	<	U	750	750	710	<	UJ	710	710	660	<	UJ	660	660
Selenium	mg/kg	1.51	<	U	1.51	1.51	1.43	<	U	1.43	1.43	1.31	<	U	1.31	1.31
Silver	mg/kg	1.6	<	U	1.6	1.6	1.4	<	U	1.4	1.4	1.3	<	U	1.3	1.3
Sodium	mg/kg	750	<	U	750	750	710	<	U	710	710	660	<	U	660	660
Strontium	mg/kg	7.6	<	U	7.6	7.6	57			7.1	7.1	6.6	<	U	6.6	6.6
Thallium	mg/kg	0.753	<	U	0.753	0.753	0.714	<	U	0.714	0.714	0.655	<	U	0.655	0.655
Tin	mg/kg															
Vanadium	mg/kg	18			7.6	7.6	17			7.1	7.1	15			6.6	6.6
Zinc	mg/kg	12			3	3	33			2.8	2.8	29			2.6	2.6

Aroclor 1016	mg/kg	.048	<	U	.048	.048
Aroclor 1221	mg/kg	.095	<	U	.095	.095
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

Perchlorate ug/kg

00051846

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD02

Goose Prairie Creek

32SD02(0.5)

30-APR-93

.0 - 0.5

[illegible]

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

Perchlorate ug/kg

00051847

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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[illegible]

00051848

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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[illegible]

00051849

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD19

Goose Prairie Creek

32SD19-981008

08-OCT-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

5.68	3.57	3.57

12000	14	14

51.3	0.429	0.429

820	710	710

181	2.14	2.14

$$0.14 < U < 0.14$$
$$5.7 < U \leq 5.7$$

710 < UJ 710 710

1.84	1.43	1.43

1.4 < U 1.4 1.4

710 < U 710 710

8.4	7.1	7.1

$$0.714 < U < 0.714$$

24 7.1 7.1

25	2.8	2.8

.048 < U .048 .048

.096 < U .096 .096

.048 < U .048 .048

.048 < U .048 .048

.048 < U .048 .048

.048 < U .048 .048

.048 < U .048 .048

ug/kg

ug/kg

00051850

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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35ASD02

Goose Prairie Creek

35ASD02-981109

09-NOV-98

.0 - 0

Units

PCBS											
Aroclor 1016	mg/kg	.055	<	U	.055	.055	.044	<	U	.044	.044
Aroclor 1221	mg/kg	.11	<	U	.11	.11	.087	<	U	.087	.087
Aroclor 1232	mg/kg	.055	<	U	.055	.055	.044	<	U	.044	.044
Aroclor 1242	mg/kg	.055	<	U	.055	.055	.044	<	U	.044	.044
Aroclor 1248	mg/kg	.055	<	U	.055	.055	.044	<	U	.044	.044
Aroclor 1254	mg/kg	.095			.055	.055	.044	<	U	.044	.044
Aroclor 1260	mg/kg	.055	<	U	.055	.055	.044	<	U	.044	.044

Perchlorate	ug/kg
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
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16	16
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91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

00051851

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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46SD03

Goose Prairie Creek

46SD03-981203

03-DEC-98

.0 - 0

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
TALS																
Copper	mg/kg						8.47			6.19	6.19					
Cyanide, Total	mg/kg						1.192	<	UJ	1.192	1.192					
Iron	mg/kg						14000			25	25					
Lead	mg/kg						15.4			0.743	0.743					
Magnesium	mg/kg						1200	<	U	1200	1200					
Manganese	mg/kg						38.8		J	3.71	3.71					
Mercury	mg/kg						0.25	<	U	0.25	0.25					
Molybdenum	mg/kg															
Nickel	mg/kg						9.9	<	U	9.9	9.9					
Potassium	mg/kg						1200	<	UJ	1200	1200					
Selenium	mg/kg						2.48	<	U	2.48	2.48					
Silver	mg/kg						2.5	<	U	2.5	2.5					
Sodium	mg/kg						1200	<	U	1200	1200					
Strontium	mg/kg						12	<	U	12	12					
Thallium	mg/kg						1.24	<	U	1.24	1.24					
Tin	mg/kg															
Vanadium	mg/kg						31			12	12					
Zinc	mg/kg						170			4.9	4.9					

Aroclor 1016	mg/kg	.042	<	U	.042	.042		.062	<	U	.062	.062
Aroclor 1221	mg/kg	.084	<	U	.084	.084		.12	<	U	.12	.12
Aroclor 1232	mg/kg	.042	<	U	.042	.042		.062	<	U	.062	.062
Aroclor 1242	mg/kg	.042	<	U	.042	.042		.062	<	U	.062	.062
Aroclor 1248	mg/kg	.042	<	U	.042	.042		.062	<	U	.062	.062
Aroclor 1254	mg/kg	.042	<	U	.042	.042		.28			.062	.062
Aroclor 1260	mg/kg	.042	<	U	.042	.042		.062	<	U	.062	.062

Perchlorate ug/kg

00051852

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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46SD07

Goose Prairie Creek

46SD07-981110

10-NOV-98

.0 - 0

Units

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Copper	mg/kg	16.1			4.54	4.54						5.9			3.28	3.28
Cyanide, Total	mg/kg	0.9081	<	UJ	0.9081	0.9081						0.655	<	UJ	0.655	0.655
Iron	mg/kg	8400			18	18						15000			13	13
Lead	mg/kg	18.1			0.544	0.544						7.51			0.393	0.393
Magnesium	mg/kg	910	<	U	910	910						1100			660	660
Manganese	mg/kg	160		J	2.72	2.72						196		J	1.97	1.97
Mercury	mg/kg	0.18	<	U	0.18	0.18						0.13	<	U	0.13	0.13
Molybdenum	mg/kg															
Nickel	mg/kg	7.2	<	U	7.2	7.2						5.2	<	U	5.2	5.2
Potassium	mg/kg	1100		J	910	910						1100		J	660	660
Selenium	mg/kg	1.81	<	U	1.81	1.81						2.94			1.31	1.31
Silver	mg/kg	1.8	<	U	1.8	1.8						1.3	<	U	1.3	1.3
Sodium	mg/kg	1400			910	910						660	<	U	660	660
Strontium	mg/kg	9.1	<	U	9.1	9.1						7			6.6	6.6
Thallium	mg/kg	0.907	<	U	0.907	0.907						0.655	<	U	0.655	0.655
Tin	mg/kg															
Vanadium	mg/kg	19			9.1	9.1						29			6.6	6.6
Zinc	mg/kg	480			3.6	3.6						78			2.6	2.6

PCBS

Aroclor 1016	mg/kg	.049	<	U	.049	.049
Aroclor 1221	mg/kg	.098	<	U	.098	.098
Aroclor 1232	mg/kg	.049	<	U	.049	.049
Aroclor 1242	mg/kg	.049	<	U	.049	.049
Aroclor 1248	mg/kg	.049	<	U	.049	.049
Aroclor 1254	mg/kg	.024			.049	.049
Aroclor 1260	mg/kg	.049	<	U	.049	.049

PERC

Perchlorate ug/kg

00051853

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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46SD08

Goose Prairie Creek

46SD08-981203

03-DEC-98

.0 - 0

 $al - VO$

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Copper	mg/kg						9.33			4.24	4.24					
Cyanide, Total	mg/kg						0.848	<	UJ	0.848	0.848					
Iron	mg/kg						11000			17	17					
Lead	mg/kg						9.84			0.508	0.508					
Magnesium	mg/kg						850	<	U	850	850					
Manganese	mg/kg						80.9		J	2.54	2.54					
Mercury	mg/kg						0.17	<	U	0.17	0.17					
Molybdenum	mg/kg															
Nickel	mg/kg						6.8	<	U	6.8	6.8					
Potassium	mg/kg						850	<	UJ	850	850					
Selenium	mg/kg						1.69	<	U	1.69	1.69					
Silver	mg/kg						1.7	<	U	1.7	1.7					
Sodium	mg/kg						850	<	U	850	850					
Strontium	mg/kg						8.5	<	U	8.5	8.5					
Thallium	mg/kg						0.847	<	U	0.847	0.847					
Tin	mg/kg															
Vanadium	mg/kg						21			8.5	8.5					
Zinc	mg/kg						220			3.4	3.4					

Aroclor 1016	mg/kg	.035	<	U	.035	.035		.054	<	U	.054	.054
Aroclor 1221	mg/kg	.07	<	U	.07	.07		.11	<	U	.11	.11
Aroclor 1232	mg/kg	.035	<	U	.035	.035		.054	<	U	.054	.054
Aroclor 1242	mg/kg	.035	<	U	.035	.035		.054	<	U	.054	.054
Aroclor 1248	mg/kg	.035	<	U	.035	.035		.054	<	U	.054	.054
Aroclor 1254	mg/kg	.035	<	U	.035	.035		.054	<	U	.054	.054
Aroclor 1260	mg/kg	.035	<	U	.035	.035		.054	<	U	.054	.054

Perchlorate ug/kg

00051854

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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50SD02

Goose Prairie Creek

LH50SD02(0-1)

29-NOV-95

.0 - 1

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Copper	mg/kg	14			2.59	2.59	14			2.58	2.58	3.8			2.62	2.62
Cyanide, Total	mg/kg															
Iron	mg/kg	15500			12.94	12.94	15400			12.89	12.89	13000			13.12	13.12
Lead	mg/kg	8.02		J	0.2	0.2	9.28		J	0.2	0.2	7.74		J	0.3	0.3
Magnesium	mg/kg	1660			129.37	129.37	1640			128.87	128.87	450			131.23	131.23
Manganese	mg/kg	131		J	1.29	1.29	130		J	1.29	1.29	72.8		J	1.31	1.31
Mercury	mg/kg	0.13	<	U	0.13	0.13	0.13	<	U	0.13	0.13	0.13	<	U	0.13	0.13
Molybdenum	mg/kg															
Nickel	mg/kg	24			1.29	1.29	25			1.29	1.29	6.4			1.31	1.31
Potassium	mg/kg	647	<	U	647	647	644	<	U	644	644	656	<	U	656	656
Selenium	mg/kg	0.6	<	U	0.6	0.6	0.6	<	U	0.6	0.6	0.6	<	U	0.6	0.6
Silver	mg/kg	1.3	<	U	1.3	1.3	1.3	<	U	1.3	1.3	1.3	<	U	1.3	1.3
Sodium	mg/kg	230			129.37	129.37	220			128.87	128.87	131	<	U	131	131
Strontium	mg/kg															
Thallium	mg/kg	0.6	<	U	0.6	0.6	0.6	<	U	0.6	0.6	1.3	<	U	1.3	1.3
Tin	mg/kg															
Vanadium	mg/kg	22			1.29	1.29	21.6			1.29	1.29	21.4			1.31	1.31
Zinc	mg/kg	40			6.47	6.47	40			6.44	6.44	32			6.56	6.56

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

Perchlorate ug/kg

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Goose Prairie Creek Watershed

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User Test Group

METALS

CBS

ERC

00051856

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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50SD06

Goose Prairie Creek

50SD06-981111

11-NOV-98

.0 - 0

Units

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Copper	mg/kg	5.66			3.46	3.46	4.83			3.35	3.35					
Cyanide, Total	mg/kg	0.6915	<	UJ	0.6915	0.6915	0.6692	<	UJ	0.6692	0.6692					
Iron	mg/kg	10000			14	14	9800			13	13					
Lead	mg/kg	10.4			0.415	0.415	9.01			0.402	0.402					
Magnesium	mg/kg	1100			690	690	1200			670	670					
Manganese	mg/kg	95		J	2.07	2.07	76.8		J	2.01	2.01					
Mercury	mg/kg	0.14	<	U	0.14	0.14	0.13	<	U	0.13	0.13					
Molybdenum	mg/kg															
Nickel	mg/kg	5.6	<	U	5.6	5.6	5.3	<	U	5.3	5.3					
Potassium	mg/kg	1100		J	690	690	1300		J	670	670					
Selenium	mg/kg	1.38	<	U	1.38	1.38	2.47			1.34	1.34					
Silver	mg/kg	1.4	<	U	1.4	1.4	1.3	<	U	1.3	1.3					
Sodium	mg/kg	690	<	U	690	690	670	<	U	670	670					
Strontium	mg/kg	6.9	<	U	6.9	6.9	6.7	<	U	6.7	6.7					
Thallium	mg/kg	0.692	<	U	0.692	0.692	0.669	<	U	0.669	0.669					
Tin	mg/kg															
Vanadium	mg/kg	19			6.9	6.9	20			6.7	6.7					
Zinc	mg/kg	30			2.8	2.8	29			2.7	2.7					

PCBS

Aroclor 1016	mg/kg	.046	<	U	.046	.046	.045	<	U	.045	.045
Aroclor 1221	mg/kg	.092	<	U	.092	.092	.089	<	U	.089	.089
Aroclor 1232	mg/kg	.046	<	U	.046	.046	.045	<	U	.045	.045
Aroclor 1242	mg/kg	.046	<	U	.046	.046	.045	<	U	.045	.045
Aroclor 1248	mg/kg	.046	<	U	.046	.046	.045	<	U	.045	.045
Aroclor 1254	mg/kg	.046	<	U	.046	.046	.045	<	U	.045	.045
Aroclor 1260	mg/kg	.046	<	U	.046	.046	.045	<	U	.045	.045

PERC

Perchlorate ug/kg

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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60SD02

Goose Prairie Creek

60SD02QC

10-NOV-98

.0 - 0

DETAILS

Copper	mg/kg
Cyanide, Total	mg/kg
Iron	mg/kg
Lead	mg/kg
Magnesium	mg/kg
Manganese	mg/kg
Mercury	mg/kg
Molybdenum	mg/kg
Nickel	mg/kg
Potassium	mg/kg
Selenium	mg/kg
Silver	mg/kg
Sodium	mg/kg
Strontium	mg/kg
Thallium	mg/kg
Tin	mg/kg
Vanadium	mg/kg
Zinc	mg/kg

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

Perchlorate ug/kg

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Copper	mg/kg	30.9			-99	-99						11.3			-99	-99
Cyanide, Total	mg/kg															
Iron	mg/kg	18200			-99	-99						15200			-99	-99
Lead	mg/kg	542			-99	-99						167			-99	-99
Magnesium	mg/kg	1610			-99	-99						1110			-99	-99
Manganese	mg/kg	286			-99	-99						155			-99	-99
Mercury	mg/kg	1.08			-99	-99						0.434			-99	-99
Molybdenum	mg/kg															
Nickel	mg/kg	22.7			-99	-99						14.3			-99	-99
Potassium	mg/kg	1290			-99	-99						931			-99	-99
Selenium	mg/kg	1.1			0.5	-99						0.5	<	U	0.5	-99
Silver	mg/kg	12			0.5	-99						0.5	<	U	0.5	-99
Sodium	mg/kg															
Strontium	mg/kg	47.7			-99	-99						26.9			-99	-99
Thallium	mg/kg	1.29			1	-99						1.07			1	-99
Tin	mg/kg															
Vanadium	mg/kg	35.7			-99	-99						22			-99	-99
Zinc	mg/kg	178			-99	-99						62.8			-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						45	<	U	45	19					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-2					CL-GPSN-2					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-1(2)					CL-GPSN-2 (1)					CL-GPSN-2(1)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
METALS																	
Copper		mg/kg						35			-99	-99					
Cyanide, Total		mg/kg															
Iron		mg/kg						19500			-99	-99					
Lead		mg/kg						165			-99	-99					
Magnesium		mg/kg						1790			-99	-99					
Manganese		mg/kg						295			-99	-99					
Mercury		mg/kg						1.02			-99	-99					
Molybdenum		mg/kg															
Nickel		mg/kg						23.8			-99	-99					
Potassium		mg/kg						2100			-99	-99					
Selenium		mg/kg						0.842			0.5	-99					
Silver		mg/kg						17.6			0.5	-99					
Sodium		mg/kg															
Strontium		mg/kg						43.2			-99	-99					
Thallium		mg/kg						1.51			1	-99					
Tin		mg/kg															
Vanadium		mg/kg						43.1			-99	-99					
Zinc		mg/kg						128			-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	47	<	U	47	20						45	<	U	45	19

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-2					CL-GPSN-2					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-2 (2)					CL-GPSN-2(2)					CL-GPSN-3 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Copper	mg/kg	18.4			-99	-99						25.6			-99	-99
Cyanide, Total	mg/kg															
Iron	mg/kg	17300			-99	-99						18500			-99	-99
Lead	mg/kg	229			-99	-99						528			-99	-99
Magnesium	mg/kg	1240			-99	-99						1430			-99	-99
Manganese	mg/kg	197			-99	-99						322			-99	-99
Mercury	mg/kg	0.978			-99	-99						0.918			-99	-99
Molybdenum	mg/kg															
Nickel	mg/kg	18.2			-99	-99						22			-99	-99
Potassium	mg/kg	1180			-99	-99						1480			-99	-99
Selenium	mg/kg	0.617			0.5	-99						1.45			0.5	-99
Silver	mg/kg	9.26			0.5	-99						12.3			0.5	-99
Sodium	mg/kg															
Strontium	mg/kg	35.4			-99	-99						41			-99	-99
Thallium	mg/kg	1.41			1	-99						1	<	U	1	-99
Tin	mg/kg															
Vanadium	mg/kg	25.7			-99	-99						36.4			-99	-99
Zinc	mg/kg	126			-99	-99						121			-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						28	<	U	28	12					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-3					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-3(1)					CL-GPSN-3 (2)					CL-GPSN-3 (2) QC					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
METALS																	
Copper	mg/kg							16.7			-99	-99	14.6			-99	-99
Cyanide, Total	mg/kg																
Iron	mg/kg							26300			-99	-99	27600			-99	-99
Lead	mg/kg							466			-99	-99	337			-99	-99
Magnesium	mg/kg							1550			-99	-99	1340			-99	-99
Manganese	mg/kg							280			-99	-99	255			-99	-99
Mercury	mg/kg							1.34			-99	-99	1.71			-99	-99
Molybdenum	mg/kg																
Nickel	mg/kg							22.2			-99	-99	19.8			-99	-99
Potassium	mg/kg							1560			-99	-99	1170			-99	-99
Selenium	mg/kg							0.651			0.5	-99	0.5	<	U	0.5	-99
Silver	mg/kg							0.196		J	0.5	-99	0.216		J	0.5	-99
Sodium	mg/kg																
Strontium	mg/kg							38.9			-99	-99	35.4			-99	-99
Thallium	mg/kg							1.96			1	-99	2.16			1	-99
Tin	mg/kg																
Vanadium	mg/kg							33.3			-99	-99	28.2			-99	-99
Zinc	mg/kg							108			-99	-99	96.9			-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							87	<	U	87	36					

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-3(2)					CL-GPSN-3(2) QC					CL-GPSN-4 (1)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
METALS																	
Copper		mg/kg											35.8			-99	-99
Cyanide, Total		mg/kg															
Iron		mg/kg											31400			-99	-99
Lead		mg/kg											198			-99	-99
Magnesium		mg/kg											1670			-99	-99
Manganese		mg/kg											611			-99	-99
Mercury		mg/kg											1.66			-99	-99
Molybdenum		mg/kg															
Nickel		mg/kg											25.3			-99	-99
Potassium		mg/kg											1790			-99	-99
Selenium		mg/kg											1.53			0.5	-99
Silver		mg/kg											13.2			0.5	-99
Sodium		mg/kg															
Strontium		mg/kg											54.2			-99	-99
Thallium		mg/kg											2.69			1	-99
Tin		mg/kg															
Vanadium		mg/kg											38.2			-99	-99
Zinc		mg/kg											201			-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	67	<	U	67	28	32	<	U	32	13					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	CL-GPSN-4					CL-GPSN-4					CL-GPSN-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-4(1)					CL-GPSN-4 (2)					CL-GPSN-4(2)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
METALS																	
Copper		mg/kg						7.29			-99	-99					
Cyanide, Total		mg/kg															
Iron		mg/kg						8400			-99	-99					
Lead		mg/kg						111			-99	-99					
Magnesium		mg/kg						556			-99	-99					
Manganese		mg/kg						160			-99	-99					
Mercury		mg/kg						0.138			-99	-99					
Molybdenum		mg/kg															
Nickel		mg/kg						7.66			-99	-99					
Potassium		mg/kg						610			-99	-99					
Selenium		mg/kg						0.277		J	0.5	-99					
Silver		mg/kg						0.738			0.5	-99					
Sodium		mg/kg															
Strontium		mg/kg						16.8			-99	-99					
Thallium		mg/kg						0.602			1	-99					
Tin		mg/kg															
Vanadium		mg/kg						14.3			-99	-99					
Zinc		mg/kg						53.6			-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	130	<	U	130	53						35	<	U	35	15

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-1					CL-GPSS-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1 (1)					CL-GPSS-1(1)					CL-GPSS-1 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Copper	mg/kg	38.7			-99	-99						8.97			-99	-99
Cyanide, Total	mg/kg															
Iron	mg/kg	16800			-99	-99						7510			-99	-99
Lead	mg/kg	145			-99	-99						29.7			-99	-99
Magnesium	mg/kg	1750			-99	-99						688			-99	-99
Manganese	mg/kg	233			-99	-99						81.9			-99	-99
Mercury	mg/kg	0.279			-99	-99						0.061			-99	-99
Molybdenum	mg/kg															
Nickel	mg/kg	20.3			-99	-99						7.67			-99	-99
Potassium	mg/kg	1790			-99	-99						805			-99	-99
Selenium	mg/kg	0.5	<	U	0.5	-99						0.291		J	0.5	-99
Silver	mg/kg	1.26			0.5	-99						0.192		J	0.5	-99
Sodium	mg/kg															
Strontium	mg/kg	43.4			-99	-99						17.3			-99	-99
Thallium	mg/kg	1.03			1	-99						0.557		J	1	-99
Tin	mg/kg															
Vanadium	mg/kg	35.5			-99	-99						16			-99	-99
Zinc	mg/kg	80			-99	-99						44.4			-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						45	<	U	45	19					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-2					CL-GPSS-2					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-1(2)					CL-GPSS-2 (1)					CL-GPSS-2 (1) QC					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
METALS																	
Copper	mg/kg							13.6			-99	-99	20			-99	-99
Cyanide, Total	mg/kg																
Iron	mg/kg							10400			-99	-99	13800			-99	-99
Lead	mg/kg							53.4			-99	-99	75.2			-99	-99
Magnesium	mg/kg							872			-99	-99	1160			-99	-99
Manganese	mg/kg							133			-99	-99	194			-99	-99
Mercury	mg/kg							0.351			-99	-99	0.678			-99	-99
Molybdenum	mg/kg																
Nickel	mg/kg							10.7			-99	-99	13.9			-99	-99
Potassium	mg/kg							929			-99	-99	1090			-99	-99
Selenium	mg/kg							0.505			0.5	-99	0.987			0.5	-99
Silver	mg/kg							3.09			0.5	-99	6.28			0.5	-99
Sodium	mg/kg																
Strontium	mg/kg							22.5			-99	-99	32.3			-99	-99
Thallium	mg/kg							0.9	J		1	-99	1	<	U	1	-99
Tin	mg/kg																
Vanadium	mg/kg							21.5			-99	-99	25.8			-99	-99
Zinc	mg/kg							63.3			-99	-99	76.8			-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	31	<	U	31	13											

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(1)					CL-GPSS-2(1)QC					CL-GPSS-2 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Copper	mg/kg											13.2			-99	-99
Cyanide, Total	mg/kg															
Iron	mg/kg											12600			-99	-99
Lead	mg/kg											108			-99	-99
Magnesium	mg/kg											1070			-99	-99
Manganese	mg/kg											163			-99	-99
Mercury	mg/kg											0.459			-99	-99
Molybdenum	mg/kg															
Nickel	mg/kg											13.6			-99	-99
Potassium	mg/kg											1000			-99	-99
Selenium	mg/kg											0.599			0.5	-99
Silver	mg/kg											0.444	J		0.5	-99
Sodium	mg/kg															
Strontium	mg/kg											27.9			-99	-99
Thallium	mg/kg											0.967		J	1	-99
Tin	mg/kg															
Vanadium	mg/kg											23.3			-99	-99
Zinc	mg/kg											73.6			-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	120	<	U	120	48	60	<	U	60	25					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-3					CL-GPSS-3					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-2(2)					CL-GPSS-3 (1)					CL-GPSS-3(1)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
METALS																	
Copper		mg/kg						7.14			-99	-99					
Cyanide, Total		mg/kg															
Iron		mg/kg						5270			-99	-99					
Lead		mg/kg						25			-99	-99					
Magnesium		mg/kg						541			-99	-99					
Manganese		mg/kg						77.3			-99	-99					
Mercury		mg/kg						0.251			-99	-99					
Molybdenum		mg/kg															
Nickel		mg/kg						6.34			-99	-99					
Potassium		mg/kg						562			-99	-99					
Selenium		mg/kg						0.323		J	0.5	-99					
Silver		mg/kg						0.944			0.5	-99					
Sodium		mg/kg															
Strontium		mg/kg						13.8			-99	-99					
Thallium		mg/kg						0.541		J	1	-99					
Tin		mg/kg															
Vanadium		mg/kg						13.2			-99	-99					
Zinc		mg/kg						31.7			-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	31	<	U	31	13						31	<	U	31	13

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-3					CL-GPSS-3					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-3 (2)					CL-GPSS-3(2)					CL-GPSS-4 (1)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
METALS																
Copper	mg/kg	6.92			-99	-99						8.19			-99	-99
Cyanide, Total	mg/kg															
Iron	mg/kg	7070			-99	-99						9560			-99	-99
Lead	mg/kg	24.6			-99	-99						19.6			-99	-99
Magnesium	mg/kg	583			-99	-99						700			-99	-99
Manganese	mg/kg	77.5			-99	-99						154			-99	-99
Mercury	mg/kg	0.056			-99	-99						0.132			-99	-99
Molybdenum	mg/kg															
Nickel	mg/kg	6.79			-99	-99						9.14			-99	-99
Potassium	mg/kg	631			-99	-99						774			-99	-99
Selenium	mg/kg	0.493		J	0.5	-99						0.78			0.5	-99
Silver	mg/kg	0.057		J	0.5	-99						1.34			0.5	-99
Sodium	mg/kg															
Strontium	mg/kg	16.3			-99	-99						18			-99	-99
Thallium	mg/kg	1	<	U	1	-99						1	<	U	1	-99
Tin	mg/kg															
Vanadium	mg/kg	16.7			-99	-99						17.6			-99	-99
Zinc	mg/kg	35.1			-99	-99						71.7			-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						28	<	U	28	12					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-4					CL-GPSS-4					CL-GPSS-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-4(1)					CL-GPSS-4 (2)					CL-GPSS-4(2)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
METALS																	
Copper		mg/kg						2.9			-99	-99					
Cyanide, Total		mg/kg															
Iron		mg/kg						5590			-99	-99					
Lead		mg/kg						9.57			-99	-99					
Magnesium		mg/kg						359			-99	-99					
Manganese		mg/kg						53.5			-99	-99					
Mercury		mg/kg						0.028			-99	-99					
Molybdenum		mg/kg															
Nickel		mg/kg						3.63			-99	-99					
Potassium		mg/kg						360			-99	-99					
Selenium		mg/kg						0.417		J	0.5	-99					
Silver		mg/kg						0.609			0.5	-99					
Sodium		mg/kg															
Strontium		mg/kg						9.55			-99	-99					
Thallium		mg/kg						0.572		J	1	-99					
Tin		mg/kg															
Vanadium		mg/kg						16.6			-99	-99					
Zinc		mg/kg						19.1			-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	68	<	U	68	28						32	<	U	32	13

00051871

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[illegible]

00051872

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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[illegible]

00051873

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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<i>Location Code:</i>	GPCSD03	GPCSD04	GPCSD04
<i>Associated Site:</i>	Goose Prairie Creek	Goose Prairie Creek	Goose Prairie Creek
<i>Sample No:</i>	GPCSD03	GPCSD04-981116	GPCSD04-981202
<i>Sample Date:</i>	17-NOV-98	16-NOV-98	02-DEC-98
<i>Sample Depth:</i>	.0 - 0	.0 - 0	.0 - 0

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Copper	mg/kg	5.34			3.13	3.13	4.31			3.26	3.26					
Cyanide, Total	mg/kg	0.6255	<	U	0.6255	0.6255	0.6528	<	U	0.6528	0.6528					
Iron	mg/kg	19000			13	13	4700			13	13					
Lead	mg/kg	13.9			0.375	0.375	6.1			0.392	0.392					
Magnesium	mg/kg	630	<	U	630	630	650	<	U	650	650					
Manganese	mg/kg	183		J	1.88	1.88	72.1		J	1.96	1.96					
Mercury	mg/kg	0.13			0.13	0.13	0.13	<	U	0.13	0.13					
Molybdenum	mg/kg															
Nickel	mg/kg	5	<	U	5	5	5.2	<	U	5.2	5.2					
Potassium	mg/kg	630	<	UJ	630	630	650	<	UJ	650	650					
Selenium	mg/kg	3.09			1.25	1.25	1.31	<	U	1.31	1.31					
Silver	mg/kg	1.6			1.2	1.2	1.3			1.3	1.3					
Sodium	mg/kg	630	<	U	630	630	650	<	U	650	650					
Strontium	mg/kg	6.2	<	U	6.2	6.2	6.6	<	U	6.6	6.6					
Thallium	mg/kg	0.626	<	U	0.626	0.626	0.653	<	U	0.653	0.653					
Tin	mg/kg															
Vanadium	mg/kg	34			6.2	6.2	8.1			6.6	6.6					
Zinc	mg/kg	50			2.6	2.6	19			2.6	2.6					

Aroclor 1016	mg/kg	.042	<	U	.042	.042			.038	<	U	.038	.038
Aroclor 1221	mg/kg	.083	<	U	.083	.083			.076	<	U	.076	.076
Aroclor 1232	mg/kg	.042	<	U	.042	.042			.038	<	U	.038	.038
Aroclor 1242	mg/kg	.042	<	U	.042	.042			.038	<	U	.038	.038
Aroclor 1248	mg/kg	.042	<	U	.042	.042			.038	<	U	.038	.038
Aroclor 1254	mg/kg	.042	<	U	.042	.042			.039			.038	.038
Aroclor 1260	mg/kg	.042	<	U	.042	.042			.038	<	U	.038	.038

Perchlorate ug/kg

00051874

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD06

Goose Prairie Creek

GPCSD06

16-NOV-98

.0 - 0

Sample Depth:

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Copper	mg/kg	3.42	<	U	3.42	3.42						5.82			3.47	3.47
Cyanide, Total	mg/kg	0.6826	<	U	0.6826	0.6826						0.6931	<	U	0.6931	0.6931
Iron	mg/kg	4700			14	14						26000			14	14
Lead	mg/kg	6.19			0.41	0.41						17.2			0.416	0.416
Magnesium	mg/kg	680	<	U	680	680						690	<	U	690	690
Manganese	mg/kg	109		J	2.05	2.05						200		J	2.08	2.08
Mercury	mg/kg	0.14	<	U	0.14	0.14						0.14	<	U	0.14	0.14
Molybdenum	mg/kg															
Nickel	mg/kg	5.5	<	U	5.5	5.5						6			5.6	5.6
Potassium	mg/kg	680	<	UJ	680	680						690	<	UJ	690	690
Selenium	mg/kg	1.37	<	U	1.37	1.37						4.97			1.39	1.39
Silver	mg/kg	1.4	<	U	1.4	1.4						1.4	<	U	1.4	1.4
Sodium	mg/kg	680	<	U	680	680						690	<	U	690	690
Strontium	mg/kg	6.8	<	U	6.8	6.8						6.9	<	U	6.9	6.9
Thallium	mg/kg	0.683	<	U	0.683	0.683						0.693	<	U	0.693	0.693
Tin	mg/kg															
Vanadium	mg/kg	9.9			6.8	6.8						42			6.9	6.9
Zinc	mg/kg	22			2.7	2.7						42			2.8	2.8

PCBS

Aroclor 1016	mg/kg	.045	<	U	.045	.045	.046	<	U	.046	.046
Aroclor 1221	mg/kg	.091	<	U	.091	.091	.092	<	U	.092	.092
Aroclor 1232	mg/kg	.045	<	U	.045	.045	.046	<	U	.046	.046
Aroclor 1242	mg/kg	.045	<	U	.045	.045	.046	<	U	.046	.046
Aroclor 1248	mg/kg	.045	<	U	.045	.045	.046	<	U	.046	.046
Aroclor 1254	mg/kg	.045	<	U	.045	.045	.046	<	U	.046	.046
Aroclor 1260	mg/kg	.045	<	U	.045	.045	.046	<	U	.046	.046

PERC

Perchlorate ug/kg

00051875

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD07

Goose Prairie Creek

GPCSD07-981203

03-DEC-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Aroclor 1016	mg/kg	.47	<	U	.47	.47	.046	<	U	.046	.046
Aroclor 1221	mg/kg	.93	<	U	.93	.93	.092	<	U	.092	.092
Aroclor 1232	mg/kg	.47	<	U	.47	.47	.046	<	U	.046	.046
Aroclor 1242	mg/kg	.47	<	U	.47	.47	.046	<	U	.046	.046
Aroclor 1248	mg/kg	.47	<	U	.47	.47	.046	<	U	.046	.046
Aroclor 1254	mg/kg	.47	<	U	.47	.47	.046	<	U	.046	.046
Aroclor 1260	mg/kg	.47	<	U	.47	.47	.046	<	U	.046	.046

Perchlorate ug/kg

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD10

Goose Prairie Creek

GPCSD10-981203

03-DEC-98

.0 - 0

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
METALS																
Copper	mg/kg	17.8			3.28	3.28	7.63			3.39	3.39					
Cyanide, Total	mg/kg	0.6561	<	U	0.6561	0.6561	0.6786	<	U	0.6786	0.6786					
Iron	mg/kg	37000			13	13	18000			14	14					
Lead	mg/kg	20.7			0.394	0.394	14.4			0.407	0.407					
Magnesium	mg/kg	6400			660	660	1600			680	680					
Manganese	mg/kg	694			1.97	1.97	205			2.04	2.04					
Mercury	mg/kg	0.13	<	U	0.13	0.13	0.14	<	U	0.14	0.14					
Molybdenum	mg/kg															
Nickel	mg/kg	49			5.2	5.2	15			5.4	5.4					
Potassium	mg/kg	1400			660	660	840			680	680					
Selenium	mg/kg	2.62			1.31	1.31	1.36	<	U	1.36	1.36					
Silver	mg/kg	1.3	<	U	1.3	1.3	1.3	<	U	1.3	1.3					
Sodium	mg/kg	660	<	U	660	660	680	<	U	680	680					
Strontium	mg/kg	73			6.6	6.6	22			6.8	6.8					
Thallium	mg/kg	0.656	<	U	0.656	0.656	0.678	<	U	0.678	0.678					
Tin	mg/kg															
Vanadium	mg/kg	35			6.6	6.6	27			6.8	6.8					
Zinc	mg/kg	93			2.6	2.6	39			2.7	2.7					

Aroclor 1016	mg/kg	.044	<	U	.044	.044			.042	<	U	.042	.042
Aroclor 1221	mg/kg	.087	<	U	.087	.087			.084	<	U	.084	.084
Aroclor 1232	mg/kg	.044	<	U	.044	.044			.042	<	U	.042	.042
Aroclor 1242	mg/kg	.044	<	U	.044	.044			.042	<	U	.042	.042
Aroclor 1248	mg/kg	.044	<	U	.044	.044			.042	<	U	.042	.042
Aroclor 1254	mg/kg	.044	<	U	.044	.044			.042	<	U	.042	.042
Aroclor 1260	mg/kg	.044	<	U	.044	.044			.042	<	U	.042	.042

Perchlorate ug/kg

00051877

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-12

Goose Prairie Creek

GPS-12

04-SEP-97

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

SS	
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

Perchlorate ug/kg

00051878

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-4

Goose Prairie Creek

GPS-4

07-AUG-96

.0 - 0.5

Sample Depth:

MDL

mg/kg

mg/kg

ug/kg

00051879

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPWSD01

Goose Prairie Creek

GPWSD01

19-NOV-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Copper	mg/kg	9.91			4.28	4.28
Cyanide, Total	mg/kg	0.8554	<	U	0.8554	0.8554
Iron	mg/kg	6500			17	17
Lead	mg/kg	16.7			0.514	0.514
Magnesium	mg/kg	860	<	U	860	860
Manganese	mg/kg	104			2.57	2.57
Mercury	mg/kg	0.22			0.17	0.17
Molybdenum	mg/kg					
Nickel	mg/kg	6.8	<	U	6.8	6.8
Potassium	mg/kg	970		J	860	860
Selenium	mg/kg	1.71	<	U	1.71	1.71
Silver	mg/kg	3.5			1.7	1.7
Sodium	mg/kg	860	<	U	860	860
Strontium	mg/kg	8.6	<	U	8.6	8.6
Thallium	mg/kg	0.856	<	U	0.856	0.856
Tin	mg/kg					
Vanadium	mg/kg	15			8.6	8.6
Zinc	mg/kg	100			3.4	3.4

Aroclor 1016	mg/kg	.043	<	U	.043	.043
Aroclor 1221	mg/kg	.086	<	U	.086	.086
Aroclor 1232	mg/kg	.043	<	U	.043	.043
Aroclor 1242	mg/kg	.043	<	U	.043	.043
Aroclor 1248	mg/kg	.043	<	U	.043	.043
Aroclor 1254	mg/kg	.043	<	U	.043	.043
Aroclor 1260	mg/kg	.043	<	U	.043	.043

Perchlorate ug/kg

00051880

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPWSD02

Goose Prairie Creek

GPWSD02-981202

02-DEC-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Copper	mg/kg	9.17			4.28	4.28	22.3			4.74	4.74
Cyanide, Total	mg/kg	0.8556	<	U	0.8556	0.8556	0.9958	<	U	0.9958	0.9958
Iron	mg/kg	8000			17	17	13000			19	19
Lead	mg/kg	18.6			0.514	0.514	97.2			0.569	0.569
Magnesium	mg/kg	860	<	U	860	860	1300			950	950
Manganese	mg/kg	128			2.57	2.57	175			2.85	2.85
Mercury	mg/kg	0.17	<	U	0.17	0.17	0.27			0.19	0.19
Molybdenum	mg/kg										
Nickel	mg/kg	7.4			6.8	6.8	12			7.6	7.6
Potassium	mg/kg	1100		J	860	860	1200		J	950	950
Selenium	mg/kg	1.71	<	U	1.71	1.71	1.9	<	U	1.9	1.9
Silver	mg/kg	2.7			1.7	1.7	7		J	1.9	1.9
Sodium	mg/kg	860	<	U	860	860	950	<	U	950	950
Strontium	mg/kg	8.6			8.6	8.6	20			9.5	9.5
Thallium	mg/kg	0.856	<	U	0.856	0.856	0.949	<	U	0.949	0.949
Tin	mg/kg										
Vanadium	mg/kg	17			8.6	8.6	27			9.5	9.5
Zinc	mg/kg	110			3.4	3.4	140			3.8	3.8

Aroclor 1016	mg/kg	.057	<	U	.057	.057		.063	<	U	.063	.063
Aroclor 1221	mg/kg	.11	<	U	.11	.11		.13	<	U	.13	.13
Aroclor 1232	mg/kg	.057	<	U	.057	.057		.063	<	U	.063	.063
Aroclor 1242	mg/kg	.057	<	U	.057	.057		.063	<	U	.063	.063
Aroclor 1248	mg/kg	.057	<	U	.057	.057		.063	<	U	.063	.063
Aroclor 1254	mg/kg	.057	<	U	.057	.057		.063	<	U	.063	.063
Aroclor 1260	mg/kg	.057	<	U	.057	.057		.063	<	U	.063	.063

Perchlorate ug/kg

00051881

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPWSD04

Goose Prairie Creek

GPWSD04-981120

20-NOV-98

.0 - 0

<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
mg/kg	18.1			4.15	4.15						8.86			3.46	3.46
mg/kg	0.8299	<	U	0.8299	0.8299						0.6927	<	U	0.6927	0.6927
mg/kg	9200			17	17						6200			14	14
mg/kg	60		J	0.498	0.498						41.8			0.416	0.416
mg/kg	1300			830	830						690	<	U	690	690
mg/kg	583			2.49	2.49						641			2.08	2.08
mg/kg	0.55			0.17	0.17						0.14	<	U	0.14	0.14
mg/kg															
mg/kg	8.6			6.6	6.6						7.9			5.6	5.6
mg/kg	890		J	830	830						1600		J	690	690
mg/kg	1.66	<	U	1.66	1.66						1.39	<	U	1.39	1.39
mg/kg	15		J	1.7	1.7						3.7			1.4	1.4
mg/kg	830	<	U	830	830						690	<	U	690	690
mg/kg	20			8.3	8.3						11			6.9	6.9
mg/kg	0.831	<	U	0.831	0.831						0.693	<	U	0.693	0.693
mg/kg															
mg/kg	19			8.3	8.3						19			6.9	6.9
mg/kg	73			3.3	3.3						31			2.8	2.8

Aroclor 1016	mg/kg	.054	<	U	.054	.054	.046	<	U	.046	.046
Aroclor 1221	mg/kg	.11	<	U	.11	.11	.092	<	U	.092	.092
Aroclor 1232	mg/kg	.054	<	U	.054	.054	.046	<	U	.046	.046
Aroclor 1242	mg/kg	.054	<	U	.054	.054	.046	<	U	.046	.046
Aroclor 1248	mg/kg	.054	<	U	.054	.054	.046	<	U	.046	.046
Aroclor 1254	mg/kg	.054	<	U	.054	.054	.046	<	U	.046	.046
Aroclor 1260	mg/kg	.054	<	U	.054	.054	.046	<	U	.046	.046

Perchlorate ug/kg

00051882

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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[illegible]

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-08					
	Associated Site:	Goose Prairie Creek					
	Sample No:	LHS-GPC-08					
	Sample Date:	12-JAN-95					
	Sample Depth:	.0 - 0.5					
Parameter	Units	Result	Qual	VQ	RL	MDL	
METALS							
Copper	mg/kg	3.2			2.2	2.2	
Cyanide, Total	mg/kg						
Iron	mg/kg	4240			3.3	3.3	
Lead	mg/kg	7.3			1	1	
Magnesium	mg/kg	319			22.1	22.1	
Manganese	mg/kg	115			1.1	1.1	
Mercury	mg/kg	0.12	<	U	0.12	0.12	
Molybdenum	mg/kg						
Nickel	mg/kg						
Potassium	mg/kg	221	<	U	221	221	
Selenium	mg/kg	0.21	<	U	0.21	0.21	
Silver	mg/kg	1.1	<	U	1.1	1.1	
Sodium	mg/kg						
Strontium	mg/kg	11	<	U	11	11	
Thallium	mg/kg	55.2	<	U	55.2	55.2	
Tin	mg/kg						
Vanadium	mg/kg						
Zinc	mg/kg	24.4			1.1	1.1	
PCBS							
Aroclor 1016	mg/kg						
Aroclor 1221	mg/kg						
Aroclor 1232	mg/kg						
Aroclor 1242	mg/kg						
Aroclor 1248	mg/kg						
Aroclor 1254	mg/kg						
Aroclor 1260	mg/kg						
PERC							
Perchlorate	ug/kg						

00051884

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD13

Goose Prairie Creek

29SD13(0-0.5)QC

27-APR-93

.0 - 0.5

 $al \quad VO$

MDL

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,2-Dicloropropanoic Acid
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
2,4-DB
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dicamba
Dichloroprop
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde

[illegible]

00051885

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD16

Goose Prairie Creek

29SD16(0-0.5)

27-APR-93

.0 - 0.5

 $al \quad VO$

MDL

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,2-Dichloropropanoic Acid
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
2,4-DB
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dicamba
Dichloroprop
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde

[illegible]

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	29SD17					29SD22					29SD27				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD17(0.5)					29SD22					29SD27				
	Sample Date:	30-APR-93					07-OCT-98					08-OCT-98				
	Sample Depth:	.0 - 0.5					.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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg											.0046	<	U	.0046	.0046
4,4'-DDE	mg/kg											.0046	<	U	.0046	.0046
4,4'-DDT	mg/kg											.0046	<	U	.0046	.0046
Aldrin	mg/kg											.0023	<	U	.0023	.0023
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											.045	<	U	.045	.045
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg											.0046	<	U	.0046	.0046
Dinoseb	mg/kg															
Endosulfan I	mg/kg											.0023	<	U	.0023	.0023
Endosulfan II	mg/kg											.0046	<	U	.0046	.0046
Endosulfan Sulfate	mg/kg											.0046	<	U	.0046	.0046
Endrin	mg/kg											.0046	<	U	.0046	.0046
Endrin aldehyde	mg/kg											.0046	<	U	.0046	.0046

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	29SD29					29SD30					29SD31				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD29					29SD30					29SD31				
	Sample Date:	06-OCT-98					07-OCT-98					07-OCT-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
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 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						.048	<	U	.048	.048					
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg						.0048	<	U	.0048	.0048					
Dinoseb	mg/kg															
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					

00051888

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD02

Goose Prairie Creek

32SD02(0.5)

30-APR-93

.0 - 0.5

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

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mg/kg

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mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

00051889

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD08

Goose Prairie Creek

32SD08(000.0)

12-APR-95

.0 - 0

MDL

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,2-Dicloropropanoic Acid
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
2,4-DB
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dicamba
Dichloroprop
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde

[illegible]

00051890

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD14

Goose Prairie Creek

32SD14(000.0)

19-FEB-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,2-Dicloropropanoic Acid
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
2,4-DB
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dicamba
Dichloroprop
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde

[illegible]

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	32SD15					32SD16					32SD19				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD15(000.0)					32SD16(000.0)					32SD19-981008				
	Sample Date:	19-FEB-95					19-FEB-95					08-OCT-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
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 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											.048	<	U	.048	.048
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg											.0048	<	U	.0048	.0048
Dinoseb	mg/kg															
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

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	35ASD01					35ASD01					35ASD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD01-981109					35ASD01-981203					35ASD02-981109				
	Sample Date:	09-NOV-98					03-DEC-98					09-NOV-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.0056	<	U	.0056	.0056	.0044	<	U	.0044	.0044					
4,4'-DDE	mg/kg	.0056	<	U	.0056	.0056	.0044	<	U	.0044	.0044					
4,4'-DDT	mg/kg	.0056	<	U	.0056	.0056	.0044	<	U	.0044	.0044					
Aldrin	mg/kg	.0028	<	U	.0028	.0028	.0022	<	U	.0022	.0022					
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	.055	<	U	.055	.055	.044	<	U	.044	.044					
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.0056	<	U	.0056	.0056	.0044	<	U	.0044	.0044					
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.0028	<	U	.0028	.0028	.0022	<	U	.0022	.0022					
Endosulfan II	mg/kg	.0056	<	U	.0056	.0056	.0044	<	U	.0044	.0044					
Endosulfan Sulfate	mg/kg	.0056	<	U	.0056	.0056	.0044	<	U	.0044	.0044					
Endrin	mg/kg	.0056	<	U	.0056	.0056	.0044	<	U	.0044	.0044					
Endrin aldehyde	mg/kg	.0056	<	U	.0056	.0056	.0044	<	U	.0044	.0044					

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	35ASD02					46SD03					46SD03				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD02-981203					46SD03-981110					46SD03-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.0042	<	U	.0042	.0042						.0062	<	U	.0062	.0062
4,4'-DDE	mg/kg	.0042	<	U	.0042	.0042						.0062	<	U	.0062	.0062
4,4'-DDT	mg/kg	.0042	<	U	.0042	.0042						.0062	<	U	.0062	.0062
Aldrin	mg/kg	.0021	<	U	.0021	.0021						.0031	<	U	.0031	.0031
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	.042	<	U	.042	.042						.062	<	U	.062	.062
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.0042	<	U	.0042	.0042						.0062	<	U	.0062	.0062
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.0021	<	U	.0021	.0021						.0031	<	U	.0031	.0031
Endosulfan II	mg/kg	.0042	<	U	.0042	.0042						.0062	<	U	.0062	.0062
Endosulfan Sulfate	mg/kg	.0042	<	U	.0042	.0042						.0062	<	U	.0062	.0062
Endrin	mg/kg	.0042	<	U	.0042	.0042						.0062	<	U	.0062	.0062
Endrin aldehyde	mg/kg	.0042	<	U	.0042	.0042						.0062	<	U	.0062	.0062

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	46SD04					46SD04					46SD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD04-981110					46SD04-981207					46SD07-981110				
	Sample Date:	10-NOV-98					07-DEC-98					10-NOV-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg						.0049	<	U	.0049	.0049					
4,4'-DDE	mg/kg						.0049	<	U	.0049	.0049					
4,4'-DDT	mg/kg						.0049	<	U	.0049	.0049					
Aldrin	mg/kg						.0024	<	U	.0024	.0024					
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						.049	<	U	.049	.049					
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg						.0049	<	U	.0049	.0049					
Dinoseb	mg/kg															
Endosulfan I	mg/kg						.0024	<	U	.0024	.0024					
Endosulfan II	mg/kg						.0049	<	U	.0049	.0049					
Endosulfan Sulfate	mg/kg						.0049	<	U	.0049	.0049					
Endrin	mg/kg						.0049	<	U	.0049	.0049					
Endrin aldehyde	mg/kg						.0049	<	U	.0049	.0049					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	46SD07					46SD08					46SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD07-981203					46SD08-981110					46SD08-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.0035	<	U	.0035	.0035						.0054	<	U	.0054	.0054
4,4'-DDE	mg/kg	.0035	<	U	.0035	.0035						.0054	<	U	.0054	.0054
4,4'-DDT	mg/kg	.0035	<	U	.0035	.0035						.0054	<	U	.0054	.0054
Aldrin	mg/kg	.0017	<	U	.0017	.0017						.0027	<	U	.0027	.0027
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	.035	<	U	.035	.035						.054	<	U	.054	.054
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.0035	<	U	.0035	.0035						.0054	<	U	.0054	.0054
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.0017	<	U	.0017	.0017						.0027	<	U	.0027	.0027
Endosulfan II	mg/kg	.0035	<	U	.0035	.0035						.0054	<	U	.0054	.0054
Endosulfan Sulfate	mg/kg	.0035	<	U	.0035	.0035						.0054	<	U	.0054	.0054
Endrin	mg/kg	.0035	<	U	.0035	.0035						.0054	<	U	.0054	.0054
Endrin aldehyde	mg/kg	.0035	<	U	.0035	.0035						.0054	<	U	.0054	.0054

00051896

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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50SD02

Goose Prairie Creek

LH50SD02(0-1)

29-NOV-95

.0 - 1

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,2-Dicloropropanoic Acid
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
2,4-DB
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dicamba
Dichloroprop
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde

[illegible]

00051897

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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50SD05

Goose Prairie Creek

50SD05-981111

11-NOV-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,2-Dicloropropanoic Acid
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
2,4-DB
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dicamba
Dichloroprop
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde

[illegible]

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD06					50SD06					50SD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD06-981110					C-50SD06QC-981110					50SD06-981111				
	Sample Date:	10-NOV-98					10-NOV-98					11-NOV-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.0046	<	U	.0046	.0046	.0045	<	U	.0045	.0045					
4,4'-DDE	mg/kg	.0046	<	U	.0046	.0046	.0045	<	U	.0045	.0045					
4,4'-DDT	mg/kg	.0046	<	U	.0046	.0046	.0045	<	U	.0045	.0045					
Aldrin	mg/kg	.0023	<	U	.0023	.0023	.0022	<	U	.0022	.0022					
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	.046	<	U	.046	.046	.045	<	U	.045	.045					
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.0046	<	U	.0046	.0046	.0045	<	U	.0045	.0045					
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.0023	<	U	.0023	.0023	.0022	<	U	.0022	.0022					
Endosulfan II	mg/kg	.0046	<	U	.0046	.0046	.0045	<	U	.0045	.0045					
Endosulfan Sulfate	mg/kg	.0046	<	U	.0046	.0046	.0045	<	U	.0045	.0045					
Endrin	mg/kg	.0046	<	U	.0046	.0046	.0045	<	U	.0045	.0045					
Endrin aldehyde	mg/kg	.0046	<	U	.0046	.0046	.0045	<	U	.0045	.0045					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD06					50SD07					50SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	C-50SD06QC-981111					50SD07-981111					50SD08-981111				
	Sample Date:	11-NOV-98					11-NOV-98					11-NOV-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg											.0027		J	.0054	.0054
4,4'-DDE	mg/kg											.0054	<	U	.0054	.0054
4,4'-DDT	mg/kg											.003		J	.0054	.0054
Aldrin	mg/kg											.0027	<	U	.0027	.0027
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											.054	<	U	.054	.054
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg											.0054	<	U	.0054	.0054
Dinoseb	mg/kg															
Endosulfan I	mg/kg											.0027	<	U	.0027	.0027
Endosulfan II	mg/kg											.0054	<	U	.0054	.0054
Endosulfan Sulfate	mg/kg											.0054	<	U	.0054	.0054
Endrin	mg/kg											.0054	<	U	.0054	.0054
Endrin aldehyde	mg/kg											.0054	<	U	.0054	.0054

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	60SD01					60SD02					60SD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	60SD01-981110					60SD02-981110					60SD02QC				
	Sample Date:	10-NOV-98					10-NOV-98					10-NOV-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg	.16	<	UJ	.16	.16	.19	<	UJ	.19	.19	.16	<	UJ	.16	.16
2,4,5-T	mg/kg	.0066	<	UJ	.0066	.0066	.0076	<	UJ	.0076	.0076	.0066	<	UJ	.0066	.0066
2,4,5-TP (Silvex)	mg/kg	.0066	<	U	.0066	.0066	.0076	<	U	.0076	.0076	.0066	<	U	.0066	.0066
2,4-D	mg/kg	.065	<	U	.065	.065	.075	<	U	.075	.075	.066	<	U	.066	.066
2,4-DB	mg/kg	.065	<	R	.065	.065	.075	<	R	.075	.075	.066	<	R	.066	.066
4,4'-DDD	mg/kg	.0052	<	U	.0052	.0052	.006	<	U	.006	.006	.0052	<	U	.0052	.0052
4,4'-DDE	mg/kg	.0052	<	U	.0052	.0052	.006	<	U	.006	.006	.0052	<	U	.0052	.0052
4,4'-DDT	mg/kg	.0052	<	U	.0052	.0052	.006	<	U	.006	.006	.0052	<	U	.0052	.0052
Aldrin	mg/kg	.0026	<	U	.0026	.0026	.003	<	U	.003	.003	.0026	<	U	.0026	.0026
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	.052	<	U	.052	.052	.06	<	U	.06	.06	.052	<	U	.052	.052
Chlorpyrifos	mg/kg															
Dicamba	mg/kg	.0066	<	U	.0066	.0066	.0076	<	U	.0076	.0076	.0066	<	U	.0066	.0066
Dichloroprop	mg/kg	.065	<	U	.065	.065	.075	<	U	.075	.075	.066	<	U	.066	.066
Dieldrin	mg/kg	.0052	<	U	.0052	.0052	.006	<	U	.006	.006	.0052	<	U	.0052	.0052
Dinoseb	mg/kg	.033	<	U	.033	.033	.038	<	U	.038	.038	.033	<	U	.033	.033
Endosulfan I	mg/kg	.0026	<	U	.0026	.0026	.003	<	U	.003	.003	.0026	<	U	.0026	.0026
Endosulfan II	mg/kg	.0052	<	U	.0052	.0052	.006	<	U	.006	.006	.0052	<	U	.0052	.0052
Endosulfan Sulfate	mg/kg	.0052	<	U	.0052	.0052	.006	<	U	.006	.006	.0052	<	U	.0052	.0052
Endrin	mg/kg	.0052	<	U	.0052	.0052	.006	<	U	.006	.006	.0052	<	U	.0052	.0052
Endrin aldehyde	mg/kg	.0052	<	U	.0052	.0052	.006	<	U	.006	.006	.0052	<	U	.0052	.0052

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg	.156	<	U	.156	-99						.0835	<	U	.0835	-99
2,4,5-TP (Silvex)	mg/kg	.0312	<	U	.0312	-99						.0167	<	U	.0167	-99
2,4-D	mg/kg	.936	<	U	.936	-99						.501	<	U	.501	-99
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
4,4'-DDE	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
4,4'-DDT	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Aldrin	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Aroclor 1016	mg/kg	.109	<	U	.109	-99						.0585	<	U	.0585	-99
Aroclor 1221	mg/kg	.109	<	U	.109	-99						.0585	<	U	.0585	-99
Aroclor 1232	mg/kg	.109	<	U	.109	-99						.0585	<	U	.0585	-99
Aroclor 1242	mg/kg	.109	<	U	.109	-99						.0585	<	U	.0585	-99
Aroclor 1248	mg/kg	.109	<	U	.109	-99						.0585	<	U	.0585	-99
Aroclor 1254	mg/kg	.109	<	U	.109	-99						.0585	<	U	.0585	-99
Aroclor 1260	mg/kg	.109	<	U	.109	-99						.0585	<	U	.0585	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.0624	<	U	.0624	-99						.0334	<	U	.0334	-99
Chlorpyrifos	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Dinoseb	mg/kg	.468	<	U	.468	-99						.251	<	U	.251	-99
Endosulfan I	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Endosulfan II	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Endosulfan Sulfate	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Endrin	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Endrin aldehyde	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-2					CL-GPSN-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1(2)					CL-GPSN-2 (1)					CL-GPSN-2(1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg						.185	<	U	.185	-99					
2,4,5-TP (Silvex)	mg/kg						.037	<	U	.037	-99					
2,4-D	mg/kg						1.11	<	U	1.11	-99					
2,4-DB	mg/kg															
4,4'-DDD	mg/kg						.0074	<	U	.0074	-99					
4,4'-DDE	mg/kg						.0074	<	U	.0074	-99					
4,4'-DDT	mg/kg						.0074	<	U	.0074	-99					
Aldrin	mg/kg						.0074	<	U	.0074	-99					
Aroclor 1016	mg/kg						.112	<	U	.112	-99					
Aroclor 1221	mg/kg						.112	<	U	.112	-99					
Aroclor 1232	mg/kg						.112	<	U	.112	-99					
Aroclor 1242	mg/kg						.112	<	U	.112	-99					
Aroclor 1248	mg/kg						.112	<	U	.112	-99					
Aroclor 1254	mg/kg						.112	<	U	.112	-99					
Aroclor 1260	mg/kg						.112	<	U	.112	-99					
Aroclor 1268	mg/kg															
Chlordane	mg/kg						.074	<	U	.074	-99					
Chlorpyrifos	mg/kg						.0074	<	U	.0074	-99					
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg						.0074	<	U	.0074	-99					
Dinoseb	mg/kg						.555	<	U	.555	-99					
Endosulfan I	mg/kg						.0074	<	U	.0074	-99					
Endosulfan II	mg/kg						.0074	<	U	.0074	-99					
Endosulfan Sulfate	mg/kg						.0074	<	U	.0074	-99					
Endrin	mg/kg						.0074	<	U	.0074	-99					
Endrin aldehyde	mg/kg						.0074	<	U	.0074	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-2					CL-GPSN-2					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-2 (2)					CL-GPSN-2(2)					CL-GPSN-3 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg	.122	<	U	.122	-99						.167	<	U	.167	-99
2,4,5-TP (Silvex)	mg/kg	.0244	<	U	.0244	-99						.0333	<	U	.0333	-99
2,4-D	mg/kg	.732	<	U	.732	-99						.999	<	U	.999	-99
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
4,4'-DDE	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
4,4'-DDT	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Aldrin	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Aroclor 1016	mg/kg	.0854	<	U	.0854	-99						.117	<	U	.117	-99
Aroclor 1221	mg/kg	.0854	<	U	.0854	-99						.117	<	U	.117	-99
Aroclor 1232	mg/kg	.0854	<	U	.0854	-99						.117	<	U	.117	-99
Aroclor 1242	mg/kg	.0854	<	U	.0854	-99						.117	<	U	.117	-99
Aroclor 1248	mg/kg	.0854	<	U	.0854	-99						.117	<	U	.117	-99
Aroclor 1254	mg/kg	.0854	<	U	.0854	-99						.117	<	U	.117	-99
Aroclor 1260	mg/kg	.0854	<	U	.0854	-99						.117	<	U	.117	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.0488	<	U	.0488	-99						.0666	<	U	.0666	-99
Chlorpyrifos	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Dinoseb	mg/kg	.366	<	U	.366	-99						.5	<	U	.5	-99
Endosulfan I	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Endosulfan II	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Endosulfan Sulfate	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Endrin	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Endrin aldehyde	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(1)					CL-GPSN-3 (2)					CL-GPSN-3 (2) QC				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 -0.5					.5 - 1					.5 - 1				
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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg						.128	<	U	.128	-99	.118	<	U	.118	-99
2,4,5-TP (Silvex)	mg/kg						.0256	<	U	.0256	-99	.0236	<	U	.0236	-99
2,4-D	mg/kg						.768	<	U	.768	-99	.708	<	U	.708	-99
2,4-DB	mg/kg															
4,4'-DDD	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
4,4'-DDE	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
4,4'-DDT	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Aldrin	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Aroclor 1016	mg/kg						.0896	<	U	.0896	-99	.0826	<	U	.0826	-99
Aroclor 1221	mg/kg						.0896	<	U	.0896	-99	.0826	<	U	.0826	-99
Aroclor 1232	mg/kg						.0896	<	U	.0896	-99	.0826	<	U	.0826	-99
Aroclor 1242	mg/kg						.0896	<	U	.0896	-99	.0826	<	U	.0826	-99
Aroclor 1248	mg/kg						.0896	<	U	.0896	-99	.0826	<	U	.0826	-99
Aroclor 1254	mg/kg						.0896	<	U	.0896	-99	.0826	<	U	.0826	-99
Aroclor 1260	mg/kg						.0896	<	U	.0896	-99	.0826	<	U	.0826	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg						.0512	<	U	.0512	-99	.0472	<	U	.0472	-99
Chlorpyrifos	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Dinoseb	mg/kg						.384	<	U	.384	-99	.354	<	U	.354	-99
Endosulfan I	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Endosulfan II	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Endosulfan Sulfate	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Endrin	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Endrin aldehyde	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(2)					CL-GPSN-3(2) QC					CL-GPSN-4 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg											.278	<	U	.278	-99
2,4,5-TP (Silvex)	mg/kg											.0555	<	U	.0555	-99
2,4-D	mg/kg											1.67	<	U	1.67	-99
2,4-DB	mg/kg															
4,4'-DDD	mg/kg											.0111	<	U	.0111	-99
4,4'-DDE	mg/kg											.0111	<	U	.0111	-99
4,4'-DDT	mg/kg											.0111	<	U	.0111	-99
Aldrin	mg/kg											.0111	<	U	.0111	-99
Aroclor 1016	mg/kg											.194	<	U	.194	-99
Aroclor 1221	mg/kg											.194	<	U	.194	-99
Aroclor 1232	mg/kg											.194	<	U	.194	-99
Aroclor 1242	mg/kg											.194	<	U	.194	-99
Aroclor 1248	mg/kg											.194	<	U	.194	-99
Aroclor 1254	mg/kg											.194	<	U	.194	-99
Aroclor 1260	mg/kg											.194	<	U	.194	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg											.111	<	U	.111	-99
Chlorpyrifos	mg/kg											.0111	<	U	.0111	-99
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg											.0111	<	U	.0111	-99
Dinoseb	mg/kg											.833	<	U	.833	-99
Endosulfan I	mg/kg											.0111	<	U	.0111	-99
Endosulfan II	mg/kg											.0111	<	U	.0111	-99
Endosulfan Sulfate	mg/kg											.0111	<	U	.0111	-99
Endrin	mg/kg											.0111	<	U	.0111	-99
Endrin aldehyde	mg/kg											.0111	<	U	.0111	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-4					CL-GPSN-4					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-4(1)					CL-GPSN-4 (2)					CL-GPSN-4(2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg						.078	<	U	.078	-99					
2,4,5-TP (Silvex)	mg/kg						.0156	<	U	.0156	-99					
2,4-D	mg/kg						.468	<	U	.468	-99					
2,4-DB	mg/kg															
4,4'-DDD	mg/kg						.00312	<	U	.00312	-99					
4,4'-DDE	mg/kg						.00312	<	U	.00312	-99					
4,4'-DDT	mg/kg						.00312	<	U	.00312	-99					
Aldrin	mg/kg						.00312	<	U	.00312	-99					
Aroclor 1016	mg/kg						.0546	<	U	.0546	-99					
Aroclor 1221	mg/kg						.0546	<	U	.0546	-99					
Aroclor 1232	mg/kg						.0546	<	U	.0546	-99					
Aroclor 1242	mg/kg						.0546	<	U	.0546	-99					
Aroclor 1248	mg/kg						.0546	<	U	.0546	-99					
Aroclor 1254	mg/kg						.0546	<	U	.0546	-99					
Aroclor 1260	mg/kg						.0546	<	U	.0546	-99					
Aroclor 1268	mg/kg															
Chlordane	mg/kg						.0312	<	U	.0312	-99					
Chlorpyrifos	mg/kg						.00312	<	U	.00312	-99					
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg						.00312	<	U	.00312	-99					
Dinoseb	mg/kg						.234	<	U	.234	-99					
Endosulfan I	mg/kg						.00312	<	U	.00312	-99					
Endosulfan II	mg/kg						.00312	<	U	.00312	-99					
Endosulfan Sulfate	mg/kg						.00312	<	U	.00312	-99					
Endrin	mg/kg						.00312	<	U	.00312	-99					
Endrin aldehyde	mg/kg						.00312	<	U	.00312	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-1					CL-GPSS-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1 (1)					CL-GPSS-1(1)					CL-GPSS-1 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg	.162	<	U	.162	-99						.05	<	U	.05	-99
2,4,5-TP (Silvex)	mg/kg	.0323	<	U	.0323	-99						.01	<	U	.01	-99
2,4-D	mg/kg	.969	<	U	.969	-99						.3	<	U	.3	-99
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
4,4'-DDE	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
4,4'-DDT	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Aldrin	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Aroclor 1016	mg/kg	.113	<	U	.113	-99						.035	<	U	.035	-99
Aroclor 1221	mg/kg	.113	<	U	.113	-99						.035	<	U	.035	-99
Aroclor 1232	mg/kg	.113	<	U	.113	-99						.035	<	U	.035	-99
Aroclor 1242	mg/kg	.113	<	U	.113	-99						.035	<	U	.035	-99
Aroclor 1248	mg/kg	.113	<	U	.113	-99						.035	<	U	.035	-99
Aroclor 1254	mg/kg	.113	<	U	.113	-99						.035	<	U	.035	-99
Aroclor 1260	mg/kg	.113	<	U	.113	-99						.035	<	U	.035	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg	.0646	<	U	.0646	-99						.02	<	U	.02	-99
Chlorpyrifos	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Dinoseb	mg/kg	.485	<	U	.485	-99						.15	<	U	.15	-99
Endosulfan I	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Endosulfan II	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Endosulfan Sulfate	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Endrin	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Endrin aldehyde	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1(2)					CL-GPSS-2 (1)					CL-GPSS-2 (1) QC				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg						.135	<	U	.135	-99	.167	<	U	.167	-99
2,4,5-TP (Silvex)	mg/kg						.027	<	U	.027	-99	.0333	<	U	.0333	-99
2,4-D	mg/kg						.81	<	U	.81	-99	.999	<	U	.999	-99
2,4-DB	mg/kg															
4,4'-DDD	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
4,4'-DDE	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
4,4'-DDT	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Aldrin	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Aroclor 1016	mg/kg						.0945	<	U	.0945	-99	.117	<	U	.117	-99
Aroclor 1221	mg/kg						.0945	<	U	.0945	-99	.117	<	U	.117	-99
Aroclor 1232	mg/kg						.0945	<	U	.0945	-99	.117	<	U	.117	-99
Aroclor 1242	mg/kg						.0945	<	U	.0945	-99	.117	<	U	.117	-99
Aroclor 1248	mg/kg						.0945	<	U	.0945	-99	.117	<	U	.117	-99
Aroclor 1254	mg/kg						.0945	<	U	.0945	-99	.117	<	U	.117	-99
Aroclor 1260	mg/kg						.0945	<	U	.0945	-99	.117	<	U	.117	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg						.054	<	U	.054	-99	.0666	<	U	.0666	-99
Chlorpyrifos	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Dinoseb	mg/kg						.405	<	U	.405	-99	.5	<	U	.5	-99
Endosulfan I	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Endosulfan II	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Endosulfan Sulfate	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Endrin	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Endrin aldehyde	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(1)					CL-GPSS-2(1)QC					CL-GPSS-2 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg											.1	<	U	.1	-99
2,4,5-TP (Silvex)	mg/kg											.02	<	U	.02	-99
2,4-D	mg/kg											.6	<	U	.6	-99
2,4-DB	mg/kg															
4,4'-DDD	mg/kg											.004	<	U	.004	-99
4,4'-DDE	mg/kg											.004	<	U	.004	-99
4,4'-DDT	mg/kg											.004	<	U	.004	-99
Aldrin	mg/kg											.004	<	U	.004	-99
Aroclor 1016	mg/kg											.07	<	U	.07	-99
Aroclor 1221	mg/kg											.07	<	U	.07	-99
Aroclor 1232	mg/kg											.07	<	U	.07	-99
Aroclor 1242	mg/kg											.07	<	U	.07	-99
Aroclor 1248	mg/kg											.07	<	U	.07	-99
Aroclor 1254	mg/kg											.07	<	U	.07	-99
Aroclor 1260	mg/kg											.07	<	U	.07	-99
Aroclor 1268	mg/kg															
Chlordane	mg/kg											.04	<	U	.04	-99
Chlorpyrifos	mg/kg											.004	<	U	.004	-99
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg											.004	<	U	.004	-99
Dinoseb	mg/kg											.3	<	U	.3	-99
Endosulfan I	mg/kg											.004	<	U	.004	-99
Endosulfan II	mg/kg											.004	<	U	.004	-99
Endosulfan Sulfate	mg/kg											.004	<	U	.004	-99
Endrin	mg/kg											.004	<	U	.004	-99
Endrin aldehyde	mg/kg											.004	<	U	.004	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-3					CL-GPSS-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(2)					CL-GPSS-3 (1)					CL-GPSS-3(1)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
1,2,3,4-Tetrachlorobenzene	mg/kg															
1,2,4,5-Tetrachloro-benzene	mg/kg															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg						.096	<	U	.096	-99					
2,4,5-TP (Silvex)	mg/kg						.0192	<	U	.0192	-99					
2,4-D	mg/kg						.576	<	U	.576	-99					
2,4-DB	mg/kg															
4,4'-DDD	mg/kg						.00384	<	U	.00384	-99					
4,4'-DDE	mg/kg						.00384	<	U	.00384	-99					
4,4'-DDT	mg/kg						.00384	<	U	.00384	-99					
Aldrin	mg/kg						.00384	<	U	.00384	-99					
Aroclor 1016	mg/kg						.0672	<	U	.0672	-99					
Aroclor 1221	mg/kg						.0672	<	U	.0672	-99					
Aroclor 1232	mg/kg						.0672	<	U	.0672	-99					
Aroclor 1242	mg/kg						.0672	<	U	.0672	-99					
Aroclor 1248	mg/kg						.0672	<	U	.0672	-99					
Aroclor 1254	mg/kg						.0672	<	U	.0672	-99					
Aroclor 1260	mg/kg						.0672	<	U	.0672	-99					
Aroclor 1268	mg/kg															
Chlordane	mg/kg						.0384	<	U	.0384	-99					
Chlorpyrifos	mg/kg						.00384	<	U	.00384	-99					
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg						.00384	<	U	.00384	-99					
Dinoseb	mg/kg						.288	<	U	.288	-99					
Endosulfan I	mg/kg						.00384	<	U	.00384	-99					
Endosulfan II	mg/kg						.00384	<	U	.00384	-99					
Endosulfan Sulfate	mg/kg						.00384	<	U	.00384	-99					
Endrin	mg/kg						.00384	<	U	.00384	-99					
Endrin aldehyde	mg/kg						.00384	<	U	.00384	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:		CL-GPSS-3					CL-GPSS-3					CL-GPSS-4				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		CL-GPSS-3 (2)					CL-GPSS-3(2)					CL-GPSS-4 (1)				
	Sample Date:		09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:		.5 - 1					.5 - 1					.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																
2,2-Dicloropropanoic Acid	mg/kg																
2,4,5-T	mg/kg	.076	<	U	.076	-99						.104	<	U	.104	-99	
2,4,5-TP (Silvex)	mg/kg	.0152	<	U	.0152	-99						.0208	<	U	.0208	-99	
2,4-D	mg/kg	.456	<	U	.456	-99						.624	<	U	.624	-99	
2,4-DB	mg/kg																
4,4'-DDD	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
4,4'-DDE	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
4,4'-DDT	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Aldrin	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Aroclor 1016	mg/kg	.0532	<	U	.0532	-99						.0728	<	U	.0728	-99	
Aroclor 1221	mg/kg	.0532	<	U	.0532	-99						.0728	<	U	.0728	-99	
Aroclor 1232	mg/kg	.0532	<	U	.0532	-99						.0728	<	U	.0728	-99	
Aroclor 1242	mg/kg	.0532	<	U	.0532	-99						.0728	<	U	.0728	-99	
Aroclor 1248	mg/kg	.0532	<	U	.0532	-99						.0728	<	U	.0728	-99	
Aroclor 1254	mg/kg	.0532	<	U	.0532	-99						.0728	<	U	.0728	-99	
Aroclor 1260	mg/kg	.0532	<	U	.0532	-99						.0728	<	U	.0728	-99	
Aroclor 1268	mg/kg																
Chlordane	mg/kg	.0304	<	U	.0304	-99						.0416	<	U	.0416	-99	
Chlorpyrifos	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Dicamba	mg/kg																
Dichloroprop	mg/kg																
Dieldrin	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Dinoseb	mg/kg	.228	<	U	.228	-99						.312	<	U	.312	-99	
Endosulfan I	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Endosulfan II	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Endosulfan Sulfate	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Endrin	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Endrin aldehyde	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-4					CL-GPSS-4					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-4(1)					CL-GPSS-4 (2)					CL-GPSS-4(2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg						.05	<	U	.05	-99					
2,4,5-TP (Silvex)	mg/kg						.01	<	U	.01	-99					
2,4-D	mg/kg						.3	<	U	.3	-99					
2,4-DB	mg/kg															
4,4'-DDD	mg/kg						.002	<	U	.002	-99					
4,4'-DDE	mg/kg						.002	<	U	.002	-99					
4,4'-DDT	mg/kg						.002	<	U	.002	-99					
Aldrin	mg/kg						.002	<	U	.002	-99					
Aroclor 1016	mg/kg						.035	<	U	.035	-99					
Aroclor 1221	mg/kg						.035	<	U	.035	-99					
Aroclor 1232	mg/kg						.035	<	U	.035	-99					
Aroclor 1242	mg/kg						.035	<	U	.035	-99					
Aroclor 1248	mg/kg						.035	<	U	.035	-99					
Aroclor 1254	mg/kg						.035	<	U	.035	-99					
Aroclor 1260	mg/kg						.035	<	U	.035	-99					
Aroclor 1268	mg/kg															
Chlordane	mg/kg						.02	<	U	.02	-99					
Chlorpyrifos	mg/kg						.002	<	U	.002	-99					
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg						.002	<	U	.002	-99					
Dinoseb	mg/kg						.15	<	U	.15	-99					
Endosulfan I	mg/kg						.002	<	U	.002	-99					
Endosulfan II	mg/kg						.002	<	U	.002	-99					
Endosulfan Sulfate	mg/kg						.002	<	U	.002	-99					
Endrin	mg/kg						.002	<	U	.002	-99					
Endrin aldehyde	mg/kg						.002	<	U	.002	-99					

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD01

Goose Prairie Creek

GPCSD01-981118

18-NOV-98

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Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD01					GPCSD02					GPCSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD01-981202					GPCSD02-981118					GPCSD02-981202				
	Sample Date:	02-DEC-98					18-NOV-98					02-DEC-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.0056	<	U	.0056	.0056						.0038	<	U	.0038	.0038
4,4'-DDE	mg/kg	.0056	<	U	.0056	.0056						.0038	<	U	.0038	.0038
4,4'-DDT	mg/kg	.0056	<	U	.0056	.0056						.0038	<	U	.0038	.0038
Aldrin	mg/kg	.0028	<	U	.0028	.0028						.0019	<	U	.0019	.0019
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	.056	<	U	.056	.056						.038	<	U	.038	.038
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.0056	<	U	.0056	.0056						.0038	<	U	.0038	.0038
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.0028	<	U	.0028	.0028						.0019	<	U	.0019	.0019
Endosulfan II	mg/kg	.0056	<	U	.0056	.0056						.0038	<	U	.0038	.0038
Endosulfan Sulfate	mg/kg	.0056	<	U	.0056	.0056						.0038	<	U	.0038	.0038
Endrin	mg/kg	.0056	<	U	.0056	.0056						.0038	<	U	.0038	.0038
Endrin aldehyde	mg/kg	.0056	<	U	.0056	.0056						.0038	<	U	.0038	.0038

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD03					GPCSD04					GPCSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD03					GPCSD04-981116					GPCSD04-981202				
	Sample Date:	17-NOV-98					16-NOV-98					02-DEC-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.0063	<	U	.0063	.0063						.0038	<	U	.0038	.0038
4,4'-DDE	mg/kg	.0063	<	U	.0063	.0063						.0038	<	U	.0038	.0038
4,4'-DDT	mg/kg	.0063	<	U	.0063	.0063						.0038	<	U	.0038	.0038
Aldrin	mg/kg	.0032	<	U	.0032	.0032						.0019	<	U	.0019	.0019
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	.063	<	U	.063	.063						.038	<	U	.038	.038
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.0063	<	U	.0063	.0063						.0038	<	U	.0038	.0038
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.0032	<	U	.0032	.0032						.0019	<	U	.0019	.0019
Endosulfan II	mg/kg	.0063	<	U	.0063	.0063						.0038	<	U	.0038	.0038
Endosulfan Sulfate	mg/kg	.0063	<	U	.0063	.0063						.0038	<	U	.0038	.0038
Endrin	mg/kg	.0063	<	U	.0063	.0063						.0038	<	U	.0038	.0038
Endrin aldehyde	mg/kg	.0063	<	U	.0063	.0063						.0038	<	U	.0038	.0038

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD05					GPCSD05					GPCSD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD05-981116					GPCSD05-981202					GPCSD06				
	Sample Date:	16-NOV-98					02-DEC-98					16-NOV-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg						.0046	<	U	.0046	.0046	.0016		J	.0046	.0046
4,4'-DDE	mg/kg						.0046	<	U	.0046	.0046	.0046	<	U	.0046	.0046
4,4'-DDT	mg/kg						.0046	<	U	.0046	.0046	.0034		J	.0046	.0046
Aldrin	mg/kg						.0023	<	U	.0023	.0023	.0023	<	U	.0023	.0023
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						.045	<	U	.045	.045	.046	<	U	.046	.046
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg						.0046	<	U	.0046	.0046	.0026		J	.0046	.0046
Dinoseb	mg/kg															
Endosulfan I	mg/kg						.0023	<	U	.0023	.0023	.0023	<	U	.0023	.0023
Endosulfan II	mg/kg						.0046	<	U	.0046	.0046	.0046	<	U	.0046	.0046
Endosulfan Sulfate	mg/kg						.0046	<	U	.0046	.0046	.0046	<	U	.0046	.0046
Endrin	mg/kg						.0046	<	U	.0046	.0046	.0046	<	U	.0046	.0046
Endrin aldehyde	mg/kg						.0046	<	U	.0046	.0046	.0046	<	U	.0046	.0046

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD06					GPCSD07					GPCSD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD06QC					GPCSD07-981116					GPCSD07-981203				
	Sample Date:	16-NOV-98					16-NOV-98					03-DEC-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.023	<	U	.023	.023						.0046	<	U	.0046	.0046
4,4'-DDE	mg/kg	.023	<	U	.023	.023						.0046	<	U	.0046	.0046
4,4'-DDT	mg/kg	.023	<	U	.023	.023						.0034		J	.0046	.0046
Aldrin	mg/kg	.012	<	U	.012	.012						.0023	<	U	.0023	.0023
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	.23	<	U	.23	.23						.046	<	U	.046	.046
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.023	<	U	.023	.023						.0046	<	U	.0046	.0046
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.012	<	U	.012	.012						.0023	<	U	.0023	.0023
Endosulfan II	mg/kg	.023	<	U	.023	.023						.0046	<	U	.0046	.0046
Endosulfan Sulfate	mg/kg	.023	<	U	.023	.023						.0046	<	U	.0046	.0046
Endrin	mg/kg	.023	<	U	.023	.023						.0046	<	U	.0046	.0046
Endrin aldehyde	mg/kg	.023	<	U	.023	.023						.0046	<	U	.0046	.0046

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD08					GPCSD10					GPCSD10				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD08					GPCSD10-981111					GPCSD10-981203				
	Sample Date:	11-NOV-98					11-NOV-98					03-DEC-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.0044	<	U	.0044	.0044						.0042	<	U	.0042	.0042
4,4'-DDE	mg/kg	.0044	<	U	.0044	.0044						.0042	<	U	.0042	.0042
4,4'-DDT	mg/kg	.0044	<	U	.0044	.0044						.0042	<	U	.0042	.0042
Aldrin	mg/kg	.0022	<	U	.0022	.0022						.0021	<	U	.0021	.0021
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	.044	<	U	.044	.044						.042	<	U	.042	.042
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.0044	<	U	.0044	.0044						.0042	<	U	.0042	.0042
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.0022	<	U	.0022	.0022						.0021	<	U	.0021	.0021
Endosulfan II	mg/kg	.0044	<	U	.0044	.0044						.0042	<	U	.0042	.0042
Endosulfan Sulfate	mg/kg	.0044	<	U	.0044	.0044						.0042	<	U	.0042	.0042
Endrin	mg/kg	.0044	<	U	.0044	.0044						.0042	<	U	.0042	.0042
Endrin aldehyde	mg/kg	.0044	<	U	.0044	.0044						.0042	<	U	.0042	.0042

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-12

Goose Prairie Creek

GPS-12

04-SEP-97

.0 - 0

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
PESTICIDES																

PESTICIDES

1,2,3,4-Tetrachlorobenzene	mg/kg
1,2,4,5-Tetrachloro-benzene	mg/kg
2,2-Dicloropropanoic Acid	mg/kg
2,4,5-T	mg/kg
2,4,5-TP (Silvex)	mg/kg
2,4-D	mg/kg
2,4-DB	mg/kg
4,4'-DDD	mg/kg
4,4'-DDE	mg/kg
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
Dicamba	mg/kg
Dichloroprop	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

00051920

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-4

Goose Prairie Creek

GPS-4

07-AUG-96

.0 - 0.5

[illegible]

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-5					GPS-6					GPWSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-5					GPS-6					GPWSD01				
	Sample Date:	08-AUG-96					08-AUG-96					19-NOV-98				
	Sample Depth:	.0 -0.5					.0 -0.5					.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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg											.0043	<	U	.0043	.0043
4,4'-DDE	mg/kg											.0043	<	U	.0043	.0043
4,4'-DDT	mg/kg											.0043	<	U	.0043	.0043
Aldrin	mg/kg											.0021	<	U	.0021	.0021
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											.043	<	U	.043	.043
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg											.0043	<	U	.0043	.0043
Dinoseb	mg/kg															
Endosulfan I	mg/kg											.0021	<	U	.0021	.0021
Endosulfan II	mg/kg											.0043	<	U	.0043	.0043
Endosulfan Sulfate	mg/kg											.0043	<	U	.0043	.0043
Endrin	mg/kg											.0043	<	U	.0043	.0043
Endrin aldehyde	mg/kg											.0043	<	U	.0043	.0043

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPWSD01					GPWSD02					GPWSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPWSD01QC					GPWSD02-981201					GPWSD02-981202				
	Sample Date:	19-NOV-98					01-DEC-98					02-DEC-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg	.0057	<	U	.0057	.0057						.0063	<	U	.0063	.0063
4,4'-DDE	mg/kg	.0057	<	U	.0057	.0057						.0063	<	U	.0063	.0063
4,4'-DDT	mg/kg	.0057	<	U	.0057	.0057						.0063	<	U	.0063	.0063
Aldrin	mg/kg	.0028	<	U	.0028	.0028						.0031	<	U	.0031	.0031
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	.057	<	U	.057	.057						.063	<	U	.063	.063
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg	.0057	<	U	.0057	.0057						.0063	<	U	.0063	.0063
Dinoseb	mg/kg															
Endosulfan I	mg/kg	.0028	<	U	.0028	.0028						.0031	<	U	.0031	.0031
Endosulfan II	mg/kg	.0057	<	U	.0057	.0057						.0063	<	U	.0063	.0063
Endosulfan Sulfate	mg/kg	.0057	<	U	.0057	.0057						.0063	<	U	.0063	.0063
Endrin	mg/kg	.0057	<	U	.0057	.0057						.0063	<	U	.0063	.0063
Endrin aldehyde	mg/kg	.0057	<	U	.0057	.0057						.0063	<	U	.0063	.0063

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPWSD03					GPWSD03					GPWSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPWSD03-981201					GPWSD03-981202					GPWSD04-981120				
	Sample Date:	01-DEC-98					02-DEC-98					20-NOV-98				
	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															
2,2-Dicloropropanoic Acid	mg/kg															
2,4,5-T	mg/kg															
2,4,5-TP (Silvex)	mg/kg															
2,4-D	mg/kg															
2,4-DB	mg/kg															
4,4'-DDD	mg/kg						.0054	<	U	.0054	.0054	.0046	<	U	.0046	.0046
4,4'-DDE	mg/kg						.0054	<	U	.0054	.0054	.0046	<	U	.0046	.0046
4,4'-DDT	mg/kg						.0054	<	U	.0054	.0054	.0046	<	U	.0046	.0046
Aldrin	mg/kg						.0027	<	U	.0027	.0027	.0023	<	U	.0023	.0023
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						.054	<	U	.054	.054	.046	<	U	.046	.046
Chlorpyrifos	mg/kg															
Dicamba	mg/kg															
Dichloroprop	mg/kg															
Dieldrin	mg/kg						.0054	<	U	.0054	.0054	.0046	<	U	.0046	.0046
Dinoseb	mg/kg															
Endosulfan I	mg/kg						.0027	<	U	.0027	.0027	.0023	<	U	.0023	.0023
Endosulfan II	mg/kg						.0054	<	U	.0054	.0054	.0046	<	U	.0046	.0046
Endosulfan Sulfate	mg/kg						.0054	<	U	.0054	.0054	.0046	<	U	.0046	.0046
Endrin	mg/kg						.0054	<	U	.0054	.0054	.0046	<	U	.0046	.0046
Endrin aldehyde	mg/kg						.0054	<	U	.0054	.0054	.0046	<	U	.0046	.0046

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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LHS-GPC-06

Goose Prairie Creek

LHS-GPC-06

12-JAN-95

.0 - 0.5

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

1,2,3,4-Tetrachlorobenzene
1,2,4,5-Tetrachloro-benzene
2,2-Dicloropropanoic Acid
2,4,5-T
2,4,5-TP (Silvex)
2,4-D
2,4-DB
4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1268
Chlordane
Chlorpyrifos
Dicamba
Dichloroprop
Dieldrin
Dinoseb
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin aldehyde

[illegible]

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group

Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

LHS-GPC-08

Goose Prairie Creek

LHS-GPC-08

12-JAN-95

.0 - 0.5

Parameter	Units	Result	Qual	VQ	RL	MDL
PESTICIDES						
1,2,3,4-Tetrachlorobenzene	mg/kg					
1,2,4,5-Tetrachloro-benzene	mg/kg					
2,2-Dicloropropanoic Acid	mg/kg					
2,4,5-T	mg/kg					
2,4,5-TP (Silvex)	mg/kg					
2,4-D	mg/kg					
2,4-DB	mg/kg					
4,4'-DDD	mg/kg					
4,4'-DDE	mg/kg					
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					
Dicamba	mg/kg					
Dichloroprop	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					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD12					29SD13					29SD13				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD12(0-0.5)					29SD13(0-0.5)					29SD13(0-0.5)QC				
	Sample Date:	27-APR-93					27-APR-93					27-APR-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
PESTICIDES																
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg															
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	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
1,2-Dichlorobenzene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
1,2-Diphenylhydrazine	mg/kg	2.388	<	U	2.388	-99	3.019	<	U	3.019	-99	2.5	<	U	2.5	-99
1,3-Dichlorobenzene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD14					29SD15					29SD16				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD14(0.5)					29SD15(0-0.5)					29SD16(0-0.5)				
	Sample Date:	30-APR-93					27-APR-93					27-APR-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
PESTICIDES																
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCP P	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															
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	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
1,2-Dichlorobenzene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
1,2-Diphenylhydrazine	mg/kg	2.353	<	U	2.353	-99	2.105	<	U	2.105	-99	2.254	<	U	2.254	-99
1,3-Dichlorobenzene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	29SD17					29SD22					29SD27				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD17(0.5)					29SD22					29SD27				
	Sample Date:	30-APR-93					07-OCT-98					08-OCT-98				
	Sample Depth:	.0 - 0.5					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Endrin ketone	mg/kg											.0046	<	U	.0046	.0046
Heptachlor	mg/kg											.0023	<	U	.0023	.0023
Heptachlor epoxide	mg/kg											.0023	<	U	.0023	.0023
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg											.023	<	U	.023	.023
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg											.045	<	U	.045	.045
alpha-BHC	mg/kg											.0023	<	U	.0023	.0023
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg											.0023	<	U	.0023	.0023
cis-nonachlor	mg/kg															
delta-BHC	mg/kg											.0023	<	U	.0023	.0023
gamma-BHC (Lindane)	mg/kg											.0023	<	U	.0023	.0023
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	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
1,2-Dichlorobenzene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
1,2-Diphenylhydrazine	mg/kg	2.54	<	U	2.54	-99										
1,3-Dichlorobenzene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD29					29SD30					29SD31				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD29					29SD30					29SD31				
	Sample Date:	06-OCT-98					07-OCT-98					07-OCT-98				
	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																
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															
MCPA	mg/kg															
MCPP	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					
cis-nonachlor	mg/kg															
delta-BHC	mg/kg						.0024	<	U	.0024	.0024					
gamma-BHC (Lindane)	mg/kg						.0024	<	U	.0024	.0024					
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						.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					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	32SD01					32SD01					32SD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD01(0.5)					32SD01(0.5)QC					32SD02(0.5)				
	Sample Date:	30-APR-93					30-APR-93					30-APR-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
PESTICIDES																
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg															
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	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
1,2-Dichlorobenzene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
1,2-Diphenylhydrazine	mg/kg	2.025	<	U	2.025	-99	2	<	U	2	-99	2.254	<	U	2.254	-99
1,3-Dichlorobenzene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	32SD03					32SD04					32SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD03(0.5)					32SD04(0.5)					32SD08(000.0)				
	Sample Date:	30-APR-93					30-APR-93					12-APR-95				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg															
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	.471	<	U	.471	-99	.375	<	U	.375	-99					
1,2-Dichlorobenzene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99					
1,2-Diphenylhydrazine	mg/kg	2.286	<	U	2.286	-99	1.818	<	U	1.818	-99					
1,3-Dichlorobenzene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99					

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD14

Goose Prairie Creek

32SD14(000.0)

19-FEB-95

.0 - 0

 $al \quad VO$

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Endrin ketone
Heptachlor
Heptachlor epoxide
Hexachlorobenzene
MCPA
MCPP
METHOXYCHLOR
MIREX
Polychlorinated biphenyls, N.O.S.
Toxaphene
alpha-BHC
alpha-Chlordane
beta-BHC
cis-nonachlor
delta-BHC
gamma-BHC (Lindane)
gamma-CHLORDANE
o,p'-DDD
o,p'-DDE
o,p'-DDT
oxychlordane
pentachloro-anisole
trans-NONACHLOR

[illegible]

1,2,4,5-Tetrachloro-benzene
1,2,4-Trichlorobenzene
1,2-Dichlorobenzene
1,2-Diphenylhydrazine
1,3-Dichlorobenzene

mg/kg
mg/kg
mg/kg
mg/kg
mg/kg

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	32SD15					32SD16					32SD19				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD15(000.0)					32SD16(000.0)					32SD19-981008				
	Sample Date:	19-FEB-95					19-FEB-95					08-OCT-98				
	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																
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															
MCPA	mg/kg															
MCPP	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
cis-nonachlor	mg/kg															
delta-BHC	mg/kg											.0024	<	U	.0024	.0024
gamma-BHC (Lindane)	mg/kg											.0024	<	U	.0024	.0024
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											4.8	<	U	4.8	4.8
1,2-Dichlorobenzene	mg/kg											4.8	<	U	4.8	4.8
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg											4.8	<	U	4.8	4.8

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		35ASD01					35ASD01					35ASD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		35ASD01-981109					35ASD01-981203					35ASD02-981109				
	Sample Date:		09-NOV-98					03-DEC-98					09-NOV-98				
	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																	
Endrin ketone	mg/kg	.0056	<	U	.0056	.0056	.0044	<	U	.0044	.0044						
Heptachlor	mg/kg	.0028	<	U	.0028	.0028	.0022	<	U	.0022	.0022						
Heptachlor epoxide	mg/kg	.0028	<	U	.0028	.0028	.0022	<	U	.0022	.0022						
Hexachlorobenzene	mg/kg																
MCPA	mg/kg																
MCPP	mg/kg																
METHOXYCHLOR	mg/kg	.028	<	U	.028	.028	.022	<	U	.022	.022						
MIREX	mg/kg																
Polychlorinated biphenyls, N.O.S.	mg/kg																
Toxaphene	mg/kg	.055	<	U	.055	.055	.044	<	U	.044	.044						
alpha-BHC	mg/kg	.0028	<	U	.0028	.0028	.0022	<	U	.0022	.0022						
alpha-Chlordane	mg/kg																
beta-BHC	mg/kg	.0028	<	U	.0028	.0028	.0022	<	U	.0022	.0022						
cis-nonachlor	mg/kg																
delta-BHC	mg/kg	.0028	<	U	.0028	.0028	.0022	<	U	.0022	.0022						
gamma-BHC (Lindane)	mg/kg	.0028	<	U	.0028	.0028	.0022	<	U	.0022	.0022						
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	.55	<	U	.55	.55						.45	<	U	.45	.45	
1,2-Dichlorobenzene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45	
1,2-Diphenylhydrazine	mg/kg																
1,3-Dichlorobenzene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	35ASD02					46SD03					46SD03				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD02-981203					46SD03-981110					46SD03-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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																
Endrin ketone	mg/kg	.0042	<	U	.0042	.0042						.0062	<	U	.0062	.0062
Heptachlor	mg/kg	.0021	<	U	.0021	.0021						.0031	<	U	.0031	.0031
Heptachlor epoxide	mg/kg	.0021	<	U	.0021	.0021						.0031	<	U	.0031	.0031
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg	.021	<	U	.021	.021						.031	<	U	.031	.031
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.042	<	U	.042	.042						.062	<	U	.062	.062
alpha-BHC	mg/kg	.0021	<	U	.0021	.0021						.0031	<	U	.0031	.0031
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.0021	<	U	.0021	.0021						.0031	<	U	.0031	.0031
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.0021	<	U	.0021	.0021						.0031	<	U	.0031	.0031
gamma-BHC (Lindane)	mg/kg	.0021	<	U	.0021	.0021						.0031	<	U	.0031	.0031
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						4.1	<	U	4.1	4.1					
1,2-Dichlorobenzene	mg/kg						4.1	<	U	4.1	4.1					
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg						4.1	<	U	4.1	4.1					

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Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	46SD04					46SD04					46SD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD04-981110					46SD04-981207					46SD07-981110				
	Sample Date:	10-NOV-98					07-DEC-98					10-NOV-98				
	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																
Endrin ketone	mg/kg						.0049	<	U	.0049	.0049					
Heptachlor	mg/kg						.0024	<	U	.0024	.0024					
Heptachlor epoxide	mg/kg						.0024	<	U	.0024	.0024					
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPD	mg/kg															
METHOXYCHLOR	mg/kg						.025	<	U	.025	.025					
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg						.049	<	U	.049	.049					
alpha-BHC	mg/kg						.0024	<	U	.0024	.0024					
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg						.0024	<	U	.0024	.0024					
cis-nonachlor	mg/kg															
delta-BHC	mg/kg						.0024	<	U	.0024	.0024					
gamma-BHC (Lindane)	mg/kg						.0024	<	U	.0024	.0024					
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	3	<	U	3	3						.44	<	U	.44	.44
1,2-Dichlorobenzene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	46SD07					46SD08					46SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD07-981203					46SD08-981110					46SD08-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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																
Endrin ketone	mg/kg	.0035	<	U	.0035	.0035						.0054	<	U	.0054	.0054
Heptachlor	mg/kg	.0017	<	U	.0017	.0017						.0027	<	U	.0027	.0027
Heptachlor epoxide	mg/kg	.0017	<	U	.0017	.0017						.0027	<	U	.0027	.0027
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg	.017	<	U	.017	.017						.027	<	U	.027	.027
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.035	<	U	.035	.035						.054	<	U	.054	.054
alpha-BHC	mg/kg	.0017	<	U	.0017	.0017						.0027	<	U	.0027	.0027
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.0017	<	U	.0017	.0017						.0027	<	U	.0027	.0027
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.0017	<	U	.0017	.0017						.0027	<	U	.0027	.0027
gamma-BHC (Lindane)	mg/kg	.0017	<	U	.0017	.0017						.0027	<	U	.0027	.0027
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						5.7	<	U	5.7	5.7					
1,2-Dichlorobenzene	mg/kg						5.7	<	U	5.7	5.7					
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg						5.7	<	U	5.7	5.7					

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	50SD01					50SD01					50SD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LH50SD01(0-1)					LH50SD01(0-1)QC					LH50SD02(0-1)				
	Sample Date:	29-NOV-95					29-NOV-95					29-NOV-95				
	Sample Depth:	.0 - 1					.0 - 1					.0 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg															
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	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44
1,2-Dichlorobenzene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD03					50SD04					50SD05				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD03-981112					50SD04-981111					50SD05-981111				
	Sample Date:	12-NOV-98					11-NOV-98					11-NOV-98				
	Sample Depth:	.0 - 0					.0 - 0					.0 - 0				
<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
PESTICIDES																
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg															
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	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
1,2-Dichlorobenzene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD06					50SD06					50SD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD06-981110					C-50SD06QC-981110					50SD06-981111				
	Sample Date:	10-NOV-98					10-NOV-98					11-NOV-98				
	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																
Endrin ketone	mg/kg	.0046	<	U	.0046	.0046	.0045	<	U	.0045	.0045					
Heptachlor	mg/kg	.0023	<	U	.0023	.0023	.0022	<	U	.0022	.0022					
Heptachlor epoxide	mg/kg	.0023	<	U	.0023	.0023	.0022	<	U	.0022	.0022					
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg	.023	<	U	.023	.023	.022	<	U	.022	.022					
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.046	<	U	.046	.046	.045	<	U	.045	.045					
alpha-BHC	mg/kg	.0023	<	U	.0023	.0023	.0022	<	U	.0022	.0022					
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.0023	<	U	.0023	.0023	.0022	<	U	.0022	.0022					
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.0023	<	U	.0023	.0023	.0022	<	U	.0022	.0022					
gamma-BHC (Lindane)	mg/kg	.0023	<	U	.0023	.0023	.0022	<	U	.0022	.0022					
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	.46	<	U	.46	.46	.45	<	U	.45	.45					
1,2-Dichlorobenzene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	50SD06					50SD07					50SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	C-50SD06QC-981111					50SD07-981111					50SD08-981111				
	Sample Date:	11-NOV-98					11-NOV-98					11-NOV-98				
	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																
Endrin ketone	mg/kg											.0054	<	U	.0054	.0054
Heptachlor	mg/kg											.0027	<	U	.0027	.0027
Heptachlor epoxide	mg/kg											.0027	<	U	.0027	.0027
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg											.027	<	U	.027	.027
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg											.054	<	U	.054	.054
alpha-BHC	mg/kg											.0027	<	U	.0027	.0027
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg											.0027	<	U	.0027	.0027
cis-nonachlor	mg/kg															
delta-BHC	mg/kg											.0027	<	U	.0027	.0027
gamma-BHC (Lindane)	mg/kg											.0027	<	U	.0027	.0027
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						.49	<	U	.49	.49	.54	<	U	.54	.54
1,2-Dichlorobenzene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54

00051944

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSN-2

Goose Prairie Creek

CL-GPSN-2(1)

10-AUG-00

.0 - 0.5

Dual VO

[illegible]

1,2,4,5-Tetrachloro-benzene	mg/kg	.629	<	U	.629	-99
1,2,4-Trichlorobenzene	mg/kg					
1,2-Dichlorobenzene	mg/kg					
1,2-Diphenylhydrazine	mg/kg					
1,3-Dichlorobenzene	mg/kg					

00051946

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSN-3

Goose Prairie Creek

CL-GPSN-3 (2) QC

10-AUG-00

.5 - 1

 $l = VO$ [illegible][illegible]

00051949

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSS-1

Goose Prairie Creek

CL-GPSS-1 (2)

09-AUG-00

.5 - 1

-1- VC

[illegible][illegible]

00051951

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSS-2

Goose Prairie Creek

CL-GPSS-2 (2)

09-AUG-00

.5 - 1

 $gl \quad VO$

<i>RL</i>	<i>MDL</i>

mg/kg

mg/kg

00051953

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSS-4

Goose Prairie Creek

CL-GPSS-4 (1)

09-AUG-00

.0 - 0.5

<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

.00416	<	U	.00416	-99
.00416	<	U	.00416	-99
.00416	<	U	.00416	-99
.00416	<	U	.00416	-99
.416	<	U	.416	-99
.00416	<	U	.00416	-99
.00416	<	U	.00416	-99
.00416	<	U	.00416	-99
.00416	<	U	.00416	-99
.00416	<	U	.00416	-99
.00416	<	U	.00416	-99

.258 < U .258 -99

.354 < U .354 -99

00051954

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSS-4

Goose Prairie Creek

CL-GPSS-4(2)

09-AUG-00

.5 - 1

$$-1 - \frac{1}{2} \frac{V_C}{V_0}$$
[illegible]

1,2,4,5-Tetrachloro-benzene	mg/kg	.17	<	U	.17	-99
1,2,4-Trichlorobenzene	mg/kg					
1,2-Dichlorobenzene	mg/kg					
1,2-Diphenylhydrazine	mg/kg					
1,3-Dichlorobenzene	mg/kg					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-225					FWS-227					GPCSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CLNWR225					CLNWR227					GPCSD01-981118				
	Sample Date:	09-SEP-03					09-SEP-03					18-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Endrin ketone	mg/kg															
Heptachlor	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
Heptachlor epoxide	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
Hexachlorobenzene	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
Polychlorinated biphenyls, N.O.S.	mg/kg	.0429		nv	.00197		.384		nv	.00235						
Toxaphene	mg/kg	.00197	<	nv	.00197		.00235	<	nv	.00235						
alpha-BHC	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
alpha-Chlordane	mg/kg	.000393	<	nv	.000393		.0015		nv	.000469						
beta-BHC	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
cis-nonachlor	mg/kg	.000393	<	nv	.000393		.00311		nv	.000469						
delta-BHC	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
gamma-BHC (Lindane)	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
gamma-CHLORDANE	mg/kg															
o,p'-DDD	mg/kg	.000393	<	nv	.000393		.00127		nv	.000469						
o,p'-DDE	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
o,p'-DDT	mg/kg	.000393	<	nv	.000393		.00195		nv	.000469						
oxychlordane	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
pentachloro-anisole	mg/kg	.000393	<	nv	.000393		.000469	<	nv	.000469						
trans-NONACHLOR	mg/kg	.000393	<	nv	.000393		.00219		nv	.000469						
SEMIVOLATILES																
1,2,4,5-Tetrachloro-benzene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
1,2,4-Trichlorobenzene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
1,2-Dichlorobenzene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	GPCSD01					GPCSD02					GPCSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD01-981202					GPCSD02-981118					GPCSD02-981202				
	Sample Date:	02-DEC-98					18-NOV-98					02-DEC-98				
	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																
Endrin ketone	mg/kg	.0056	<	U	.0056	.0056						.0038	<	U	.0038	.0038
Heptachlor	mg/kg	.0028	<	U	.0028	.0028						.0019	<	U	.0019	.0019
Heptachlor epoxide	mg/kg	.0028	<	U	.0028	.0028						.0019	<	U	.0019	.0019
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg	.028	<	U	.028	.028						.019	<	U	.019	.019
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.056	<	U	.056	.056						.038	<	U	.038	.038
alpha-BHC	mg/kg	.0028	<	U	.0028	.0028						.0019	<	U	.0019	.0019
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.0028	<	U	.0028	.0028						.0019	<	U	.0019	.0019
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.0028	<	U	.0028	.0028						.0019	<	U	.0019	.0019
gamma-BHC (Lindane)	mg/kg	.0028	<	U	.0028	.0028						.0019	<	U	.0019	.0019
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						.51	<	U	.51	.51					
1,2-Dichlorobenzene	mg/kg						.51	<	U	.51	.51					
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg						.51	<	U	.51	.51					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD03					GPCSD04					GPCSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD03					GPCSD04-981116					GPCSD04-981202				
	Sample Date:	17-NOV-98					16-NOV-98					02-DEC-98				
	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																
Endrin ketone	mg/kg	.0063	<	U	.0063	.0063						.0038	<	U	.0038	.0038
Heptachlor	mg/kg	.0032	<	U	.0032	.0032						.0019	<	U	.0019	.0019
Heptachlor epoxide	mg/kg	.0032	<	U	.0032	.0032						.0019	<	U	.0019	.0019
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg	.032	<	U	.032	.032						.019	<	U	.019	.019
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.063	<	U	.063	.063						.038	<	U	.038	.038
alpha-BHC	mg/kg	.0032	<	U	.0032	.0032						.0019	<	U	.0019	.0019
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.0032	<	U	.0032	.0032						.0019	<	U	.0019	.0019
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.0032	<	U	.0032	.0032						.0019	<	U	.0019	.0019
gamma-BHC (Lindane)	mg/kg	.0032	<	U	.0032	.0032						.0019	<	U	.0019	.0019
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	.42	<	U	.42	.42	.44	<	U	.44	.44					
1,2-Dichlorobenzene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD05					GPCSD05					GPCSD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD05-981116					GPCSD05-981202					GPCSD06				
	Sample Date:	16-NOV-98					02-DEC-98					16-NOV-98				
	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																
Endrin ketone	mg/kg						.0046	<	U	.0046	.0046	.0046	<	U	.0046	.0046
Heptachlor	mg/kg						.0023	<	U	.0023	.0023	.0023	<	U	.0023	.0023
Heptachlor epoxide	mg/kg						.0023	<	U	.0023	.0023	.0023	<	U	.0023	.0023
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg						.023	<	U	.023	.023	.023	<	U	.023	.023
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg						.045	<	U	.045	.045	.046	<	U	.046	.046
alpha-BHC	mg/kg						.0023	<	U	.0023	.0023	.0023	<	U	.0023	.0023
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg						.0023	<	U	.0023	.0023	.0023	<	U	.0023	.0023
cis-nonachlor	mg/kg															
delta-BHC	mg/kg						.0023	<	U	.0023	.0023	.0023	<	U	.0023	.0023
gamma-BHC (Lindane)	mg/kg						.0023	<	U	.0023	.0023	.0023	<	U	.0023	.0023
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	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
1,2-Dichlorobenzene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD06					GPCSD07					GPCSD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD06QC					GPCSD07-981116					GPCSD07-981203				
	Sample Date:	16-NOV-98					16-NOV-98					03-DEC-98				
	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																
Endrin ketone	mg/kg	.023	<	U	.023	.023						.0046	<	U	.0046	.0046
Heptachlor	mg/kg	.012	<	U	.012	.012						.0023	<	U	.0023	.0023
Heptachlor epoxide	mg/kg	.012	<	U	.012	.012						.0023	<	U	.0023	.0023
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg	.12	<	U	.12	.12						.023	<	U	.023	.023
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.23	<	U	.23	.23						.046	<	U	.046	.046
alpha-BHC	mg/kg	.012	<	U	.012	.012						.0023	<	U	.0023	.0023
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.012	<	U	.012	.012						.0023	<	U	.0023	.0023
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.012	<	U	.012	.012						.0023	<	U	.0023	.0023
gamma-BHC (Lindane)	mg/kg	.012	<	U	.012	.012						.0023	<	U	.0023	.0023
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	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
1,2-Dichlorobenzene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD08					GPCSD10					GPCSD10				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD08					GPCSD10-981111					GPCSD10-981203				
	Sample Date:	11-NOV-98					11-NOV-98					03-DEC-98				
	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																
Endrin ketone	mg/kg	.0044	<	U	.0044	.0044						.0042	<	U	.0042	.0042
Heptachlor	mg/kg	.0022	<	U	.0022	.0022						.0021	<	U	.0021	.0021
Heptachlor epoxide	mg/kg	.0022	<	U	.0022	.0022						.0021	<	U	.0021	.0021
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg	.022	<	U	.022	.022						.021	<	U	.021	.021
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg	.044	<	U	.044	.044						.042	<	U	.042	.042
alpha-BHC	mg/kg	.0022	<	U	.0022	.0022						.0021	<	U	.0021	.0021
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg	.0022	<	U	.0022	.0022						.0021	<	U	.0021	.0021
cis-nonachlor	mg/kg															
delta-BHC	mg/kg	.0022	<	U	.0022	.0022						.0021	<	U	.0021	.0021
gamma-BHC (Lindane)	mg/kg	.0022	<	U	.0022	.0022						.0021	<	U	.0021	.0021
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	.44	<	U	.44	.44	.45	<	U	.45	.45					
1,2-Dichlorobenzene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					

00051961

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-12

Goose Prairie Creek

GPS-12

04-SEP-97

.0 - 0

<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

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

00051962

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-4

Goose Prairie Creek

GPS-4

07-AUG-96

.0 - 0.5

<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
ESTICIDES																

Endrin ketone	mg/kg
Heptachlor	mg/kg
Heptachlor epoxide	mg/kg
Hexachlorobenzene	mg/kg
MCPA	mg/kg
MCPP	mg/kg
METHOXYCHLOR	mg/kg
MIREX	mg/kg
Polychlorinated biphenyls, N.O.S.	mg/kg
Toxaphene	mg/kg
alpha-BHC	mg/kg
alpha-Chlordane	mg/kg
beta-BHC	mg/kg
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

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

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-5					GPS-6					GPWSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-5					GPS-6					GPWSD01				
	Sample Date:	08-AUG-96					08-AUG-96					19-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Endrin ketone	mg/kg											.0043	<	U	.0043	.0043
Heptachlor	mg/kg											.0021	<	U	.0021	.0021
Heptachlor epoxide	mg/kg											.0021	<	U	.0021	.0021
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg											.022	<	U	.022	.022
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg											.043	<	U	.043	.043
alpha-BHC	mg/kg											.0021	<	U	.0021	.0021
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg											.0021	<	U	.0021	.0021
cis-nonachlor	mg/kg															
delta-BHC	mg/kg											.0021	<	U	.0021	.0021
gamma-BHC (Lindane)	mg/kg											.0021	<	U	.0021	.0021
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											.43	<	U	.43	.43
1,2-Dichlorobenzene	mg/kg											.43	<	U	.43	.43
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg											.43	<	U	.43	.43

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPWSD01					GPWSD02					GPWSD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPWSD01QC					GPWSD02-981201					GPWSD02-981202				
	Sample Date:		19-NOV-98					01-DEC-98					02-DEC-98				
	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																	
Endrin ketone		mg/kg	.0057	<	U	.0057	.0057						.0063	<	U	.0063	.0063
Heptachlor		mg/kg	.0028	<	U	.0028	.0028						.0031	<	U	.0031	.0031
Heptachlor epoxide		mg/kg	.0028	<	U	.0028	.0028						.0031	<	U	.0031	.0031
Hexachlorobenzene		mg/kg															
MCPA		mg/kg															
MCPP		mg/kg															
METHOXYCHLOR		mg/kg	.029	<	U	.029	.029						.031	<	U	.031	.031
MIREX		mg/kg															
Polychlorinated biphenyls, N.O.S.		mg/kg															
Toxaphene		mg/kg	.057	<	U	.057	.057						.063	<	U	.063	.063
alpha-BHC		mg/kg	.0028	<	U	.0028	.0028						.0031	<	U	.0031	.0031
alpha-Chlordane		mg/kg															
beta-BHC		mg/kg	.0028	<	U	.0028	.0028						.0031	<	U	.0031	.0031
cis-nonachlor		mg/kg															
delta-BHC		mg/kg	.0028	<	U	.0028	.0028						.0031	<	U	.0031	.0031
gamma-BHC (Lindane)		mg/kg	.0028	<	U	.0028	.0028						.0031	<	U	.0031	.0031
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	.57	<	U	.57	.57	.63	<	U	.63	.63					
1,2-Dichlorobenzene		mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
1,2-Diphenylhydrazine		mg/kg															
1,3-Dichlorobenzene		mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPWSD03					GPWSD03					GPWSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPWSD03-981201					GPWSD03-981202					GPWSD04-981120				
	Sample Date:	01-DEC-98					02-DEC-98					20-NOV-98				
	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																
Endrin ketone	mg/kg						.0054	<	U	.0054	.0054	.0046	<	U	.0046	.0046
Heptachlor	mg/kg						.0027	<	U	.0027	.0027	.0023	<	U	.0023	.0023
Heptachlor epoxide	mg/kg						.0027	<	U	.0027	.0027	.0023	<	U	.0023	.0023
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg						.027	<	U	.027	.027	.023	<	U	.023	.023
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg						.054	<	U	.054	.054	.046	<	U	.046	.046
alpha-BHC	mg/kg						.0027	<	U	.0027	.0027	.0023	<	U	.0023	.0023
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg						.0027	<	U	.0027	.0027	.0023	<	U	.0023	.0023
cis-nonachlor	mg/kg															
delta-BHC	mg/kg						.0027	<	U	.0027	.0027	.0023	<	U	.0023	.0023
gamma-BHC (Lindane)	mg/kg						.0027	<	U	.0027	.0027	.0023	<	U	.0023	.0023
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	.55	<	U	.55	.55						.46	<	U	.46	.46
1,2-Dichlorobenzene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Sample Date:	12-JAN-95					12-JAN-95					12-JAN-95				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
PESTICIDES																
Endrin ketone	mg/kg															
Heptachlor	mg/kg															
Heptachlor epoxide	mg/kg															
Hexachlorobenzene	mg/kg															
MCPA	mg/kg															
MCPP	mg/kg															
METHOXYCHLOR	mg/kg															
MIREX	mg/kg															
Polychlorinated biphenyls, N.O.S.	mg/kg															
Toxaphene	mg/kg															
alpha-BHC	mg/kg															
alpha-Chlordane	mg/kg															
beta-BHC	mg/kg															
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	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
1,2-Dichlorobenzene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
1,2-Diphenylhydrazine	mg/kg															
1,3-Dichlorobenzene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-08					
	Associated Site:	Goose Prairie Creek					
	Sample No:	LHS-GPC-08					
	Sample Date:	12-JAN-95					
	Sample Depth:	.0 - 0.5					
Parameter	Units	Result	Qual	VQ	RL	MDL	
PESTICIDES							
Endrin ketone	mg/kg						
Heptachlor	mg/kg						
Heptachlor epoxide	mg/kg						
Hexachlorobenzene	mg/kg						
MCPA	mg/kg						
MCPP	mg/kg						
METHOXYCHLOR	mg/kg						
MIREX	mg/kg						
Polychlorinated biphenyls, N.O.S.	mg/kg						
Toxaphene	mg/kg						
alpha-BHC	mg/kg						
alpha-Chlordane	mg/kg						
beta-BHC	mg/kg						
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	.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	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	29SD12					29SD13					29SD13				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD12(0-0.5)					29SD13(0-0.5)					29SD13(0-0.5)QC				
	Sample Date:	27-APR-93					27-APR-93					27-APR-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																
1,4-Dichlorobenzene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
1-Chloronaphthalene	mg/kg	.985	<	U	.985	-99	1.245	<	U	1.245	-99	1.031	<	U	1.031	-99
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2.388	<	U	2.388	-99	3.019	<	U	3.019	-99	2.5	<	U	2.5	-99
2,4,6-Trichlorophenol	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
2,4-Dichlorophenol	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
2,4-Dimethylphenol	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
2,4-Dinitrophenol	mg/kg	2.388	<	U	2.388	-99	3.019	<	U	3.019	-99	2.5	<	U	2.5	-99
2,4-Dinitrotoluene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
2-Chloronaphthalene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
2-Chlorophenol	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
2-Methylnaphthalene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
2-Methylphenol	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.388	<	U	2.388	-99	3.019	<	U	3.019	-99	2.5	<	U	2.5	-99
2-Nitrophenol	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.985	<	U	.985	-99	1.245	<	U	1.245	-99	1.031	<	U	1.031	-99
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.388	<	U	2.388	-99	3.019	<	U	3.019	-99	2.5	<	U	2.5	-99
4,6-Dinitro-2-methylphenol	mg/kg	2.388	<	U	2.388	-99	3.019	<	U	3.019	-99	2.5	<	U	2.5	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
4-Chloro-3-methylphenol	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
4-Chloroaniline	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
4-Chlorophenyl phenyl ether	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD14					29SD15					29SD16				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD14(0.5)					29SD15(0-0.5)					29SD16(0-0.5)				
	Sample Date:	30-APR-93					27-APR-93					27-APR-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																
1,4-Dichlorobenzene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
1-Chloronaphthalene	mg/kg	.971	<	U	.971	-99	.868	<	U	.868	-99	.93	<	U	.93	-99
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2.353	<	U	2.353	-99	2.105	<	U	2.105	-99	2.254	<	U	2.254	-99
2,4,6-Trichlorophenol	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
2,4-Dichlorophenol	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
2,4-Dimethylphenol	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
2,4-Dinitrophenol	mg/kg	2.353	<	U	2.353	-99	2.105	<	U	2.105	-99	2.254	<	U	2.254	-99
2,4-Dinitrotoluene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
2-Chloronaphthalene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
2-Chlorophenol	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
2-Methylnaphthalene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
2-Methylphenol	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.353	<	U	2.353	-99	2.105	<	U	2.105	-99	2.254	<	U	2.254	-99
2-Nitrophenol	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.971	<	U	.971	-99	.868	<	U	.868	-99	.93	<	U	.93	-99
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.353	<	U	2.353	-99	2.105	<	U	2.105	-99	2.254	<	U	2.254	-99
4,6-Dinitro-2-methylphenol	mg/kg	2.353	<	U	2.353	-99	2.105	<	U	2.105	-99	2.254	<	U	2.254	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
4-Chloro-3-methylphenol	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
4-Chloroaniline	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99
4-Chlorophenyl phenyl ether	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	29SD17					29SD22					29SD27				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD17(0.5)					29SD22					29SD27				
	Sample Date:	30-APR-93					07-OCT-98					08-OCT-98				
	Sample Depth:	.0 -0.5					.0 -0					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
1-Chloronaphthalene	mg/kg	1.048	<	U	1.048	-99										
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2.54	<	U	2.54	-99						11	<	U	11	11
2,4,6-Trichlorophenol	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
2,4-Dichlorophenol	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
2,4-Dimethylphenol	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
2,4-Dinitrophenol	mg/kg	2.54	<	U	2.54	-99						11	<	U	11	11
2,4-Dinitrotoluene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
2-Chloronaphthalene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
2-Chlorophenol	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
2-Methylnaphthalene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
2-Methylphenol	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.54	<	U	2.54	-99						11	<	U	11	11
2-Nitrophenol	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	1.048	<	U	1.048	-99						4.5	<	U	4.5	4.5
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.54	<	U	2.54	-99						11	<	U	11	11
4,6-Dinitro-2-methylphenol	mg/kg	2.54	<	U	2.54	-99						11	<	U	11	11
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
4-Chloro-3-methylphenol	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
4-Chloroaniline	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
4-Chlorophenyl phenyl ether	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD29					29SD30					29SD31				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD29					29SD30					29SD31				
	Sample Date:	06-OCT-98					07-OCT-98					07-OCT-98				
	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																
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					
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					
3,3'-Dimethylbenzidine	mg/kg															
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					

Exhibit 1

Summary of Validated Sediment Analytical Data

Goose Prairie Creek Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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Location Code:

Associated Site:

Sample No:

Sample Date:

Sample Depth:

32SD01

Goose Prairie Creek

32SD01(0.5)

30-APR-93

.0 -0.5

32SD01

Goose Prairie Creek

32SD01(0.5)QC

30-APR-93

.0 -0.5

32SD02

Goose Prairie Creek

32SD02(0.5)

30-APR-93

.0 -0.5

User Test Group

Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
1-Chloronaphthalene	mg/kg	.835	<	U	.835	-99	.825	<	U	.825	-99	.93	<	U	.93	-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	<	U	2	-99	2.254	<	U	2.254	-99
2,4,6-Trichlorophenol	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
2,4-Dichlorophenol	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
2,4-Dimethylphenol	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
2,4-Dinitrophenol	mg/kg	2.025	<	U	2.025	-99	2	<	U	2	-99	2.254	<	U	2.254	-99
2,4-Dinitrotoluene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
2-Chloronaphthalene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
2-Chlorophenol	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
2-Methylnaphthalene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
2-Methylphenol	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.025	<	U	2.025	-99	2	<	U	2	-99	2.254	<	U	2.254	-99
2-Nitrophenol	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.835	<	U	.835	-99	.825	<	U	.825	-99	.93	<	U	.93	-99
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.025	<	U	2.025	-99	2	<	U	2	-99	2.254	<	U	2.254	-99
4,6-Dinitro-2-methylphenol	mg/kg	2.025	<	U	2.025	-99	2	<	U	2	-99	2.254	<	U	2.254	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
4-Chloro-3-methylphenol	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
4-Chloroaniline	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99
4-Chlorophenyl phenyl ether	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:		32SD03					32SD04					32SD08				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		32SD03(0.5)					32SD04(0.5)					32SD08(000.0)				
	Sample Date:		30-APR-93					30-APR-93					12-APR-95				
	Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
SEMIVOLATILES																	
1,4-Dichlorobenzene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
1-Chloronaphthalene	mg/kg	.943	<	U	.943	-99	.75	<	U	.75	-99						
1-Naphthylamine	mg/kg																
2,3,4,6-Tetrachlorophenol	mg/kg																
2,4,5-Trichlorophenol	mg/kg	2.286	<	U	2.286	-99	1.818	<	U	1.818	-99						
2,4,6-Trichlorophenol	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
2,4-Dichlorophenol	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
2,4-Dimethylphenol	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
2,4-Dinitrophenol	mg/kg	2.286	<	U	2.286	-99	1.818	<	U	1.818	-99						
2,4-Dinitrotoluene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
2,6-Dichlorophenol	mg/kg																
2,6-Dinitrotoluene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
2-Chloronaphthalene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
2-Chlorophenol	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
2-Methylnaphthalene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
2-Methylphenol	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
2-Naphthylamine	mg/kg																
2-Nitroaniline	mg/kg	2.286	<	U	2.286	-99	1.818	<	U	1.818	-99						
2-Nitrophenol	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
2-Picoline	mg/kg																
3,3'-Dichlorobenzidine	mg/kg	.943	<	U	.943	-99	.75	<	U	.75	-99						
3,3'-Dimethylbenzidine	mg/kg																
3-Methylcholanthrene	mg/kg																
3-Nitroaniline	mg/kg	2.286	<	U	2.286	-99	1.818	<	U	1.818	-99						
4,6-Dinitro-2-methylphenol	mg/kg	2.286	<	U	2.286	-99	1.818	<	U	1.818	-99						
4-Aminobiphenyl	mg/kg																
4-Bromophenyl phenyl ether	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
4-Chloro-3-methylphenol	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
4-Chloroaniline	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
4-Chlorophenyl phenyl ether	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		32SD15					32SD16					32SD19				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		32SD15(000.0)					32SD16(000.0)					32SD19-981008				
	Sample Date:		19-FEB-95					19-FEB-95					08-OCT-98				
	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																	
1,4-Dichlorobenzene		mg/kg											4.8	<	U	4.8	4.8
1-Chloronaphthalene		mg/kg															
1-Naphthylamine		mg/kg															
2,3,4,6-Tetrachlorophenol		mg/kg															
2,4,5-Trichlorophenol		mg/kg											12	<	U	12	12
2,4,6-Trichlorophenol		mg/kg											4.8	<	U	4.8	4.8
2,4-Dichlorophenol		mg/kg											4.8	<	U	4.8	4.8
2,4-Dimethylphenol		mg/kg											4.8	<	U	4.8	4.8
2,4-Dinitrophenol		mg/kg											12	<	U	12	12
2,4-Dinitrotoluene		mg/kg											4.8	<	U	4.8	4.8
2,6-Dichlorophenol		mg/kg															
2,6-Dinitrotoluene		mg/kg											4.8	<	U	4.8	4.8
2-Chloronaphthalene		mg/kg											4.8	<	U	4.8	4.8
2-Chlorophenol		mg/kg											4.8	<	U	4.8	4.8
2-Methylnaphthalene		mg/kg											4.8	<	U	4.8	4.8
2-Methylphenol		mg/kg											4.8	<	U	4.8	4.8
2-Naphthylamine		mg/kg															
2-Nitroaniline		mg/kg											12	<	U	12	12
2-Nitrophenol		mg/kg											4.8	<	U	4.8	4.8
2-Picoline		mg/kg															
3,3'-Dichlorobenzidine		mg/kg											4.8	<	U	4.8	4.8
3,3'-Dimethylbenzidine		mg/kg															
3-Methylcholanthrene		mg/kg															
3-Nitroaniline		mg/kg											12	<	U	12	12
4,6-Dinitro-2-methylphenol		mg/kg											12	<	U	12	12
4-Aminobiphenyl		mg/kg															
4-Bromophenyl phenyl ether		mg/kg											4.8	<	U	4.8	4.8
4-Chloro-3-methylphenol		mg/kg											4.8	<	U	4.8	4.8
4-Chloroaniline		mg/kg											4.8	<	U	4.8	4.8
4-Chlorophenyl phenyl ether		mg/kg											4.8	<	U	4.8	4.8

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	35ASD01					35ASD01					35ASD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD01-981109					35ASD01-981203					35ASD02-981109				
	Sample Date:	09-NOV-98					03-DEC-98					09-NOV-98				
	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																
1,4-Dichlorobenzene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.4	<	U	1.4	1.4						1.1	<	U	1.1	1.1
2,4,6-Trichlorophenol	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
2,4-Dichlorophenol	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
2,4-Dimethylphenol	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
2,4-Dinitrophenol	mg/kg	1.4	<	U	1.4	1.4						1.1	<	U	1.1	1.1
2,4-Dinitrotoluene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
2-Chloronaphthalene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
2-Chlorophenol	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
2-Methylnaphthalene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
2-Methylphenol	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.4	<	U	1.4	1.4						1.1	<	U	1.1	1.1
2-Nitrophenol	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.4	<	U	1.4	1.4						1.1	<	U	1.1	1.1
4,6-Dinitro-2-methylphenol	mg/kg	1.4	<	U	1.4	1.4						1.1	<	U	1.1	1.1
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
4-Chloro-3-methylphenol	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
4-Chloroaniline	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
4-Chlorophenyl phenyl ether	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	35ASD02					46SD03					46SD03				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD02-981203					46SD03-981110					46SD03-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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																
1,4-Dichlorobenzene	mg/kg						4.1	<	U	4.1	4.1					
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg						10	<	U	10	10					
2,4,6-Trichlorophenol	mg/kg						4.1	<	U	4.1	4.1					
2,4-Dichlorophenol	mg/kg						4.1	<	U	4.1	4.1					
2,4-Dimethylphenol	mg/kg						4.1	<	U	4.1	4.1					
2,4-Dinitrophenol	mg/kg						10	<	U	10	10					
2,4-Dinitrotoluene	mg/kg						4.1	<	U	4.1	4.1					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						4.1	<	U	4.1	4.1					
2-Chloronaphthalene	mg/kg						4.1	<	U	4.1	4.1					
2-Chlorophenol	mg/kg						4.1	<	U	4.1	4.1					
2-Methylnaphthalene	mg/kg						4.1	<	U	4.1	4.1					
2-Methylphenol	mg/kg						4.1	<	U	4.1	4.1					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						10	<	U	10	10					
2-Nitrophenol	mg/kg						4.1	<	U	4.1	4.1					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						4.1	<	U	4.1	4.1					
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						10	<	U	10	10					
4,6-Dinitro-2-methylphenol	mg/kg						10	<	U	10	10					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						4.1	<	U	4.1	4.1					
4-Chloro-3-methylphenol	mg/kg						4.1	<	U	4.1	4.1					
4-Chloroaniline	mg/kg						4.1	<	U	4.1	4.1					
4-Chlorophenyl phenyl ether	mg/kg						4.1	<	U	4.1	4.1					

Exhibit 1

Summary of Validated Sediment Analytical Data

Goose Prairie Creek Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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Location Code:

46SD04

46SD04

46SD07

Associated Site:

Goose Prairie Creek

Goose Prairie Creek

Goose Prairie Creek

Sample No:

46SD04-981110

46SD04-981207

46SD07-981110

Sample Date:

10-NOV-98

07-DEC-98

10-NOV-98

Sample Depth:

.0 - 0

.0 - 0

.0 - 0

User Test Group

Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg	3	<	U	3	3						.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	7.6	<	U	7.6	7.6						1.1	<	U	1.1	1.1
2,4,6-Trichlorophenol	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
2,4-Dichlorophenol	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
2,4-Dimethylphenol	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
2,4-Dinitrophenol	mg/kg	7.6	<	U	7.6	7.6						1.1	<	U	1.1	1.1
2,4-Dinitrotoluene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
2-Chloronaphthalene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
2-Chlorophenol	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
2-Methylnaphthalene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
2-Methylphenol	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	7.6	<	U	7.6	7.6						1.1	<	U	1.1	1.1
2-Nitrophenol	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	7.6	<	U	7.6	7.6						1.1	<	U	1.1	1.1
4,6-Dinitro-2-methylphenol	mg/kg	7.6	<	U	7.6	7.6						1.1	<	U	1.1	1.1
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
4-Chloro-3-methylphenol	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
4-Chloroaniline	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
4-Chlorophenyl phenyl ether	mg/kg	3	<	U	3	3						.44	<	U	.44	.44

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	46SD07					46SD08					46SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD07-981203					46SD08-981110					46SD08-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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																
1,4-Dichlorobenzene	mg/kg						5.7	<	U	5.7	5.7					
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg						14	<	U	14	14					
2,4,6-Trichlorophenol	mg/kg						5.7	<	U	5.7	5.7					
2,4-Dichlorophenol	mg/kg						5.7	<	U	5.7	5.7					
2,4-Dimethylphenol	mg/kg						5.7	<	U	5.7	5.7					
2,4-Dinitrophenol	mg/kg						14	<	U	14	14					
2,4-Dinitrotoluene	mg/kg						5.7	<	U	5.7	5.7					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						5.7	<	U	5.7	5.7					
2-Chloronaphthalene	mg/kg						5.7	<	U	5.7	5.7					
2-Chlorophenol	mg/kg						5.7	<	U	5.7	5.7					
2-Methylnaphthalene	mg/kg						5.7	<	U	5.7	5.7					
2-Methylphenol	mg/kg						5.7	<	U	5.7	5.7					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						14	<	U	14	14					
2-Nitrophenol	mg/kg						5.7	<	U	5.7	5.7					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						5.7	<	U	5.7	5.7					
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						14	<	U	14	14					
4,6-Dinitro-2-methylphenol	mg/kg						14	<	U	14	14					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						5.7	<	U	5.7	5.7					
4-Chloro-3-methylphenol	mg/kg						5.7	<	U	5.7	5.7					
4-Chloroaniline	mg/kg						5.7	<	U	5.7	5.7					
4-Chlorophenyl phenyl ether	mg/kg						5.7	<	U	5.7	5.7					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		50SD01					50SD01					50SD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		LH50SD01(0-1)					LH50SD01(0-1)QC					LH50SD02(0-1)				
	Sample Date:		29-NOV-95					29-NOV-95					29-NOV-95				
	Sample Depth:		.0 - 1					.0 - 1					.0 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
SEMIVOLATILES																	
1,4-Dichlorobenzene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.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	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2,4,6-Trichlorophenol	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2,4-Dichlorophenol	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2,4-Dimethylphenol	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2,4-Dinitrophenol	mg/kg	1.08	<	U	1.08	1.08	1.07	<	U	1.07	1.07	1.1	<	U	1.1	1.1	
2,4-Dinitrotoluene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2,6-Dichlorophenol	mg/kg																
2,6-Dinitrotoluene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2-Chloronaphthalene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2-Chlorophenol	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2-Methylnaphthalene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2-Methylphenol	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2-Naphthylamine	mg/kg																
2-Nitroaniline	mg/kg	1.08	<	U	1.08	1.08	1.07	<	U	1.07	1.07	1.1	<	U	1.1	1.1	
2-Nitrophenol	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
2-Picoline	mg/kg																
3,3'-Dichlorobenzidine	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
3,3'-Dimethylbenzidine	mg/kg																
3-Methylcholanthrene	mg/kg																
3-Nitroaniline	mg/kg	1.08	<	U	1.08	1.08	1.07	<	U	1.07	1.07	1.1	<	U	1.1	1.1	
4,6-Dinitro-2-methylphenol	mg/kg	1.08	<	U	1.08	1.08	1.07	<	U	1.07	1.07	1.1	<	U	1.1	1.1	
4-Aminobiphenyl	mg/kg																
4-Bromophenyl phenyl ether	mg/kg																
4-Chloro-3-methylphenol	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
4-Chloroaniline	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
4-Chlorophenyl phenyl ether	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	50SD03					50SD04					50SD05				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD03-981112					50SD04-981111					50SD05-981111				
	Sample Date:	12-NOV-98					11-NOV-98					11-NOV-98				
	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																
1,4-Dichlorobenzene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2.4	<	U	2.4	2.4	1.3	<	U	1.3	1.3	1.1	<	U	1.1	1.1
2,4,6-Trichlorophenol	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
2,4-Dichlorophenol	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
2,4-Dimethylphenol	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
2,4-Dinitrophenol	mg/kg	2.4	<	U	2.4	2.4	1.3	<	U	1.3	1.3	1.1	<	U	1.1	1.1
2,4-Dinitrotoluene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
2-Chloronaphthalene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
2-Chlorophenol	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
2-Methylnaphthalene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
2-Methylphenol	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2.4	<	U	2.4	2.4	1.3	<	U	1.3	1.3	1.1	<	U	1.1	1.1
2-Nitrophenol	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2.4	<	U	2.4	2.4	1.3	<	U	1.3	1.3	1.1	<	U	1.1	1.1
4,6-Dinitro-2-methylphenol	mg/kg	2.4	<	U	2.4	2.4	1.3	<	U	1.3	1.3	1.1	<	U	1.1	1.1
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
4-Chloro-3-methylphenol	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
4-Chloroaniline	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
4-Chlorophenyl phenyl ether	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD06					50SD06					50SD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD06-981110					C-50SD06QC-981110					50SD06-981111				
	Sample Date:	10-NOV-98					10-NOV-98					11-NOV-98				
	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																
1,4-Dichlorobenzene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
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	1.1	<	U	1.1	1.1					
2,4,6-Trichlorophenol	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
2,4-Dichlorophenol	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
2,4-Dimethylphenol	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
2,4-Dinitrophenol	mg/kg	1.2	<	U	1.2	1.2	1.1	<	U	1.1	1.1					
2,4-Dinitrotoluene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
2-Chloronaphthalene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
2-Chlorophenol	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
2-Methylnaphthalene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
2-Methylphenol	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.2	<	U	1.2	1.2	1.1	<	U	1.1	1.1					
2-Nitrophenol	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.2	<	U	1.2	1.2	1.1	<	U	1.1	1.1					
4,6-Dinitro-2-methylphenol	mg/kg	1.2	<	U	1.2	1.2	1.1	<	U	1.1	1.1					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
4-Chloro-3-methylphenol	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
4-Chloroaniline	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
4-Chlorophenyl phenyl ether	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD06					50SD07					50SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	C-50SD06QC-981111					50SD07-981111					50SD08-981111				
	Sample Date:	11-NOV-98					11-NOV-98					11-NOV-98				
	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																
1,4-Dichlorobenzene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
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	1.4	<	U	1.4	1.4
2,4,6-Trichlorophenol	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
2,4-Dichlorophenol	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
2,4-Dimethylphenol	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
2,4-Dinitrophenol	mg/kg						1.2	<	U	1.2	1.2	1.4	<	U	1.4	1.4
2,4-Dinitrotoluene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
2-Chloronaphthalene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
2-Chlorophenol	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
2-Methylnaphthalene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
2-Methylphenol	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						1.2	<	U	1.2	1.2	1.4	<	U	1.4	1.4
2-Nitrophenol	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						1.2	<	U	1.2	1.2	1.4	<	U	1.4	1.4
4,6-Dinitro-2-methylphenol	mg/kg						1.2	<	U	1.2	1.2	1.4	<	U	1.4	1.4
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
4-Chloro-3-methylphenol	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
4-Chloroaniline	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
4-Chlorophenyl phenyl ether	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54

00051984

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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60SD02

Goose Prairie Creek

60SD02QC

10-NOV-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

 mg/kg

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2,4,5-Trichlorophenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2,4,6-Trichlorophenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2,4-Dichlorophenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2,4-Dimethylphenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2,4-Dinitrophenol	mg/kg	2.06	<	U	2.06	-99						1.1	<	U	1.1	-99
2,4-Dinitrotoluene	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2,6-Dichlorophenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2,6-Dinitrotoluene	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2-Chloronaphthalene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
2-Chlorophenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2-Methylnaphthalene	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2-Methylphenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2-Nitrophenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	1.03	<	U	1.03	-99						.551	<	U	.551	-99
3,3'-Dimethylbenzidine	mg/kg	1.03	<	U	1.03	-99						.551	<	U	.551	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
4,6-Dinitro-2-methylphenol	mg/kg	1.03	<	U	1.03	-99						.551	<	U	.551	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
4-Chloro-3-methylphenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
4-Chloroaniline	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
4-Chlorophenyl phenyl ether	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-2					CL-GPSN-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1(2)					CL-GPSN-2 (1)					CL-GPSN-2(1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	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																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg						.629	<	U	.629	-99					
2,4,5-Trichlorophenol	mg/kg						.629	<	U	.629	-99					
2,4,6-Trichlorophenol	mg/kg						.629	<	U	.629	-99					
2,4-Dichlorophenol	mg/kg						.629	<	U	.629	-99					
2,4-Dimethylphenol	mg/kg						.629	<	U	.629	-99					
2,4-Dinitrophenol	mg/kg						2.44	<	U	2.44	-99					
2,4-Dinitrotoluene	mg/kg						.629	<	U	.629	-99					
2,6-Dichlorophenol	mg/kg						.629	<	U	.629	-99					
2,6-Dinitrotoluene	mg/kg						.629	<	U	.629	-99					
2-Chloronaphthalene	mg/kg						.248	<	U	.248	-99					
2-Chlorophenol	mg/kg						.629	<	U	.629	-99					
2-Methylnaphthalene	mg/kg						.629	<	U	.629	-99					
2-Methylphenol	mg/kg						.629	<	U	.629	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						.629	<	U	.629	-99					
2-Nitrophenol	mg/kg						.629	<	U	.629	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						1.22	<	U	1.22	-99					
3,3'-Dimethylbenzidine	mg/kg						1.22	<	U	1.22	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						.629	<	U	.629	-99					
4,6-Dinitro-2-methylphenol	mg/kg						1.22	<	U	1.22	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.629	<	U	.629	-99					
4-Chloro-3-methylphenol	mg/kg						.629	<	U	.629	-99					
4-Chloroaniline	mg/kg						.629	<	U	.629	-99					
4-Chlorophenyl phenyl ether	mg/kg						.629	<	U	.629	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSN-2					CL-GPSN-2					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-2 (2)					CL-GPSN-2(2)					CL-GPSN-3 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2,4,5-Trichlorophenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2,4,6-Trichlorophenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2,4-Dichlorophenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2,4-Dimethylphenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2,4-Dinitrophenol	mg/kg	1.61	<	U	1.61	-99						2.2	<	U	2.2	-99
2,4-Dinitrotoluene	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2,6-Dichlorophenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2,6-Dinitrotoluene	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2-Chloronaphthalene	mg/kg	.163	<	U	.163	-99						.223	<	U	.223	-99
2-Chlorophenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2-Methylnaphthalene	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2-Methylphenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2-Nitrophenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.805	<	U	.805	-99						1.1	<	U	1.1	-99
3,3'-Dimethylbenzidine	mg/kg	.805	<	U	.805	-99						1.1	<	U	1.1	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
4,6-Dinitro-2-methylphenol	mg/kg	.805	<	U	.805	-99						1.1	<	U	1.1	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
4-Chloro-3-methylphenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
4-Chloroaniline	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
4-Chlorophenyl phenyl ether	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(1)					CL-GPSN-3 (2)					CL-GPSN-3 (2) QC				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2,4,5-Trichlorophenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2,4,6-Trichlorophenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2,4-Dichlorophenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2,4-Dimethylphenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2,4-Dinitrophenol	mg/kg						1.69	<	U	1.69	-99	1.56	<	U	1.56	-99
2,4-Dinitrotoluene	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2,6-Dichlorophenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2,6-Dinitrotoluene	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2-Chloronaphthalene	mg/kg						.172	<	U	.172	-99	.158	<	U	.158	-99
2-Chlorophenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2-Methylnaphthalene	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2-Methylphenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2-Nitrophenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.845	<	U	.845	-99	.779	<	U	.779	-99
3,3'-Dimethylbenzidine	mg/kg						.845	<	U	.845	-99	.779	<	U	.779	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
4,6-Dinitro-2-methylphenol	mg/kg						.845	<	U	.845	-99	.779	<	U	.779	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
4-Chloro-3-methylphenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
4-Chloroaniline	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
4-Chlorophenyl phenyl ether	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(2)					CL-GPSN-3(2) QC					CL-GPSN-4 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg											.945	<	U	.945	-99
2,4,5-Trichlorophenol	mg/kg											.945	<	U	.945	-99
2,4,6-Trichlorophenol	mg/kg											.945	<	U	.945	-99
2,4-Dichlorophenol	mg/kg											.945	<	U	.945	-99
2,4-Dimethylphenol	mg/kg											.945	<	U	.945	-99
2,4-Dinitrophenol	mg/kg											3.67	<	U	3.67	-99
2,4-Dinitrotoluene	mg/kg											.945	<	U	.945	-99
2,6-Dichlorophenol	mg/kg											.945	<	U	.945	-99
2,6-Dinitrotoluene	mg/kg											.945	<	U	.945	-99
2-Chloronaphthalene	mg/kg											.373	<	U	.373	-99
2-Chlorophenol	mg/kg											.945	<	U	.945	-99
2-Methylnaphthalene	mg/kg											.945	<	U	.945	-99
2-Methylphenol	mg/kg											.945	<	U	.945	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg											.945	<	U	.945	-99
2-Nitrophenol	mg/kg											.945	<	U	.945	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg											1.83	<	U	1.83	-99
3,3'-Dimethylbenzidine	mg/kg											1.83	<	U	1.83	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg											.945	<	U	.945	-99
4,6-Dinitro-2-methylphenol	mg/kg											1.83	<	U	1.83	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg											.945	<	U	.945	-99
4-Chloro-3-methylphenol	mg/kg											.945	<	U	.945	-99
4-Chloroaniline	mg/kg											.945	<	U	.945	-99
4-Chlorophenyl phenyl ether	mg/kg											.945	<	U	.945	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-4					CL-GPSN-4					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-4(1)					CL-GPSN-4 (2)					CL-GPSN-4(2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg						.265	<	U	.265	-99					
2,4,5-Trichlorophenol	mg/kg						.265	<	U	.265	-99					
2,4,6-Trichlorophenol	mg/kg						.265	<	U	.265	-99					
2,4-Dichlorophenol	mg/kg						.265	<	U	.265	-99					
2,4-Dimethylphenol	mg/kg						.265	<	U	.265	-99					
2,4-Dinitrophenol	mg/kg						1.03	<	U	1.03	-99					
2,4-Dinitrotoluene	mg/kg						.265	<	U	.265	-99					
2,6-Dichlorophenol	mg/kg						.265	<	U	.265	-99					
2,6-Dinitrotoluene	mg/kg						.265	<	U	.265	-99					
2-Chloronaphthalene	mg/kg						.105	<	U	.105	-99					
2-Chlorophenol	mg/kg						.265	<	U	.265	-99					
2-Methylnaphthalene	mg/kg						.265	<	U	.265	-99					
2-Methylphenol	mg/kg						.265	<	U	.265	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						.265	<	U	.265	-99					
2-Nitrophenol	mg/kg						.265	<	U	.265	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.515	<	U	.515	-99					
3,3'-Dimethylbenzidine	mg/kg						.515	<	U	.515	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						.265	<	U	.265	-99					
4,6-Dinitro-2-methylphenol	mg/kg						.515	<	U	.515	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.265	<	U	.265	-99					
4-Chloro-3-methylphenol	mg/kg						.265	<	U	.265	-99					
4-Chloroaniline	mg/kg						.265	<	U	.265	-99					
4-Chlorophenyl phenyl ether	mg/kg						.265	<	U	.265	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-1					CL-GPSS-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1 (1)					CL-GPSS-1(1)					CL-GPSS-1 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2,4,5-Trichlorophenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2,4,6-Trichlorophenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2,4-Dichlorophenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2,4-Dimethylphenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2,4-Dinitrophenol	mg/kg	2.13	<	U	2.13	-99						.66	<	U	.66	-99
2,4-Dinitrotoluene	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2,6-Dichlorophenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2,6-Dinitrotoluene	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2-Chloronaphthalene	mg/kg	.216	<	U	.216	-99						.067	<	U	.067	-99
2-Chlorophenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2-Methylnaphthalene	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2-Methylphenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2-Nitrophenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	1.06	<	U	1.06	-99						.33	<	U	.33	-99
3,3'-Dimethylbenzidine	mg/kg	1.06	<	U	1.06	-99						.33	<	U	.33	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
4,6-Dinitro-2-methylphenol	mg/kg	1.06	<	U	1.06	-99						.33	<	U	.33	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
4-Chloro-3-methylphenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
4-Chloroaniline	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
4-Chlorophenyl phenyl ether	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1(2)					CL-GPSS-2 (1)					CL-GPSS-2 (1) QC				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2,4,5-Trichlorophenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2,4,6-Trichlorophenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2,4-Dichlorophenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2,4-Dimethylphenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2,4-Dinitrophenol	mg/kg						1.78	<	U	1.78	-99	2.2	<	U	2.2	-99
2,4-Dinitrotoluene	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2,6-Dichlorophenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2,6-Dinitrotoluene	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2-Chloronaphthalene	mg/kg						.181	<	U	.181	-99	.223	<	U	.223	-99
2-Chlorophenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2-Methylnaphthalene	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2-Methylphenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2-Nitrophenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.891	<	U	.891	-99	1.1	<	U	1.1	-99
3,3'-Dimethylbenzidine	mg/kg						.891	<	U	.891	-99	1.1	<	U	1.1	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
4,6-Dinitro-2-methylphenol	mg/kg						.891	<	U	.891	-99	1.1	<	U	1.1	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
4-Chloro-3-methylphenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
4-Chloroaniline	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
4-Chlorophenyl phenyl ether	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(1)					CL-GPSS-2(1)QC					CL-GPSS-2 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg											.34	<	U	.34	-99
2,4,5-Trichlorophenol	mg/kg											.34	<	U	.34	-99
2,4,6-Trichlorophenol	mg/kg											.34	<	U	.34	-99
2,4-Dichlorophenol	mg/kg											.34	<	U	.34	-99
2,4-Dimethylphenol	mg/kg											.34	<	U	.34	-99
2,4-Dinitrophenol	mg/kg											1.32	<	U	1.32	-99
2,4-Dinitrotoluene	mg/kg											.34	<	U	.34	-99
2,6-Dichlorophenol	mg/kg											.34	<	U	.34	-99
2,6-Dinitrotoluene	mg/kg											.34	<	U	.34	-99
2-Chloronaphthalene	mg/kg											.134	<	U	.134	-99
2-Chlorophenol	mg/kg											.34	<	U	.34	-99
2-Methylnaphthalene	mg/kg											.34	<	U	.34	-99
2-Methylphenol	mg/kg											.34	<	U	.34	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg											.34	<	U	.34	-99
2-Nitrophenol	mg/kg											.34	<	U	.34	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg											.66	<	U	.66	-99
3,3'-Dimethylbenzidine	mg/kg											.66	<	U	.66	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg											.34	<	U	.34	-99
4,6-Dinitro-2-methylphenol	mg/kg											.66	<	U	.66	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg											.34	<	U	.34	-99
4-Chloro-3-methylphenol	mg/kg											.34	<	U	.34	-99
4-Chloroaniline	mg/kg											.34	<	U	.34	-99
4-Chlorophenyl phenyl ether	mg/kg											.34	<	U	.34	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-3					CL-GPSS-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(2)					CL-GPSS-3 (1)					CL-GPSS-3(1)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg						.326	<	U	.326	-99					
2,4,5-Trichlorophenol	mg/kg						.326	<	U	.326	-99					
2,4,6-Trichlorophenol	mg/kg						.326	<	U	.326	-99					
2,4-Dichlorophenol	mg/kg						.326	<	U	.326	-99					
2,4-Dimethylphenol	mg/kg						.326	<	U	.326	-99					
2,4-Dinitrophenol	mg/kg						1.27	<	U	1.27	-99					
2,4-Dinitrotoluene	mg/kg						.326	<	U	.326	-99					
2,6-Dichlorophenol	mg/kg						.326	<	U	.326	-99					
2,6-Dinitrotoluene	mg/kg						.326	<	U	.326	-99					
2-Chloronaphthalene	mg/kg						.129	<	U	.129	-99					
2-Chlorophenol	mg/kg						.326	<	U	.326	-99					
2-Methylnaphthalene	mg/kg						.326	<	U	.326	-99					
2-Methylphenol	mg/kg						.326	<	U	.326	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						.326	<	U	.326	-99					
2-Nitrophenol	mg/kg						.326	<	U	.326	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.634	<	U	.634	-99					
3,3'-Dimethylbenzidine	mg/kg						.634	<	U	.634	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						.326	<	U	.326	-99					
4,6-Dinitro-2-methylphenol	mg/kg						.634	<	U	.634	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.326	<	U	.326	-99					
4-Chloro-3-methylphenol	mg/kg						.326	<	U	.326	-99					
4-Chloroaniline	mg/kg						.326	<	U	.326	-99					
4-Chlorophenyl phenyl ether	mg/kg						.326	<	U	.326	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-3					CL-GPSS-3					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-3 (2)					CL-GPSS-3(2)					CL-GPSS-4 (1)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2,4,5-Trichlorophenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2,4,6-Trichlorophenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2,4-Dichlorophenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2,4-Dimethylphenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2,4-Dinitrophenol	mg/kg	1	<	U	1	-99						1.37	<	U	1.37	-99
2,4-Dinitrotoluene	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2,6-Dichlorophenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2,6-Dinitrotoluene	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2-Chloronaphthalene	mg/kg	.102	<	U	.102	-99						.139	<	U	.139	-99
2-Chlorophenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2-Methylnaphthalene	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2-Methylphenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2-Nitrophenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.502	<	U	.502	-99						.686	<	U	.686	-99
3,3'-Dimethylbenzidine	mg/kg	.502	<	U	.502	-99						.686	<	U	.686	-99
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
4,6-Dinitro-2-methylphenol	mg/kg	.502	<	U	.502	-99						.686	<	U	.686	-99
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
4-Chloro-3-methylphenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
4-Chloroaniline	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
4-Chlorophenyl phenyl ether	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-4					CL-GPSS-4					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-4(1)					CL-GPSS-4 (2)					CL-GPSS-4(2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg															
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg						.17	<	U	.17	-99					
2,4,5-Trichlorophenol	mg/kg						.17	<	U	.17	-99					
2,4,6-Trichlorophenol	mg/kg						.17	<	U	.17	-99					
2,4-Dichlorophenol	mg/kg						.17	<	U	.17	-99					
2,4-Dimethylphenol	mg/kg						.17	<	U	.17	-99					
2,4-Dinitrophenol	mg/kg						.66	<	U	.66	-99					
2,4-Dinitrotoluene	mg/kg						.17	<	U	.17	-99					
2,6-Dichlorophenol	mg/kg						.17	<	U	.17	-99					
2,6-Dinitrotoluene	mg/kg						.17	<	U	.17	-99					
2-Chloronaphthalene	mg/kg						.067	<	U	.067	-99					
2-Chlorophenol	mg/kg						.17	<	U	.17	-99					
2-Methylnaphthalene	mg/kg						.17	<	U	.17	-99					
2-Methylphenol	mg/kg						.17	<	U	.17	-99					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						.17	<	U	.17	-99					
2-Nitrophenol	mg/kg						.17	<	U	.17	-99					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.33	<	U	.33	-99					
3,3'-Dimethylbenzidine	mg/kg						.33	<	U	.33	-99					
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						.17	<	U	.17	-99					
4,6-Dinitro-2-methylphenol	mg/kg						.33	<	U	.33	-99					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.17	<	U	.17	-99					
4-Chloro-3-methylphenol	mg/kg						.17	<	U	.17	-99					
4-Chloroaniline	mg/kg						.17	<	U	.17	-99					
4-Chlorophenyl phenyl ether	mg/kg						.17	<	U	.17	-99					

Exhibit 1

Summary of Validated Sediment Analytical Data

Goose Prairie Creek Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

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Location Code:

FWS-225

FWS-227

GPCSD01

Associated Site:

Goose Prairie Creek

Goose Prairie Creek

Goose Prairie Creek

Sample No:

CLNWR225

CLNWR227

GPCSD01-981118

Sample Date:

09-SEP-03

09-SEP-03

18-NOV-98

Sample Depth:

.0 - 0.5

.0 - 0.5

.0 - 0

User Test Group

Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
1-Chloronaphthalene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
1-Naphthylamine	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
2,3,4,6-Tetrachlorophenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
2,4,5-Trichlorophenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		1.6	<	U	1.6	1.6
2,4,6-Trichlorophenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
2,4-Dichlorophenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
2,4-Dimethylphenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
2,4-Dinitrophenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		1.6	<	U	1.6	1.6
2,4-Dinitrotoluene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
2,6-Dichlorophenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
2,6-Dinitrotoluene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
2-Chloronaphthalene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
2-Chlorophenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
2-Methylnaphthalene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
2-Methylphenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
2-Naphthylamine	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
2-Nitroaniline	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		1.6	<	U	1.6	1.6
2-Nitrophenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
2-Picoline	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
3,3'-Dichlorobenzidine	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
3-Nitroaniline	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		1.6	<	U	1.6	1.6
4,6-Dinitro-2-methylphenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		1.6	<	U	1.6	1.6
4-Aminobiphenyl	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
4-Bromophenyl phenyl ether	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
4-Chloro-3-methylphenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
4-Chloroaniline	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
4-Chlorophenyl phenyl ether	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63

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Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	GPCSD01					GPCSD02					GPCSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD01-981202					GPCSD02-981118					GPCSD02-981202				
	Sample Date:	02-DEC-98					18-NOV-98					02-DEC-98				
	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																
1,4-Dichlorobenzene	mg/kg						.51	<	U	.51	.51					
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg						1.3	<	U	1.3	1.3					
2,4,6-Trichlorophenol	mg/kg						.51	<	U	.51	.51					
2,4-Dichlorophenol	mg/kg						.51	<	U	.51	.51					
2,4-Dimethylphenol	mg/kg						.51	<	U	.51	.51					
2,4-Dinitrophenol	mg/kg						1.3	<	U	1.3	1.3					
2,4-Dinitrotoluene	mg/kg						.51	<	U	.51	.51					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg						.51	<	U	.51	.51					
2-Chloronaphthalene	mg/kg						.51	<	U	.51	.51					
2-Chlorophenol	mg/kg						.51	<	U	.51	.51					
2-Methylnaphthalene	mg/kg						.51	<	U	.51	.51					
2-Methylphenol	mg/kg						.51	<	U	.51	.51					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg						1.3	<	U	1.3	1.3					
2-Nitrophenol	mg/kg						.51	<	U	.51	.51					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg						.51	<	U	.51	.51					
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg						1.3	<	U	1.3	1.3					
4,6-Dinitro-2-methylphenol	mg/kg						1.3	<	U	1.3	1.3					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg						.51	<	U	.51	.51					
4-Chloro-3-methylphenol	mg/kg						.51	<	U	.51	.51					
4-Chloroaniline	mg/kg						.51	<	U	.51	.51					
4-Chlorophenyl phenyl ether	mg/kg						.51	<	U	.51	.51					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD03					GPCSD04					GPCSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD03					GPCSD04-981116					GPCSD04-981202				
	Sample Date:	17-NOV-98					16-NOV-98					02-DEC-98				
	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																
1,4-Dichlorobenzene	mg/kg	.42	<	U	.42	.42	.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	<	U	1	1	1.1	<	U	1.1	1.1					
2,4,6-Trichlorophenol	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
2,4-Dichlorophenol	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
2,4-Dimethylphenol	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
2,4-Dinitrophenol	mg/kg	1	<	U	1	1	1.1	<	U	1.1	1.1					
2,4-Dinitrotoluene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
2-Chloronaphthalene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
2-Chlorophenol	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
2-Methylnaphthalene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
2-Methylphenol	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1	<	U	1	1	1.1	<	U	1.1	1.1					
2-Nitrophenol	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1	<	U	1	1	1.1	<	U	1.1	1.1					
4,6-Dinitro-2-methylphenol	mg/kg	1	<	U	1	1	1.1	<	U	1.1	1.1					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
4-Chloro-3-methylphenol	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
4-Chloroaniline	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
4-Chlorophenyl phenyl ether	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	GPCSD05					GPCSD05					GPCSD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD05-981116					GPCSD05-981202					GPCSD06				
	Sample Date:	16-NOV-98					02-DEC-98					16-NOV-98				
	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																
1,4-Dichlorobenzene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
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						12	<	U	12	12
2,4,6-Trichlorophenol	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
2,4-Dichlorophenol	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
2,4-Dimethylphenol	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
2,4-Dinitrophenol	mg/kg	1.1	<	U	1.1	1.1						12	<	U	12	12
2,4-Dinitrotoluene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
2-Chloronaphthalene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
2-Chlorophenol	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
2-Methylnaphthalene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
2-Methylphenol	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.1	<	U	1.1	1.1						12	<	U	12	12
2-Nitrophenol	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.1	<	U	1.1	1.1						12	<	U	12	12
4,6-Dinitro-2-methylphenol	mg/kg	1.1	<	U	1.1	1.1						12	<	U	12	12
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
4-Chloro-3-methylphenol	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
4-Chloroaniline	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
4-Chlorophenyl phenyl ether	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6

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Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	GPCSD06					GPCSD07					GPCSD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD06QC					GPCSD07-981116					GPCSD07-981203				
	Sample Date:	16-NOV-98					16-NOV-98					03-DEC-98				
	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																
1,4-Dichlorobenzene	mg/kg	4.7	<	U	4.7	4.7	.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	12	<	U	12	12	1.1	<	U	1.1	1.1					
2,4,6-Trichlorophenol	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
2,4-Dichlorophenol	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
2,4-Dimethylphenol	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
2,4-Dinitrophenol	mg/kg	12	<	U	12	12	1.1	<	U	1.1	1.1					
2,4-Dinitrotoluene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
2-Chloronaphthalene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
2-Chlorophenol	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
2-Methylnaphthalene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
2-Methylphenol	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	12	<	U	12	12	1.1	<	U	1.1	1.1					
2-Nitrophenol	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	12	<	U	12	12	1.1	<	U	1.1	1.1					
4,6-Dinitro-2-methylphenol	mg/kg	12	<	U	12	12	1.1	<	U	1.1	1.1					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
4-Chloro-3-methylphenol	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
4-Chloroaniline	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
4-Chlorophenyl phenyl ether	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD08					GPCSD10					GPCSD10				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD08					GPCSD10-981111					GPCSD10-981203				
	Sample Date:	11-NOV-98					11-NOV-98					03-DEC-98				
	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																
1,4-Dichlorobenzene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
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	1.1	<	U	1.1	1.1					
2,4,6-Trichlorophenol	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
2,4-Dichlorophenol	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
2,4-Dimethylphenol	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
2,4-Dinitrophenol	mg/kg	1.1	<	U	1.1	1.1	1.1	<	U	1.1	1.1					
2,4-Dinitrotoluene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
2-Chloronaphthalene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
2-Chlorophenol	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
2-Methylnaphthalene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
2-Methylphenol	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.1	<	U	1.1	1.1	1.1	<	U	1.1	1.1					
2-Nitrophenol	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.1	<	U	1.1	1.1	1.1	<	U	1.1	1.1					
4,6-Dinitro-2-methylphenol	mg/kg	1.1	<	U	1.1	1.1	1.1	<	U	1.1	1.1					
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
4-Chloro-3-methylphenol	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
4-Chloroaniline	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
4-Chlorophenyl phenyl ether	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					

00052003

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-12

Goose Prairie Creek

GPS-12

04-SEP-97

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

00052004

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-4

Goose Prairie Creek

GPS-4

07-AUG-96

.0 - 0.5

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

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mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

 $m\sigma/k\sigma$
$$m\sigma/k\sigma$$

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	GPS-5					GPS-6					GPWSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-5					GPS-6					GPWSD01				
	Sample Date:	08-AUG-96					08-AUG-96					19-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg											.43	<	U	.43	.43
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											.43	<	U	.43	.43
2,4-Dichlorophenol	mg/kg											.43	<	U	.43	.43
2,4-Dimethylphenol	mg/kg											.43	<	U	.43	.43
2,4-Dinitrophenol	mg/kg											1.1	<	U	1.1	1.1
2,4-Dinitrotoluene	mg/kg											.43	<	U	.43	.43
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg											.43	<	U	.43	.43
2-Chloronaphthalene	mg/kg											.43	<	U	.43	.43
2-Chlorophenol	mg/kg											.43	<	U	.43	.43
2-Methylnaphthalene	mg/kg											.43	<	U	.43	.43
2-Methylphenol	mg/kg											.43	<	U	.43	.43
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg											1.1	<	U	1.1	1.1
2-Nitrophenol	mg/kg											.43	<	U	.43	.43
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg											.43	<	U	.43	.43
3,3'-Dimethylbenzidine	mg/kg															
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											.43	<	U	.43	.43
4-Chloro-3-methylphenol	mg/kg											.43	<	U	.43	.43
4-Chloroaniline	mg/kg											.43	<	U	.43	.43
4-Chlorophenyl phenyl ether	mg/kg											.43	<	U	.43	.43

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPWSD01					GPWSD02					GPWSD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPWSD01QC					GPWSD02-981201					GPWSD02-981202				
	Sample Date:		19-NOV-98					01-DEC-98					02-DEC-98				
	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																	
1,4-Dichlorobenzene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
1-Chloronaphthalene	mg/kg																
1-Naphthylamine	mg/kg																
2,3,4,6-Tetrachlorophenol	mg/kg																
2,4,5-Trichlorophenol	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6						
2,4,6-Trichlorophenol	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
2,4-Dichlorophenol	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
2,4-Dimethylphenol	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
2,4-Dinitrophenol	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6						
2,4-Dinitrotoluene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
2,6-Dichlorophenol	mg/kg																
2,6-Dinitrotoluene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
2-Chloronaphthalene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
2-Chlorophenol	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
2-Methylnaphthalene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
2-Methylphenol	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
2-Naphthylamine	mg/kg																
2-Nitroaniline	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6						
2-Nitrophenol	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
2-Picoline	mg/kg																
3,3'-Dichlorobenzidine	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
3,3'-Dimethylbenzidine	mg/kg																
3-Methylcholanthrene	mg/kg																
3-Nitroaniline	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6						
4,6-Dinitro-2-methylphenol	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6						
4-Aminobiphenyl	mg/kg																
4-Bromophenyl phenyl ether	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
4-Chloro-3-methylphenol	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
4-Chloroaniline	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
4-Chlorophenyl phenyl ether	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	GPWSD03					GPWSD03					GPWSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPWSD03-981201					GPWSD03-981202					GPWSD04-981120				
	Sample Date:	01-DEC-98					02-DEC-98					20-NOV-98				
	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																
1,4-Dichlorobenzene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	1.4	<	U	1.4	1.4						1.2	<	U	1.2	1.2
2,4,6-Trichlorophenol	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
2,4-Dichlorophenol	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
2,4-Dimethylphenol	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
2,4-Dinitrophenol	mg/kg	1.4	<	U	1.4	1.4						1.2	<	U	1.2	1.2
2,4-Dinitrotoluene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
2-Chloronaphthalene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
2-Chlorophenol	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
2-Methylnaphthalene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
2-Methylphenol	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	1.4	<	U	1.4	1.4						1.2	<	U	1.2	1.2
2-Nitrophenol	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	1.4	<	U	1.4	1.4						1.2	<	U	1.2	1.2
4,6-Dinitro-2-methylphenol	mg/kg	1.4	<	U	1.4	1.4						1.2	<	U	1.2	1.2
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
4-Chloro-3-methylphenol	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
4-Chloroaniline	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
4-Chlorophenyl phenyl ether	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Sample Date:	12-JAN-95					12-JAN-95					12-JAN-95				
	Sample Depth:	.0 -0.5					.0 -0.5					.0 -0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
1,4-Dichlorobenzene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
1-Chloronaphthalene	mg/kg															
1-Naphthylamine	mg/kg															
2,3,4,6-Tetrachlorophenol	mg/kg															
2,4,5-Trichlorophenol	mg/kg	2	<	U	2	2	2	<	U	2	2	2.1	<	U	2.1	2.1
2,4,6-Trichlorophenol	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
2,4-Dichlorophenol	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
2,4-Dimethylphenol	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
2,4-Dinitrophenol	mg/kg	2	<	U	2	2	2	<	U	2	2	2.1	<	U	2.1	2.1
2,4-Dinitrotoluene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
2,6-Dichlorophenol	mg/kg															
2,6-Dinitrotoluene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
2-Chloronaphthalene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
2-Chlorophenol	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
2-Methylnaphthalene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
2-Methylphenol	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
2-Naphthylamine	mg/kg															
2-Nitroaniline	mg/kg	2	<	U	2	2	2	<	U	2	2	2.1	<	U	2.1	2.1
2-Nitrophenol	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
2-Picoline	mg/kg															
3,3'-Dichlorobenzidine	mg/kg	.81	<	U	.81	.81	.8	<	U	.8	.8	.84	<	U	.84	.84
3,3'-Dimethylbenzidine	mg/kg															
3-Methylcholanthrene	mg/kg															
3-Nitroaniline	mg/kg	2	<	U	2	2	2	<	U	2	2	2.1	<	U	2.1	2.1
4,6-Dinitro-2-methylphenol	mg/kg	2	<	U	2	2	2	<	U	2	2	2.1	<	U	2.1	2.1
4-Aminobiphenyl	mg/kg															
4-Bromophenyl phenyl ether	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
4-Chloro-3-methylphenol	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
4-Chloroaniline	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
4-Chlorophenyl phenyl ether	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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Location Code: LHS-GPC-08
Associated Site: Goose Prairie Creek
Sample No: LHS-GPC-08
Sample Date: 12-JAN-95
Sample Depth: .0 - 0.5

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES						
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	2.2	<	U	2.2	2.2
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	2.2	<	U	2.2	2.2
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
2-Methylnaphthalene	mg/kg	.44	<	U	.44	.44
2-Methylphenol	mg/kg	.44	<	U	.44	.44
2-Naphthylamine	mg/kg					
2-Nitroaniline	mg/kg	2.2	<	U	2.2	2.2
2-Nitrophenol	mg/kg	.44	<	U	.44	.44
2-Picoline	mg/kg					
3,3'-Dichlorobenzidine	mg/kg	.87	<	U	.87	.87
3,3'-Dimethylbenzidine	mg/kg					
3-Methylcholanthrene	mg/kg					
3-Nitroaniline	mg/kg	2.2	<	U	2.2	2.2
4,6-Dinitro-2-methylphenol	mg/kg	2.2	<	U	2.2	2.2
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

00052010

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD12

Goose Prairie Creek

29SD12(0-0.5)

27-APR-93

.0 - 0.5

29SD13

Goose Prairie Creek

29SD13(0-0.5)

27-APR-93

.0 - 0.5

29SD13

Goose Prairie Creek

29SD13(0-0.5)QC

27-APR-93

.0 - 0.5

Sample Depth:

[illegible]

00052011

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[illegible]

00052013

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD31

Goose Prairie Creek

29SD31

07-OCT-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

.48 < U .48 .48

1.2 < U 1.2 1.2

1.2 < U 1.2 1.2

.48 < U .48 .48

.48 < U .48 .48

.48 < U .48 .48

.48 < U .48 .48

.24 < U .24 .24

.48 < U .48 .48

.48 < U .48 .48

.48 < U .48 .48

1.2 < U 1.2 1.2

1.2 < U 1.2 1.2

.48 < U .48 .48

.48 < U .48 .48

.48 < U .48 .48

.48 < U .48 .48

.48 < U .48 .48

.48 < U .48 .48

.48 < U .48 .48

00052014

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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[illegible]

00052015

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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<i>Location Code:</i>	32SD03	32SD04	32SD08
<i>Associated Site:</i>	Goose Prairie Creek	Goose Prairie Creek	Goose Prairie Creek
<i>Sample No.:</i>	32SD03(0.5)	32SD04(0.5)	32SD08(000.0)
<i>Sample Date:</i>	30-APR-93	30-APR-93	12-APR-95
<i>Sample Depth:</i>	.0 - 0.5	.0 - 0.5	.0 - 0

[illegible]

00052016

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD14

Goose Prairie Creek

32SD14(000.0)

19-FEB-95

.0 - 0

 $al - VO$

<u>RL</u>	<u>MDL</u>
0.00	0.00
0.01	0.01
0.02	0.02
0.03	0.03
0.04	0.04
0.05	0.05
0.06	0.06
0.07	0.07
0.08	0.08
0.09	0.09
0.10	0.10
0.11	0.11
0.12	0.12
0.13	0.13
0.14	0.14
0.15	0.15
0.16	0.16
0.17	0.17
0.18	0.18
0.19	0.19
0.20	0.20
0.21	0.21
0.22	0.22
0.23	0.23
0.24	0.24
0.25	0.25
0.26	0.26
0.27	0.27
0.28	0.28
0.29	0.29
0.30	0.30
0.31	0.31
0.32	0.32
0.33	0.33
0.34	0.34
0.35	0.35
0.36	0.36
0.37	0.37
0.38	0.38
0.39	0.39
0.40	0.40
0.41	0.41
0.42	0.42
0.43	0.43
0.44	0.44
0.45	0.45
0.46	0.46
0.47	0.47
0.48	0.48
0.49	0.49
0.50	0.50
0.51	0.51
0.52	0.52
0.53	0.53
0.54	0.54
0.55	0.55
0.56	0.56
0.57	0.57
0.58	0.58
0.59	0.59
0.60	0.60
0.61	0.61
0.62	0.62
0.63	0.63
0.64	0.64
0.65	0.65
0.66	0.66
0.67	0.67
0.68	0.68
0.69	0.69
0.70	0.70
0.71	0.71
0.72	0.72
0.73	0.73
0.74	0.74
0.75	0.75
0.76	0.76
0.77	0.77
0.78	0.78
0.79	0.79
0.80	0.80
0.81	0.81
0.82	0.82
0.83	0.83
0.84	0.84
0.85	0.85
0.86	0.86
0.87	0.87
0.88	0.88
0.89	0.89
0.90	0.90
0.91	0.91
0.92	0.92
0.93	0.93
0.94	0.94
0.95	0.95
0.96	0.96
0.97	0.97
0.98	0.98
0.99	0.99
1.00	1.00

4-Methylphenol
4-Nitroaniline
4-Nitrophenol
7,12-Dimethylbenz(a)-anthracene
Acenaphthene
Acenaphthylene
Acentophenone
Acetophenone
Aniline
Anthracene
Benzidine
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(ghi)perylene
Benzo(k)fluoranthene
Benzoic Acid
Benzyl Alcohol
Butyl benzyl phthalate
CHLOROBENZILATE
Carbazole
Chrysene
Dibenz(a,j)acridine
Dibenzo(a,h)anthracene
Dibenzofuran
Diethyl phthalate
Dimethoate
Dimethyl phthalate
Diphenylamine
Disulfoton

00052018

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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35ASD02

Goose Prairie Creek

35ASD02-981109

09-NOV-98

.0 - 0

 $gl = VO$ [illegible]

00052019

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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46SD03

Goose Prairie Creek

46SD03-981203

03-DEC-98

.0 - 0

$$-1 - \frac{1}{\sqrt{2}}$$
[illegible]

00052020

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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46SD07

Goose Prairie Creek

46SD07-981110

10-NOV-98

.0 - 0

and VC

[illegible]

00052021

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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46SD08

Goose Prairie Creek

46SD08-981203

03-DEC-98

.0 - 0

and V_C

[illegible]

00052022

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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50SD02

Goose Prairie Creek

LH50SD02(0-1)

29-NOV-95

.0 - 1

Units

[illegible]

00052023

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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50SD05

Goose Prairie Creek

50SD05-981111

11-NOV-98

.0 - 0

Units

[illegible]

00052024

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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50SD06

Goose Prairie Creek

50SD06-981111

11-NOV-98

.0 - 0

1. *YC*[illegible]

00052025

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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50SD08

Goose Prairie Creek

50SD08-981111

11-NOV-98

.0 - 0

 $7l \quad VO$ [illegible]

00052026

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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60SD02

Goose Prairie Creek

60SD02QC

10-NOV-98

.0 - 0

MDL

4-Methylphenol
4-Nitroaniline
4-Nitrophenol
7,12-Dimethylbenz(a)-anthracene
Acenaphthene
Acenaphthylene
Acentophenone
Acetophenone
Aniline
Anthracene
Benzidine
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(ghi)perylene
Benzo(k)fluoranthene
Benzoic Acid
Benzyl Alcohol
Butyl benzyl phthalate
CHLOROBENZILATE
Carbazole
Chrysene
Dibenz(a,j)acridine
Dibenzo(a,h)anthracene
Dibenzofuran
Diethyl phthalate
Dimethoate
Dimethyl phthalate
Diphenylamine
Disulfoton

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
4-Methylphenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
4-Nitroaniline	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
4-Nitrophenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Aniline	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Anthracene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Benzo(a)pyrene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Benzo(b)fluoranthene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Benzo(ghi)perylene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Benzo(k)fluoranthene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Butyl benzyl phthalate	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
CHLOROBENZILATE	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Dibenzofuran	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Diethyl phthalate	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Dimethoate	mg/kg	.156	<	U	.156	-99						.0835	<	U	.0835	-99
Dimethyl phthalate	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Diphenylamine	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Disulfoton	mg/kg	.156	<	U	.156	-99						.0835	<	U	.0835	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-2					CL-GPSN-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1(2)					CL-GPSN-2 (1)					CL-GPSN-2(1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	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																
4-Methylphenol	mg/kg						.629	<	U	.629	-99					
4-Nitroaniline	mg/kg						.629	<	U	.629	-99					
4-Nitrophenol	mg/kg						.629	<	U	.629	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg						.248	<	U	.248	-99					
Acentophenone	mg/kg															
Acetophenone	mg/kg						.629	<	U	.629	-99					
Aniline	mg/kg						.629	<	U	.629	-99					
Anthracene	mg/kg						.248	<	U	.248	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.248	<	U	.248	-99					
Benzo(a)pyrene	mg/kg						.248	<	U	.248	-99					
Benzo(b)fluoranthene	mg/kg						.248	<	U	.248	-99					
Benzo(ghi)perylene	mg/kg						.248	<	U	.248	-99					
Benzo(k)fluoranthene	mg/kg						.248	<	U	.248	-99					
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg						.629	<	U	.629	-99					
Butyl benzyl phthalate	mg/kg						.629	<	U	.629	-99					
CHLOROBENZILATE	mg/kg						.629	<	U	.629	-99					
Carbazole	mg/kg															
Chrysene	mg/kg						.248	<	U	.248	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.248	<	U	.248	-99					
Dibenzofuran	mg/kg						.629	<	U	.629	-99					
Diethyl phthalate	mg/kg						.629	<	U	.629	-99					
Dimethoate	mg/kg						.185	<	U	.185	-99					
Dimethyl phthalate	mg/kg						.629	<	U	.629	-99					
Diphenylamine	mg/kg						.629	<	U	.629	-99					
Disulfoton	mg/kg						.185	<	U	.185	-99					

Exhibit 1

Summary of Validated Sediment Analytical Data

Goose Prairie Creek Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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Location Code:

CL-GPSN-2

CL-GPSN-2

CL-GPSN-3

Associated Site:

Goose Prairie Creek

Goose Prairie Creek

Goose Prairie Creek

Sample No:

CL-GPSN-2 (2)

CL-GPSN-2(2)

CL-GPSN-3 (1)

Sample Date:

10-AUG-00

10-AUG-00

10-AUG-00

Sample Depth:

.5 - 1

.5 - 1

.0 - 0.5

User Test Group

Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
4-Methylphenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
4-Nitroaniline	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
4-Nitrophenol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg	.163	<	U	.163	-99						.223	<	U	.223	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
Aniline	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
Anthracene	mg/kg	.163	<	U	.163	-99						.223	<	U	.223	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.163	<	U	.163	-99						.223	<	U	.223	-99
Benzo(a)pyrene	mg/kg	.163	<	U	.163	-99						.223	<	U	.223	-99
Benzo(b)fluoranthene	mg/kg	.163	<	U	.163	-99						.223	<	U	.223	-99
Benzo(ghi)perylene	mg/kg	.163	<	U	.163	-99						.223	<	U	.223	-99
Benzo(k)fluoranthene	mg/kg	.163	<	U	.163	-99						.223	<	U	.223	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
Butyl benzyl phthalate	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
CHLOROBENZILATE	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.163	<	U	.163	-99						.223	<	U	.223	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.163	<	U	.163	-99						.223	<	U	.223	-99
Dibenzofuran	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
Diethyl phthalate	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
Dimethoate	mg/kg	.122	<	U	.122	-99						.167	<	U	.167	-99
Dimethyl phthalate	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
Diphenylamine	mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
Disulfoton	mg/kg	.122	<	U	.122	-99						.167	<	U	.167	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(1)					CL-GPSN-3 (2)					CL-GPSN-3 (2) QC				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
4-Methylphenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
4-Nitroaniline	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
4-Nitrophenol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg						.172	<	U	.172	-99	.158	<	U	.158	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
Aniline	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
Anthracene	mg/kg						.172	<	U	.172	-99	.158	<	U	.158	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.172	<	U	.172	-99	.158	<	U	.158	-99
Benzo(a)pyrene	mg/kg						.172	<	U	.172	-99	.158	<	U	.158	-99
Benzo(b)fluoranthene	mg/kg						.172	<	U	.172	-99	.158	<	U	.158	-99
Benzo(ghi)perylene	mg/kg						.172	<	U	.172	-99	.158	<	U	.158	-99
Benzo(k)fluoranthene	mg/kg						.172	<	U	.172	-99	.158	<	U	.158	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
Butyl benzyl phthalate	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
CHLOROBENZILATE	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
Carbazole	mg/kg															
Chrysene	mg/kg						.172	<	U	.172	-99	.158	<	U	.158	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.172	<	U	.172	-99	.158	<	U	.158	-99
Dibenzofuran	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
Diethyl phthalate	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
Dimethoate	mg/kg						.128	<	U	.128	-99	.118	<	U	.118	-99
Dimethyl phthalate	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
Diphenylamine	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
Disulfoton	mg/kg						.128	<	U	.128	-99	.118	<	U	.118	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(2)					CL-GPSN-3(2) QC					CL-GPSN-4 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
4-Methylphenol	mg/kg											.945	<	U	.945	-99
4-Nitroaniline	mg/kg											.945	<	U	.945	-99
4-Nitrophenol	mg/kg											.945	<	U	.945	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg											.373	<	U	.373	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg											.945	<	U	.945	-99
Aniline	mg/kg											.945	<	U	.945	-99
Anthracene	mg/kg											.373	<	U	.373	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg											.373	<	U	.373	-99
Benzo(a)pyrene	mg/kg											.373	<	U	.373	-99
Benzo(b)fluoranthene	mg/kg											.373	<	U	.373	-99
Benzo(ghi)perylene	mg/kg											.373	<	U	.373	-99
Benzo(k)fluoranthene	mg/kg											.373	<	U	.373	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg											.945	<	U	.945	-99
Butyl benzyl phthalate	mg/kg											.945	<	U	.945	-99
CHLOROBENZILATE	mg/kg											.945	<	U	.945	-99
Carbazole	mg/kg															
Chrysene	mg/kg											.373	<	U	.373	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg											.373	<	U	.373	-99
Dibenzofuran	mg/kg											.945	<	U	.945	-99
Diethyl phthalate	mg/kg											.945	<	U	.945	-99
Dimethoate	mg/kg											.278	<	U	.278	-99
Dimethyl phthalate	mg/kg											.945	<	U	.945	-99
Diphenylamine	mg/kg											.945	<	U	.945	-99
Disulfoton	mg/kg											.278	<	U	.278	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-4					CL-GPSN-4					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-4(1)					CL-GPSN-4 (2)					CL-GPSN-4(2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
4-Methylphenol	mg/kg						.265	<	U	.265	-99					
4-Nitroaniline	mg/kg						.265	<	U	.265	-99					
4-Nitrophenol	mg/kg						.265	<	U	.265	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg						.105	<	U	.105	-99					
Acentophenone	mg/kg															
Acetophenone	mg/kg						.265	<	U	.265	-99					
Aniline	mg/kg						.265	<	U	.265	-99					
Anthracene	mg/kg						.105	<	U	.105	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.105	<	U	.105	-99					
Benzo(a)pyrene	mg/kg						.105	<	U	.105	-99					
Benzo(b)fluoranthene	mg/kg						.105	<	U	.105	-99					
Benzo(ghi)perylene	mg/kg						.105	<	U	.105	-99					
Benzo(k)fluoranthene	mg/kg						.105	<	U	.105	-99					
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg						.265	<	U	.265	-99					
Butyl benzyl phthalate	mg/kg						.265	<	U	.265	-99					
CHLOROBENZILATE	mg/kg						.265	<	U	.265	-99					
Carbazole	mg/kg															
Chrysene	mg/kg						.105	<	U	.105	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.105	<	U	.105	-99					
Dibenzofuran	mg/kg						.265	<	U	.265	-99					
Diethyl phthalate	mg/kg						.265	<	U	.265	-99					
Dimethoate	mg/kg						.078	<	U	.078	-99					
Dimethyl phthalate	mg/kg						.265	<	U	.265	-99					
Diphenylamine	mg/kg						.265	<	U	.265	-99					
Disulfoton	mg/kg						.078	<	U	.078	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-1					CL-GPSS-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1 (1)					CL-GPSS-1(1)					CL-GPSS-1 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
4-Methylphenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
4-Nitroaniline	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
4-Nitrophenol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg	.216	<	U	.216	-99						.067	<	U	.067	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
Aniline	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
Anthracene	mg/kg	.216	<	U	.216	-99						.067	<	U	.067	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.216	<	U	.216	-99						.067	<	U	.067	-99
Benzo(a)pyrene	mg/kg	.216	<	U	.216	-99						.067	<	U	.067	-99
Benzo(b)fluoranthene	mg/kg	.216	<	U	.216	-99						.067	<	U	.067	-99
Benzo(ghi)perylene	mg/kg	.216	<	U	.216	-99						.067	<	U	.067	-99
Benzo(k)fluoranthene	mg/kg	.216	<	U	.216	-99						.067	<	U	.067	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
Butyl benzyl phthalate	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
CHLOROBENZILATE	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.216	<	U	.216	-99						.067	<	U	.067	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.216	<	U	.216	-99						.067	<	U	.067	-99
Dibenzofuran	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
Diethyl phthalate	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
Dimethoate	mg/kg	.162	<	U	.162	-99						.05	<	U	.05	-99
Dimethyl phthalate	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
Diphenylamine	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
Disulfoton	mg/kg	.162	<	U	.162	-99						.05	<	U	.05	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1(2)					CL-GPSS-2 (1)					CL-GPSS-2 (1) QC				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
4-Methylphenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
4-Nitroaniline	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
4-Nitrophenol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg						.181	<	U	.181	-99	.223	<	U	.223	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
Aniline	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
Anthracene	mg/kg						.181	<	U	.181	-99	.223	<	U	.223	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.181	<	U	.181	-99	.223	<	U	.223	-99
Benzo(a)pyrene	mg/kg						.181	<	U	.181	-99	.223	<	U	.223	-99
Benzo(b)fluoranthene	mg/kg						.181	<	U	.181	-99	.223	<	U	.223	-99
Benzo(ghi)perylene	mg/kg						.181	<	U	.181	-99	.223	<	U	.223	-99
Benzo(k)fluoranthene	mg/kg						.181	<	U	.181	-99	.223	<	U	.223	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
Butyl benzyl phthalate	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
CHLOROBENZILATE	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
Carbazole	mg/kg															
Chrysene	mg/kg						.181	<	U	.181	-99	.223	<	U	.223	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.181	<	U	.181	-99	.223	<	U	.223	-99
Dibenzofuran	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
Diethyl phthalate	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
Dimethoate	mg/kg						.135	<	U	.135	-99	.167	<	U	.167	-99
Dimethyl phthalate	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
Diphenylamine	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
Disulfoton	mg/kg						.135	<	U	.135	-99	.167	<	U	.167	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(1)					CL-GPSS-2(1)QC					CL-GPSS-2 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
4-Methylphenol	mg/kg											.34	<	U	.34	-99
4-Nitroaniline	mg/kg											.34	<	U	.34	-99
4-Nitrophenol	mg/kg											.34	<	U	.34	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg											.134	<	U	.134	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg											.34	<	U	.34	-99
Aniline	mg/kg											.34	<	U	.34	-99
Anthracene	mg/kg											.134	<	U	.134	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg											.134	<	U	.134	-99
Benzo(a)pyrene	mg/kg											.134	<	U	.134	-99
Benzo(b)fluoranthene	mg/kg											.134	<	U	.134	-99
Benzo(ghi)perylene	mg/kg											.134	<	U	.134	-99
Benzo(k)fluoranthene	mg/kg											.134	<	U	.134	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg											.34	<	U	.34	-99
Butyl benzyl phthalate	mg/kg											.34	<	U	.34	-99
CHLOROBENZILATE	mg/kg											.34	<	U	.34	-99
Carbazole	mg/kg															
Chrysene	mg/kg											.134	<	U	.134	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg											.134	<	U	.134	-99
Dibenzofuran	mg/kg											.34	<	U	.34	-99
Diethyl phthalate	mg/kg											.34	<	U	.34	-99
Dimethoate	mg/kg											.1	<	U	.1	-99
Dimethyl phthalate	mg/kg											.34	<	U	.34	-99
Diphenylamine	mg/kg											.34	<	U	.34	-99
Disulfoton	mg/kg											.1	<	U	.1	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-3					CL-GPSS-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(2)					CL-GPSS-3 (1)					CL-GPSS-3(1)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
4-Methylphenol	mg/kg						.326	<	U	.326	-99					
4-Nitroaniline	mg/kg						.326	<	U	.326	-99					
4-Nitrophenol	mg/kg						.326	<	U	.326	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg						.129	<	U	.129	-99					
Acentophenone	mg/kg															
Acetophenone	mg/kg						.326	<	U	.326	-99					
Aniline	mg/kg						.326	<	U	.326	-99					
Anthracene	mg/kg						.129	<	U	.129	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.129	<	U	.129	-99					
Benzo(a)pyrene	mg/kg						.129	<	U	.129	-99					
Benzo(b)fluoranthene	mg/kg						.129	<	U	.129	-99					
Benzo(ghi)perylene	mg/kg						.129	<	U	.129	-99					
Benzo(k)fluoranthene	mg/kg						.129	<	U	.129	-99					
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg						.326	<	U	.326	-99					
Butyl benzyl phthalate	mg/kg						.326	<	U	.326	-99					
CHLOROBENZILATE	mg/kg						.326	<	U	.326	-99					
Carbazole	mg/kg															
Chrysene	mg/kg						.129	<	U	.129	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.129	<	U	.129	-99					
Dibenzofuran	mg/kg						.326	<	U	.326	-99					
Diethyl phthalate	mg/kg						.326	<	U	.326	-99					
Dimethoate	mg/kg						.096	<	U	.096	-99					
Dimethyl phthalate	mg/kg						.326	<	U	.326	-99					
Diphenylamine	mg/kg						.326	<	U	.326	-99					
Disulfoton	mg/kg						.096	<	U	.096	-99					

Exhibit 1

Summary of Validated Sediment Analytical Data

Goose Prairie Creek Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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Location Code:

CL-GPSS-3

CL-GPSS-3

CL-GPSS-4

Associated Site:

Goose Prairie Creek

Goose Prairie Creek

Goose Prairie Creek

Sample No:

CL-GPSS-3 (2)

CL-GPSS-3(2)

CL-GPSS-4 (1)

Sample Date:

09-AUG-00

09-AUG-00

09-AUG-00

Sample Depth:

.5 - 1

.5 - 1

.0 - 0.5

User Test Group

Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
4-Methylphenol	mg/kg	.258	<	U	.258	-99						.0832		J	.17	-99
4-Nitroaniline	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
4-Nitrophenol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg	.102	<	U	.102	-99						.0943		J	.067	-99
Acentophenone	mg/kg															
Acetophenone	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
Aniline	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
Anthracene	mg/kg	.102	<	U	.102	-99						1.44			.067	-99
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.102	<	U	.102	-99						2.98			.067	-99
Benzo(a)pyrene	mg/kg	.102	<	U	.102	-99						2.59			.067	-99
Benzo(b)fluoranthene	mg/kg	.102	<	U	.102	-99						3.02			.067	-99
Benzo(ghi)perylene	mg/kg	.102	<	U	.102	-99						2.72			.067	-99
Benzo(k)fluoranthene	mg/kg	.102	<	U	.102	-99						1.09			.067	-99
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
Butyl benzyl phthalate	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
CHLOROBENZILATE	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
Carbazole	mg/kg															
Chrysene	mg/kg	.102	<	U	.102	-99						2.87			.223	-99
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.102	<	U	.102	-99						.885			.067	-99
Dibenzofuran	mg/kg	.258	<	U	.258	-99						.0781		J	.17	-99
Diethyl phthalate	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
Dimethoate	mg/kg	.076	<	U	.076	-99						.104	<	U	.104	-99
Dimethyl phthalate	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
Diphenylamine	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
Disulfoton	mg/kg	.076	<	U	.076	-99						.104	<	U	.104	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-4					CL-GPSS-4					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-4(1)					CL-GPSS-4 (2)					CL-GPSS-4(2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
4-Methylphenol	mg/kg						.17	<	U	.17	-99					
4-Nitroaniline	mg/kg						.17	<	U	.17	-99					
4-Nitrophenol	mg/kg						.17	<	U	.17	-99					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg															
Acenaphthylene	mg/kg						.067	<	U	.067	-99					
Acentophenone	mg/kg															
Acetophenone	mg/kg						.17	<	U	.17	-99					
Aniline	mg/kg						.17	<	U	.17	-99					
Anthracene	mg/kg						.067	<	U	.067	-99					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg						.067	<	U	.067	-99					
Benzo(a)pyrene	mg/kg						.067	<	U	.067	-99					
Benzo(b)fluoranthene	mg/kg						.067	<	U	.067	-99					
Benzo(ghi)perylene	mg/kg						.067	<	U	.067	-99					
Benzo(k)fluoranthene	mg/kg						.067	<	U	.067	-99					
Benzoic Acid	mg/kg															
Benzyl Alcohol	mg/kg						.17	<	U	.17	-99					
Butyl benzyl phthalate	mg/kg						.17	<	U	.17	-99					
CHLOROBENZILATE	mg/kg						.17	<	U	.17	-99					
Carbazole	mg/kg															
Chrysene	mg/kg						.067	<	U	.067	-99					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg						.067	<	U	.067	-99					
Dibenzofuran	mg/kg						.17	<	U	.17	-99					
Diethyl phthalate	mg/kg						.17	<	U	.17	-99					
Dimethoate	mg/kg						.05	<	U	.05	-99					
Dimethyl phthalate	mg/kg						.17	<	U	.17	-99					
Diphenylamine	mg/kg						.17	<	U	.17	-99					
Disulfoton	mg/kg						.05	<	U	.05	-99					

00052039

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD01

Goose Prairie Creek

GPCSD01-981118

18-NOV-98

.0 - 0

[illegible]

00052041

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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	Location Code:	GPCSD03					GPCSD04					GPCSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD03					GPCSD04-981116					GPCSD04-981202				
	Sample Date:	17-NOV-98					16-NOV-98					02-DEC-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																
4-Methylphenol	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
4-Nitroaniline	mg/kg	1	<	U	1	1	1.1	<	U	1.1	1.1					
4-Nitrophenol	mg/kg	1	<	U	1	1	1.1	<	U	1.1	1.1					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Acenaphthylene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Benzo(a)pyrene	mg/kg	.21	<	U	.21	.21	.22	<	U	.22	.22					
Benzo(b)fluoranthene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Benzo(ghi)perylene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Benzo(k)fluoranthene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Benzoic Acid	mg/kg	1	<	U	1	1	1.1	<	U	1.1	1.1					
Benzyl Alcohol	mg/kg	1	<	U	1	1	1.1	<	U	1.1	1.1					
Butyl benzyl phthalate	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
CHLOROBENZILATE	mg/kg															
Carbazole	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Chrysene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Dibenzofuran	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Diethyl phthalate	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Diphenylamine	mg/kg															
Disulfoton	mg/kg															

00052042

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD06

Goose Prairie Creek

GPCSD06

16-NOV-98

.0 - 0

 $gl(VO)$ [illegible]

00052043

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD07

Goose Prairie Creek

GPCSD07-981203

03-DEC-98

.0 - 0

<i>Result</i>	<i>Qual</i>	<i>VO</i>	<i>RL</i>	<i>MDL</i>

<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

$$1.1 < U < 1.1$$

.44 < U .44 .44

.44 < U .44 .44

.44 < U .44 .44

44 < U 44 44

44 < II 44 44

$$11 \leq II \leq 11$$

44 < II 44 44

44	44	44	44	44

iii. $\frac{1}{2} \leq \alpha \leq 1$ and $\frac{1}{2} \leq \beta \leq 1$.

00052045

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-12

Goose Prairie Creek

GPS-12

04-SEP-97

.0 - 0

<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

Butyl benzyl phthalate	mg/kg
CHLOROBENZHATE	mg/kg

Diphenylamine	mg/kg
0	0
10	10
20	20
30	30
40	40
50	50
60	60
70	70
80	80
90	90
100	100

Disulfoton mg/kg

00052046

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-4

Goose Prairie Creek

GPS-4

07-AUG-96

.0 - 0.5

<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>

CHLOROBENZILATE mg/kg

Disulfoton mg/kg

00052047

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPWSD01

Goose Prairie Creek

GPWSD01

19-NOV-98

.0 - 0

[illegible]

00052048

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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		Location Code: GPWSD01					GPWSD02					GPWSD02				
		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
		GPWSD01QC					GPWSD02-981201					GPWSD02-981202				
		19-NOV-98					01-DEC-98					02-DEC-98				
		.0 - 0					.0 - 0					.0 - 0				
User Test Group	Sample Depth:															
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
4-Methylphenol	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
4-Nitroaniline	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6					
4-Nitrophenol	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6					
7,12-Dimethylbenz(a)-anthracene	mg/kg															
Acenaphthene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Acenaphthylene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Acentophenone	mg/kg															
Acetophenone	mg/kg															
Aniline	mg/kg															
Anthracene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Benzidine	mg/kg															
Benzo(a)anthracene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Benzo(a)pyrene	mg/kg	.29	<	U	.29	.29	.32	<	U	.32	.32					
Benzo(b)fluoranthene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Benzo(ghi)perylene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Benzo(k)fluoranthene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Benzoic Acid	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6					
Benzyl Alcohol	mg/kg	1.4	<	U	1.4	1.4	1.6	<	U	1.6	1.6					
Butyl benzyl phthalate	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
CHLOROBENZILATE	mg/kg															
Carbazole	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Chrysene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Dibenz(a,j)acridine	mg/kg															
Dibenzo(a,h)anthracene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Dibenzofuran	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Diethyl phthalate	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Dimethoate	mg/kg															
Dimethyl phthalate	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
Diphenylamine	mg/kg															
Disulfoton	mg/kg															

00052049

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPWSD04

Goose Prairie Creek

GPWSD04-981120

20-NOV-98

.0 - 0

 $7l \quad VO$ [illegible]

00052050

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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[illegible]

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Page: 294 of 504

Location Code: LHS-GPC-08
Associated Site: Goose Prairie Creek
Sample No: LHS-GPC-08
Sample Date: 12-JAN-95
Sample Depth: .0 - 0.5

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES						
4-Methylphenol	mg/kg	.44	<	U	.44	.44
4-Nitroaniline	mg/kg	2.2	<	U	2.2	2.2
4-Nitrophenol	mg/kg	2.2	<	U	2.2	2.2
7,12-Dimethylbenz(a)-anthracene	mg/kg					
Acenaphthene	mg/kg	.44	<	U	.44	.44
Acenaphthylene	mg/kg	.44	<	U	.44	.44
Acentophenone	mg/kg					
Acetophenone	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	.44	<	U	.44	.44
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
Benzoic Acid	mg/kg	2.2	<	U	2.2	2.2
Benzyl Alcohol	mg/kg	.44	<	U	.44	.44
Butyl benzyl phthalate	mg/kg	.44	<	U	.44	.44
CHLOROBENZILATE	mg/kg					
Carbazole	mg/kg					
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
Dimethoate	mg/kg					
Dimethyl phthalate	mg/kg	.44	<	U	.44	.44
Diphenylamine	mg/kg					
Disulfoton	mg/kg					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD12					29SD13					29SD13				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD12(0-0.5)					29SD13(0-0.5)					29SD13(0-0.5)QC				
	Sample Date:	27-APR-93					27-APR-93					27-APR-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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Fluorene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Hexachlorobenzene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Hexachlorobutadiene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Hexachlorocyclopentadiene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Hexachloroethane	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Isophorone	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Nitrobenzene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	2.388	<	U	2.388	-99	3.019	<	U	3.019	-99	2.5	<	U	2.5	-99
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Phenol	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
bis(2-Chloroethyl)ether	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99
bis(2-Chloroisopropyl)ether	mg/kg	.493	<	U	.493	-99	.623	<	U	.623	-99	.516	<	U	.516	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		29SD14					29SD15					29SD16				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		29SD14(0.5)					29SD15(0-0.5)					29SD16(0-0.5)				
	Sample Date:		30-APR-93					27-APR-93					27-APR-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																	
Ethyl methanesulfonate	mg/kg																
Famphur	mg/kg																
Fluoranthene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Fluorene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Hexachlorobenzene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Hexachlorobutadiene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Hexachlorocyclopentadiene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Hexachloroethane	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Indeno(1,2,3-cd)pyrene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Isophorone	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Methyl methanesulfonate	mg/kg																
Methyl parathion	mg/kg																
N-nitrosopiperidine	mg/kg																
Naphthalene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Nitrobenzene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Parathion	mg/kg																
Pentachlorobenzene	mg/kg																
Pentachloronitrobenzene	mg/kg																
Pentachlorophenol	mg/kg	2.353	<	U	2.353	-99	2.105	<	U	2.105	-99	2.254	<	U	2.254	-99	
Phenacetin	mg/kg																
Phenanthrene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Phenol	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Phorate	mg/kg																
Pronamide	mg/kg																
Pyrene	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
Pyridine	mg/kg																
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
bis(2-Chloroethyl)ether	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	
bis(2-Chloroisopropyl)ether	mg/kg	.485	<	U	.485	-99	.434	<	U	.434	-99	.465	<	U	.465	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	29SD17					29SD22					29SD27				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD17(0.5)					29SD22					29SD27				
	Sample Date:	30-APR-93					07-OCT-98					08-OCT-98				
	Sample Depth:	.0 - 0.5					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Fluorene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Hexachlorobenzene	mg/kg	.524	<	U	.524	-99						2.2	<	U	2.2	2.2
Hexachlorobutadiene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Hexachlorocyclopentadiene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Hexachloroethane	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Indeno(1,2,3-cd)pyrene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Isophorone	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Nitrobenzene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	2.54	<	U	2.54	-99						2.2	<	U	2.2	2.2
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Phenol	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
bis(2-Chloroethyl)ether	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
bis(2-Chloroisopropyl)ether	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
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User Test Group	Location Code:	29SD29					29SD30					29SD31				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD29					29SD30					29SD31				
	Sample Date:	06-OCT-98					07-OCT-98					07-OCT-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	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															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						.48	<	U	.48	.48					
Nitrobenzene	mg/kg						.48	<	U	.48	.48					
Parathion	mg/kg															
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					
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg						.48	<	U	.48	.48					
Pyridine	mg/kg															
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					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:		32SD01					32SD01					32SD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		32SD01(0.5)					32SD01(0.5)QC					32SD02(0.5)				
	Sample Date:		30-APR-93					30-APR-93					30-APR-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																	
Ethyl methanesulfonate	mg/kg																
Famphur	mg/kg																
Fluoranthene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Fluorene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Hexachlorobenzene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Hexachlorobutadiene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Hexachlorocyclopentadiene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Hexachloroethane	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Indeno(1,2,3-cd)pyrene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Isophorone	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Methyl methanesulfonate	mg/kg																
Methyl parathion	mg/kg																
N-nitrosopiperidine	mg/kg																
Naphthalene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Nitrobenzene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Parathion	mg/kg																
Pentachlorobenzene	mg/kg																
Pentachloronitrobenzene	mg/kg																
Pentachlorophenol	mg/kg	2.025	<	U	2.025	-99	2	<	U	2	-99	2.254	<	U	2.254	-99	
Phenacetin	mg/kg																
Phenanthrene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Phenol	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Phorate	mg/kg																
Pronamide	mg/kg																
Pyrene	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
Pyridine	mg/kg																
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
bis(2-Chloroethyl)ether	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	
bis(2-Chloroisopropyl)ether	mg/kg	.418	<	U	.418	-99	.413	<	U	.413	-99	.465	<	U	.465	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:		32SD03					32SD04					32SD08				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		32SD03(0.5)					32SD04(0.5)					32SD08(000.0)				
	Sample Date:		30-APR-93					30-APR-93					12-APR-95				
	Sample Depth:		.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
SEMIVOLATILES																	
Ethyl methanesulfonate	mg/kg																
Famphur	mg/kg																
Fluoranthene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Fluorene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Hexachlorobenzene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Hexachlorobutadiene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Hexachlorocyclopentadiene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Hexachloroethane	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Indeno(1,2,3-cd)pyrene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Isophorone	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Methyl methanesulfonate	mg/kg																
Methyl parathion	mg/kg																
N-nitrosopiperidine	mg/kg																
Naphthalene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Nitrobenzene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Parathion	mg/kg																
Pentachlorobenzene	mg/kg																
Pentachloronitrobenzene	mg/kg																
Pentachlorophenol	mg/kg	2.286	<	U	2.286	-99	1.818	<	U	1.818	-99						
Phenacetin	mg/kg																
Phenanthrene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Phenol	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Phorate	mg/kg																
Pronamide	mg/kg																
Pyrene	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
Pyridine	mg/kg																
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
bis(2-Chloroethyl)ether	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						
bis(2-Chloroisopropyl)ether	mg/kg	.471	<	U	.471	-99	.375	<	U	.375	-99						

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Goose Prairie Creek Watershed
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32SD14

Goose Prairie Creek

32SD14(000.0)

19-FEB-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

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Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	32SD15					32SD16					32SD19				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD15(000.0)					32SD16(000.0)					32SD19-981008				
	Sample Date:	19-FEB-95					19-FEB-95					08-OCT-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg											4.8	<	U	4.8	4.8
Fluorene	mg/kg											4.8	<	U	4.8	4.8
Hexachlorobenzene	mg/kg											2.4	<	U	2.4	2.4
Hexachlorobutadiene	mg/kg											4.8	<	U	4.8	4.8
Hexachlorocyclopentadiene	mg/kg											4.8	<	U	4.8	4.8
Hexachloroethane	mg/kg											4.8	<	U	4.8	4.8
Indeno(1,2,3-cd)pyrene	mg/kg											4.8	<	U	4.8	4.8
Isophorone	mg/kg											4.8	<	U	4.8	4.8
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg											4.8	<	U	4.8	4.8
Nitrobenzene	mg/kg											4.8	<	U	4.8	4.8
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg											2.4	<	U	2.4	2.4
Phenacetin	mg/kg															
Phenanthrene	mg/kg											4.8	<	U	4.8	4.8
Phenol	mg/kg											4.8	<	U	4.8	4.8
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg											4.8	<	U	4.8	4.8
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg											4.8	<	U	4.8	4.8
bis(2-Chloroethyl)ether	mg/kg											4.8	<	U	4.8	4.8
bis(2-Chloroisopropyl)ether	mg/kg											4.8	<	U	4.8	4.8

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	35ASD01					35ASD01					35ASD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD01-981109					35ASD01-981203					35ASD02-981109				
	Sample Date:	09-NOV-98					03-DEC-98					09-NOV-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Fluorene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Hexachlorobenzene	mg/kg	.28	<	U	.28	.28						.22	<	U	.22	.22
Hexachlorobutadiene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Hexachlorocyclopentadiene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Hexachloroethane	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Indeno(1,2,3-cd)pyrene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Isophorone	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Nitrobenzene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.28	<	U	.28	.28						.22	<	U	.22	.22
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Phenol	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
bis(2-Chloroethyl)ether	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
bis(2-Chloroisopropyl)ether	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	35ASD02					46SD03					46SD03				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD02-981203					46SD03-981110					46SD03-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg						4.1	<	U	4.1	4.1					
Fluorene	mg/kg						4.1	<	U	4.1	4.1					
Hexachlorobenzene	mg/kg						2.1	<	U	2.1	2.1					
Hexachlorobutadiene	mg/kg						4.1	<	U	4.1	4.1					
Hexachlorocyclopentadiene	mg/kg						4.1	<	U	4.1	4.1					
Hexachloroethane	mg/kg						4.1	<	U	4.1	4.1					
Indeno(1,2,3-cd)pyrene	mg/kg						4.1	<	U	4.1	4.1					
Isophorone	mg/kg						4.1	<	U	4.1	4.1					
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						4.1	<	U	4.1	4.1					
Nitrobenzene	mg/kg						4.1	<	U	4.1	4.1					
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg						2.1	<	U	2.1	2.1					
Phenacetin	mg/kg															
Phenanthrene	mg/kg						4.1	<	U	4.1	4.1					
Phenol	mg/kg						4.1	<	U	4.1	4.1					
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg						4.1	<	U	4.1	4.1					
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						4.1	<	U	4.1	4.1					
bis(2-Chloroethyl)ether	mg/kg						4.1	<	U	4.1	4.1					
bis(2-Chloroisopropyl)ether	mg/kg						4.1	<	U	4.1	4.1					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	46SD04					46SD04					46SD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD04-981110					46SD04-981207					46SD07-981110				
	Sample Date:	10-NOV-98					07-DEC-98					10-NOV-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Fluorene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Hexachlorobenzene	mg/kg	1.5	<	U	1.5	1.5						.22	<	U	.22	.22
Hexachlorobutadiene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Hexachlorocyclopentadiene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Hexachloroethane	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Indeno(1,2,3-cd)pyrene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Isophorone	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Nitrobenzene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	1.5	<	U	1.5	1.5						.22	<	U	.22	.22
Phenacetin	mg/kg															
Phenanthrene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Phenol	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
bis(2-Chloroethyl)ether	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
bis(2-Chloroisopropyl)ether	mg/kg	3	<	U	3	3						.44	<	U	.44	.44

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
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User Test Group	Location Code:	46SD07					46SD08					46SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD07-981203					46SD08-981110					46SD08-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg						5.7	<	U	5.7	5.7					
Fluorene	mg/kg						5.7	<	U	5.7	5.7					
Hexachlorobenzene	mg/kg						2.8	<	U	2.8	2.8					
Hexachlorobutadiene	mg/kg						5.7	<	U	5.7	5.7					
Hexachlorocyclopentadiene	mg/kg						5.7	<	U	5.7	5.7					
Hexachloroethane	mg/kg						5.7	<	U	5.7	5.7					
Indeno(1,2,3-cd)pyrene	mg/kg						5.7	<	U	5.7	5.7					
Isophorone	mg/kg						5.7	<	U	5.7	5.7					
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						5.7	<	U	5.7	5.7					
Nitrobenzene	mg/kg						5.7	<	U	5.7	5.7					
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg						2.8	<	U	2.8	2.8					
Phenacetin	mg/kg															
Phenanthrene	mg/kg						5.7	<	U	5.7	5.7					
Phenol	mg/kg						5.7	<	U	5.7	5.7					
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg						5.7	<	U	5.7	5.7					
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						5.7	<	U	5.7	5.7					
bis(2-Chloroethyl)ether	mg/kg						5.7	<	U	5.7	5.7					
bis(2-Chloroisopropyl)ether	mg/kg						5.7	<	U	5.7	5.7					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:		50SD01					50SD01					50SD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		LH50SD01(0-1)					LH50SD01(0-1)QC					LH50SD02(0-1)				
	Sample Date:		29-NOV-95					29-NOV-95					29-NOV-95				
	Sample Depth:		.0 - 1					.0 - 1					.0 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
SEMIVOLATILES																	
Ethyl methanesulfonate	mg/kg																
Famphur	mg/kg																
Fluoranthene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Fluorene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Hexachlorobenzene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Hexachlorobutadiene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Hexachlorocyclopentadiene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Hexachloroethane	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Indeno(1,2,3-cd)pyrene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Isophorone	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Methyl methanesulfonate	mg/kg																
Methyl parathion	mg/kg																
N-nitrosopiperidine	mg/kg																
Naphthalene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Nitrobenzene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Parathion	mg/kg																
Pentachlorobenzene	mg/kg																
Pentachloronitrobenzene	mg/kg																
Pentachlorophenol	mg/kg	1.08	<	U	1.08	1.08	1.07	<	U	1.07	1.07	1.1	<	U	1.1	1.1	
Phenacetin	mg/kg																
Phenanthrene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Phenol	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Phorate	mg/kg																
Pronamide	mg/kg																
Pyrene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
Pyridine	mg/kg																
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
bis(2-Chloroethyl)ether	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	
bis(2-Chloroisopropyl)ether	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD03					50SD04					50SD05				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD03-981112					50SD04-981111					50SD05-981111				
	Sample Date:	12-NOV-98					11-NOV-98					11-NOV-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Fluorene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Hexachlorobenzene	mg/kg	.48	<	U	.48	.48	.26	<	U	.26	.26	.23	<	U	.23	.23
Hexachlorobutadiene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Hexachlorocyclopentadiene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Hexachloroethane	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Indeno(1,2,3-cd)pyrene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Isophorone	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Nitrobenzene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.48	<	U	.48	.48	.26	<	U	.26	.26	.23	<	U	.23	.23
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Phenol	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
bis(2-Chloroethyl)ether	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
bis(2-Chloroisopropyl)ether	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	50SD06					50SD06					50SD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD06-981110					C-50SD06QC-981110					50SD06-981111				
	Sample Date:	10-NOV-98					10-NOV-98					11-NOV-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Fluorene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Hexachlorobenzene	mg/kg	.23	<	U	.23	.23	.22	<	U	.22	.22					
Hexachlorobutadiene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Hexachlorocyclopentadiene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Hexachloroethane	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Indeno(1,2,3-cd)pyrene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Isophorone	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Nitrobenzene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.23	<	U	.23	.23	.22	<	U	.22	.22					
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Phenol	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
bis(2-Chloroethyl)ether	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
bis(2-Chloroisopropyl)ether	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD06					50SD07					50SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	C-50SD06QC-981111					50SD07-981111					50SD08-981111				
	Sample Date:	11-NOV-98					11-NOV-98					11-NOV-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Fluorene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Hexachlorobenzene	mg/kg						.24	<	U	.24	.24	.27	<	U	.27	.27
Hexachlorobutadiene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Hexachlorocyclopentadiene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Hexachloroethane	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Indeno(1,2,3-cd)pyrene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Isophorone	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Nitrobenzene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg						.24	<	U	.24	.24	.27	<	U	.27	.27
Phenacetin	mg/kg															
Phenanthrene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Phenol	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
bis(2-Chloroethyl)ether	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
bis(2-Chloroisopropyl)ether	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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60SD02

Goose Prairie Creek

60SD02QC

10-NOV-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Ethyl methanesulfonate
Famphur
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Methyl methanesulfonate
Methyl parathion
N-nitrosopiperidine
Naphthalene
Nitrobenzene
Parathion
Pentachlorobenzene
Pentachloronitrobenzene
Pentachlorophenol
Phenacetin
Phenanthrene
Phenol
Phorate
Pronamide
Pyrene
Pyridine
a,a-Dimethylphenethyl-amine
bis(2-Chloroethoxy)methane
bis(2-Chloroethyl)ether
bis(2-Chloroisopropyl)ether

mg/kg

00052069

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	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
User Test Group	Sample Depth:	.0 -0.5					.0 -0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Ethyl methanesulfonate	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Famphur	mg/kg	.156	<	U	.156	-99						.0835	<	U	.0835	-99
Fluoranthene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Fluorene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Hexachlorobenzene	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Hexachlorobutadiene	mg/kg															
Hexachlorocyclopentadiene	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Hexachloroethane	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Indeno(1,2,3-cd)pyrene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Isophorone	mg/kg															
Methyl methanesulfonate	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Methyl parathion	mg/kg	.156	<	U	.156	-99						.0835	<	U	.0835	-99
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg															
Nitrobenzene	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Parathion	mg/kg	.156	<	U	.156	-99						.0835	<	U	.0835	-99
Pentachlorobenzene	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Pentachloronitrobenzene	mg/kg	1.03	<	U	1.03	-99						.551	<	U	.551	-99
Pentachlorophenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Phenacetin	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Phenanthrene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Phenol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
Phorate	mg/kg	.156	<	U	.156	-99						.0835	<	U	.0835	-99
Pronamide	mg/kg															
Pyrene	mg/kg	.209	<	U	.209	-99						.112	<	U	.112	-99
Pyridine	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
bis(2-Chloroethyl)ether	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99

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Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSN-2

Goose Prairie Creek

CL-GPSN-2(1)

10-AUG-00

.0 - 0.5

 $\text{val} = \text{VO}$ [illegible]

00052071

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[illegible]

00052072

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSN-3

Goose Prairie Creek

CL-GPSN-3 (2) QC

10-AUG-00

.5 - 1

Units

[illegible]

00052073

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSN-4

Goose Prairie Creek

CL-GPSN-4 (1)

10-AUG-00

.0 - 0.5

Dual VO

[illegible]

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSN-4

Goose Prairie Creek

CL-GPSN-4(2)

10-AUG-00

.5 - 1

$$-1 - \frac{1}{2} \frac{V_C}{V_0}$$
[illegible]

00052075

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSS-1

Goose Prairie Creek

CL-GPSS-1 (2)

09-AUG-00

.5 - 1

$$-1 - \frac{1}{\sqrt{2}}$$
[illegible]

00052076

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSS-2

Goose Prairie Creek

CL-GPSS-2 (1) QC

09-AUG-00

.0 - 0.5

 $\mu_{\text{al}} = VQ$

User Test Group

[illegible]

00052077

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSS-2

Goose Prairie Creek

CL-GPSS-2 (2)

09-AUG-00

.5 - 1

 $al \quad VO$

RL	MDL

Ethyl methanesulfonate
Famphur
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Methyl methanesulfonate
Methyl parathion
N-nitrosopiperidine
Naphthalene
Nitrobenzene
Parathion
Pentachlorobenzene
Pentachloronitrobenzene
Pentachlorophenol
Phenacetin
Phenanthrene
Phenol
Phorate
Pronamide
Pyrene
Pyridine
a,a-Dimethylphenethyl-amine
bis(2-Chloroethoxy)methane
bis(2-Chloroethyl)ether
bis(2-Chloroisopropyl)ether

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSS-4

Goose Prairie Creek

CL-GPSS-4 (1)

09-AUG-00

.0 - 0.5

VC

71 VC

 $al \quad VO$ [illegible]

00052080

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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CL-GPSS-4

Goose Prairie Creek

CL-GPSS-4(2)

09-AUG-00

.5 - 1

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Exhibit 1

Summary of Validated Sediment Analytical Data

Goose Prairie Creek Watershed

Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

Page: 324 of 504

Location Code:

FWS-225

FWS-227

GPCSD01

Associated Site:

Goose Prairie Creek

Goose Prairie Creek

Goose Prairie Creek

Sample No:

CLNWR225

CLNWR227

GPCSD01-981118

Sample Date:

09-SEP-03

09-SEP-03

18-NOV-98

Sample Depth:

.0 - 0.5

.0 - 0.5

.0 - 0

User Test Group

Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Ethyl methanesulfonate	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
Famphur	mg/kg															
Fluoranthene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Fluorene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Hexachlorobenzene	mg/kg											.32	<	U	.32	.32
Hexachlorobutadiene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Hexachlorocyclopentadiene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Hexachloroethane	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Indeno(1,2,3-cd)pyrene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Isophorone	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Methyl methanesulfonate	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
Naphthalene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Nitrobenzene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Parathion	mg/kg															
Pentachlorobenzene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
Pentachloronitrobenzene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
Pentachlorophenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.32	<	U	.32	.32
Phenacetin	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
Phenanthrene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Phenol	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Phorate	mg/kg															
Pronamide	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
Pyrene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
bis(2-Chloroethoxy)methane	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
bis(2-Chloroethyl)ether	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
bis(2-Chloroisopropyl)ether	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPCSD01					GPCSD02					GPCSD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPCSD01-981202					GPCSD02-981118					GPCSD02-981202				
	Sample Date:		02-DEC-98					18-NOV-98					02-DEC-98				
	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																	
Ethyl methanesulfonate		mg/kg															
Famphur		mg/kg															
Fluoranthene		mg/kg						.51	<	U	.51	.51					
Fluorene		mg/kg						.51	<	U	.51	.51					
Hexachlorobenzene		mg/kg						.26	<	U	.26	.26					
Hexachlorobutadiene		mg/kg						.51	<	U	.51	.51					
Hexachlorocyclopentadiene		mg/kg						.51	<	U	.51	.51					
Hexachloroethane		mg/kg						.51	<	U	.51	.51					
Indeno(1,2,3-cd)pyrene		mg/kg						.51	<	U	.51	.51					
Isophorone		mg/kg						.51	<	U	.51	.51					
Methyl methanesulfonate		mg/kg															
Methyl parathion		mg/kg															
N-nitrosopiperidine		mg/kg															
Naphthalene		mg/kg						.51	<	U	.51	.51					
Nitrobenzene		mg/kg						.51	<	U	.51	.51					
Parathion		mg/kg															
Pentachlorobenzene		mg/kg															
Pentachloronitrobenzene		mg/kg															
Pentachlorophenol		mg/kg						.26	<	U	.26	.26					
Phenacetin		mg/kg															
Phenanthrene		mg/kg						.51	<	U	.51	.51					
Phenol		mg/kg						.51	<	U	.51	.51					
Phorate		mg/kg															
Pronamide		mg/kg															
Pyrene		mg/kg						.51	<	U	.51	.51					
Pyridine		mg/kg															
a,a-Dimethylphenethyl-amine		mg/kg															
bis(2-Chloroethoxy)methane		mg/kg						.51	<	U	.51	.51					
bis(2-Chloroethyl)ether		mg/kg						.51	<	U	.51	.51					
bis(2-Chloroisopropyl)ether		mg/kg						.51	<	U	.51	.51					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD03					GPCSD04					GPCSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD03					GPCSD04-981116					GPCSD04-981202				
	Sample Date:	17-NOV-98					16-NOV-98					02-DEC-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Fluorene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Hexachlorobenzene	mg/kg	.21	<	U	.21	.21	.22	<	U	.22	.22					
Hexachlorobutadiene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Hexachlorocyclopentadiene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Hexachloroethane	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Indeno(1,2,3-cd)pyrene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Isophorone	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Nitrobenzene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.21	<	U	.21	.21	.22	<	U	.22	.22					
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Phenol	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
bis(2-Chloroethyl)ether	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
bis(2-Chloroisopropyl)ether	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	GPCSD05					GPCSD05					GPCSD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD05-981116					GPCSD05-981202					GPCSD06				
	Sample Date:	16-NOV-98					02-DEC-98					16-NOV-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Fluorene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Hexachlorobenzene	mg/kg	.23	<	U	.23	.23						2.3	<	U	2.3	2.3
Hexachlorobutadiene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Hexachlorocyclopentadiene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Hexachloroethane	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Indeno(1,2,3-cd)pyrene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Isophorone	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Nitrobenzene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.23	<	U	.23	.23						2.3	<	U	2.3	2.3
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Phenol	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
bis(2-Chloroethyl)ether	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
bis(2-Chloroisopropyl)ether	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPCSD06					GPCSD07					GPCSD07				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPCSD06QC					GPCSD07-981116					GPCSD07-981203				
	Sample Date:		16-NOV-98					16-NOV-98					03-DEC-98				
	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																	
Ethyl methanesulfonate	mg/kg																
Famphur	mg/kg																
Fluoranthene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Fluorene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Hexachlorobenzene	mg/kg	2.3	<	U	2.3	2.3	.22	<	U	.22	.22						
Hexachlorobutadiene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Hexachlorocyclopentadiene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Hexachloroethane	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Indeno(1,2,3-cd)pyrene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Isophorone	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Methyl methanesulfonate	mg/kg																
Methyl parathion	mg/kg																
N-nitrosopiperidine	mg/kg																
Naphthalene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Nitrobenzene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Parathion	mg/kg																
Pentachlorobenzene	mg/kg																
Pentachloronitrobenzene	mg/kg																
Pentachlorophenol	mg/kg	2.3	<	U	2.3	2.3	.22	<	U	.22	.22						
Phenacetin	mg/kg																
Phenanthrene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Phenol	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Phorate	mg/kg																
Pronamide	mg/kg																
Pyrene	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
Pyridine	mg/kg																
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
bis(2-Chloroethyl)ether	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						
bis(2-Chloroisopropyl)ether	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44						

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD08					GPCSD10					GPCSD10				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD08					GPCSD10-981111					GPCSD10-981203				
	Sample Date:	11-NOV-98					11-NOV-98					03-DEC-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Fluorene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Hexachlorobenzene	mg/kg	.22	<	U	.22	.22	.23	<	U	.23	.23					
Hexachlorobutadiene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Hexachlorocyclopentadiene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Hexachloroethane	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Indeno(1,2,3-cd)pyrene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Isophorone	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Nitrobenzene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.22	<	U	.22	.22	.23	<	U	.23	.23					
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Phenol	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
bis(2-Chloroethyl)ether	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
bis(2-Chloroisopropyl)ether	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					

00052087

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-12

Goose Prairie Creek

GPS-12

04-SEP-97

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

00052088

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPS-4

Goose Prairie Creek

GPS-4

07-AUG-96

.0 - 0.5

Sample Depth:

RL

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

 $m\sigma/k\sigma$
$$m\sigma/k\sigma$$

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-5					GPS-6					GPWSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-5					GPS-6					GPWSD01				
	Sample Date:	08-AUG-96					08-AUG-96					19-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg											.43	<	U	.43	.43
Fluorene	mg/kg											.43	<	U	.43	.43
Hexachlorobenzene	mg/kg											.22	<	U	.22	.22
Hexachlorobutadiene	mg/kg											.43	<	U	.43	.43
Hexachlorocyclopentadiene	mg/kg											.43	<	U	.43	.43
Hexachloroethane	mg/kg											.43	<	U	.43	.43
Indeno(1,2,3-cd)pyrene	mg/kg											.43	<	U	.43	.43
Isophorone	mg/kg											.43	<	U	.43	.43
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg											.43	<	U	.43	.43
Nitrobenzene	mg/kg											.43	<	U	.43	.43
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg											.22	<	U	.22	.22
Phenacetin	mg/kg															
Phenanthrene	mg/kg											.43	<	U	.43	.43
Phenol	mg/kg											.43	<	U	.43	.43
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg											.43	<	U	.43	.43
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg											.43	<	U	.43	.43
bis(2-Chloroethyl)ether	mg/kg											.43	<	U	.43	.43
bis(2-Chloroisopropyl)ether	mg/kg											.43	<	U	.43	.43

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPWSD01					GPWSD02					GPWSD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPWSD01QC					GPWSD02-981201					GPWSD02-981202				
	Sample Date:		19-NOV-98					01-DEC-98					02-DEC-98				
	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																	
Ethyl methanesulfonate	mg/kg																
Famphur	mg/kg																
Fluoranthene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Fluorene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Hexachlorobenzene	mg/kg	.29	<	U	.29	.29	.32	<	U	.32	.32						
Hexachlorobutadiene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Hexachlorocyclopentadiene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Hexachloroethane	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Indeno(1,2,3-cd)pyrene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Isophorone	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Methyl methanesulfonate	mg/kg																
Methyl parathion	mg/kg																
N-nitrosopiperidine	mg/kg																
Naphthalene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Nitrobenzene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Parathion	mg/kg																
Pentachlorobenzene	mg/kg																
Pentachloronitrobenzene	mg/kg																
Pentachlorophenol	mg/kg	.29	<	U	.29	.29	.32	<	U	.32	.32						
Phenacetin	mg/kg																
Phenanthrene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Phenol	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Phorate	mg/kg																
Pronamide	mg/kg																
Pyrene	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
Pyridine	mg/kg																
a,a-Dimethylphenethyl-amine	mg/kg																
bis(2-Chloroethoxy)methane	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
bis(2-Chloroethyl)ether	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						
bis(2-Chloroisopropyl)ether	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63						

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPWSD03					GPWSD03					GPWSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPWSD03-981201					GPWSD03-981202					GPWSD04-981120				
	Sample Date:	01-DEC-98					02-DEC-98					20-NOV-98				
	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																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Fluorene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Hexachlorobenzene	mg/kg	.28	<	U	.28	.28						.23	<	U	.23	.23
Hexachlorobutadiene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Hexachlorocyclopentadiene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Hexachloroethane	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Indeno(1,2,3-cd)pyrene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Isophorone	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Nitrobenzene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	.28	<	U	.28	.28						.23	<	U	.23	.23
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Phenol	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
bis(2-Chloroethyl)ether	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
bis(2-Chloroisopropyl)ether	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Sample Date:	12-JAN-95					12-JAN-95					12-JAN-95				
	Sample Depth:	.0 -0.5					.0 -0.5					.0 -0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
Ethyl methanesulfonate	mg/kg															
Famphur	mg/kg															
Fluoranthene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Fluorene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Hexachlorobenzene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Hexachlorobutadiene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Hexachlorocyclopentadiene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Hexachloroethane	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Indeno(1,2,3-cd)pyrene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Isophorone	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Methyl methanesulfonate	mg/kg															
Methyl parathion	mg/kg															
N-nitrosopiperidine	mg/kg															
Naphthalene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Nitrobenzene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Parathion	mg/kg															
Pentachlorobenzene	mg/kg															
Pentachloronitrobenzene	mg/kg															
Pentachlorophenol	mg/kg	2	<	U	2	2	2	<	U	2	2	2.1	<	U	2.1	2.1
Phenacetin	mg/kg															
Phenanthrene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Phenol	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Phorate	mg/kg															
Pronamide	mg/kg															
Pyrene	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
Pyridine	mg/kg															
a,a-Dimethylphenethyl-amine	mg/kg															
bis(2-Chloroethoxy)methane	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
bis(2-Chloroethyl)ether	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42
bis(2-Chloroisopropyl)ether	mg/kg	.4	<	U	.4	.4	.4	<	U	.4	.4	.42	<	U	.42	.42

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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Location Code: LHS-GPC-08
Associated Site: Goose Prairie Creek
Sample No: LHS-GPC-08
Sample Date: 12-JAN-95
Sample Depth: .0 - 0.5

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
SEMIVOLATILES						
Ethyl methanesulfonate	mg/kg					
Famphur	mg/kg					
Fluoranthene	mg/kg	.44	<	U	.44	.44
Fluorene	mg/kg	.44	<	U	.44	.44
Hexachlorobenzene	mg/kg	.44	<	U	.44	.44
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					
Methyl parathion	mg/kg					
N-nitrosopiperidine	mg/kg					
Naphthalene	mg/kg	.44	<	U	.44	.44
Nitrobenzene	mg/kg	.44	<	U	.44	.44
Parathion	mg/kg					
Pentachlorobenzene	mg/kg					
Pentachloronitrobenzene	mg/kg					
Pentachlorophenol	mg/kg	2.2	<	U	2.2	2.2
Phenacetin	mg/kg					
Phenanthrene	mg/kg	.44	<	U	.44	.44
Phenol	mg/kg	.44	<	U	.44	.44
Phorate	mg/kg					
Pronamide	mg/kg					
Pyrene	mg/kg	.44	<	U	.44	.44
Pyridine	mg/kg					
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

00052094

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD12

Goose Prairie Creek

29SD12(0-0.5)

27-APR-93

.0 - 0.5

29SD13

Goose Prairie Creek

29SD13(0-0.5)

27-APR-93

.0 - 0.5

29SD13

Goose Prairie Creek

29SD13(0-0.5)QC

27-APR-93

.0 - 0.5

[illegible]

Percent Solids Percent

[illegible]

00052095

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD14

Goose Prairie Creek

29SD14(0.5)

30-APR-93

.0 - 0.5

29SD15

Goose Prairie Creek

29SD15(0-0.5)

27-APR-93

.0 - 0.5

29SD16

Goose Prairie Creek

29SD16(0-0.5)

27-APR-93

.0 - 0.5

[illegible]

Percent Solids Percent

[illegible]

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	29SD17					29SD22					29SD27				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD17(0.5)					29SD22					29SD27				
	Sample Date:	30-APR-93					07-OCT-98					08-OCT-98				
	Sample Depth:	.0 - 0.5					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
bis(2-Ethylhexyl)phthalate	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
di-n-Butyl phthalate	mg/kg	.549			.524	-99						4.5	<	U	4.5	4.5
di-n-Octyl phthalate	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
m-Cresol	mg/kg	.524	<	U	.524	-99										
n-Nitroso-di-n-propylamine	mg/kg	2.54	<	U	2.54	-99						4.5	<	U	4.5	4.5
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg											4.5	<	U	4.5	4.5
n-Nitrosodiphenylamine	mg/kg	.524	<	U	.524	-99						4.5	<	U	4.5	4.5
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,1,1-Trichloroethane	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,1,2,2-Tetrachloroethane	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,1,2-Trichloroethane	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,1-Dichloroethane	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,1-Dichloroethene	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,1-Dichloropropene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,2,3-Trichlorobenzene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,2,3-Trichloropropane	mg/kg	.0079	<	U	.0079	-99	.019	<	U	.019	.019	.02	<	U	.02	.02
1,2,4-Trichlorobenzene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,2,4-Trimethylbenzene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,2-Dibromo-3-chloropropane	mg/kg						.012	<	U	.012	.012	.013	<	U	.013	.013
1,2-Dibromoethane	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
1,2-Dichlorobenzene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	29SD29					29SD30					29SD31				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD29					29SD30					29SD31				
	Sample Date:	06-OCT-98					07-OCT-98					07-OCT-98				
	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																
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-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg						.48	<	U	.48	.48					
n-Nitrosodiphenylamine	mg/kg						.48	<	U	.48	.48					
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,1,1-Trichloroethane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,1,2,2-Tetrachloroethane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,1,2-Trichloroethane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,1-Dichloroethane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,1-Dichloroethene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,1-Dichloropropene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,2,3-Trichlorobenzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,2,3-Trichloropropane	mg/kg	.023	<	U	.023	.023	.021	<	U	.021	.021	.02	<	U	.02	.02
1,2,4-Trichlorobenzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,2,4-Trimethylbenzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,2-Dibromo-3-chloropropane	mg/kg	.015	<	U	.015	.015	.014	<	U	.014	.014	.013	<	U	.013	.013
1,2-Dibromoethane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,2-Dichlorobenzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066

00052098

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD02

Goose Prairie Creek

32SD02(0.5)

30-APR-93

.0 - 0.5

 $al \quad VO$ Units

Result

VQ RL

Result

VQ

Qual7Q

L

bis(2-Ethylhexyl)phthalate
 di-n-Butyl phthalate
 di-n-Octyl phthalate
 m-Cresol
 n-Nitroso-di-n-propylamine
 n-Nitrosodi-n-butylamine
 n-Nitrosodiethylamine
 n-Nitrosodimethylamine
 n-Nitrosodiphenylamine
 p-Bromofluorobenzene
 p-Dimethylaminoazobenzene

Percent Solids Percent

1,1,1,2-Tetrachloroethane
1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene
1,1-Dichloropropene
1,2,3-Trichlorobenzene
1,2,3-Trichloropropane
1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene
1,2-Dibromo-3-chloropropane
1,2-Dibromoethane
1,2-Dichlorobenzene

00052099

Longhorn Army Ammunition Plant, Karnack, Texas

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32SD08

Goose Prairie Creek

32SD08(000.0)

12-APR-95

.0 - 0

 $gl \rightarrow VO$

MDL

-99
-99
-99
-99
-99

-99

Percent

-99
-99
-99
-99
-99
-99

00052100

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD14

Goose Prairie Creek

32SD14(000.0)

19-FEB-95

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

bis(2-Ethylhexyl)phthalate
di-n-Butyl phthalate
di-n-Octyl phthalate
m-Cresol
n-Nitroso-di-n-propylamine
n-Nitrosodi-n-butylamine
n-Nitrosodiethylamine
n-Nitrosodimethylamine
n-Nitrosodiphenylamine
p-Bromofluorobenzene
p-Dimethylaminoazobenzene

Percent Solids	Percent

1,1,1,2-Tetrachloroethane	mg/kg
1,1,1,1-Trichloroethane	mg/kg
1,1,1,2,2-Tetrachloroethane	mg/kg
1,1,1,2-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
1,2-Dibromo-3-chloropropane	mg/kg
1,2-Dibromoethane	mg/kg
1,2-Dichlorobenzene	mg/kg

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	32SD15					32SD16					32SD19				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD15(000.0)					32SD16(000.0)					32SD19-981008				
	Sample Date:	19-FEB-95					19-FEB-95					08-OCT-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg											4.8	<	U	4.8	4.8
di-n-Butyl phthalate	mg/kg											4.8	<	U	4.8	4.8
di-n-Octyl phthalate	mg/kg											4.8	<	U	4.8	4.8
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg											4.8	<	U	4.8	4.8
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg											4.8	<	U	4.8	4.8
n-Nitrosodiphenylamine	mg/kg											4.8	<	U	4.8	4.8
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg											.0075	<	U	.0075	.0075
1,1,1-Trichloroethane	mg/kg											.0075	<	U	.0075	.0075
1,1,2,2-Tetrachloroethane	mg/kg											.0075	<	U	.0075	.0075
1,1,2-Trichloroethane	mg/kg											.0075	<	U	.0075	.0075
1,1-Dichloroethane	mg/kg											.0075	<	U	.0075	.0075
1,1-Dichloroethene	mg/kg											.0075	<	U	.0075	.0075
1,1-Dichloropropene	mg/kg											.0075	<	U	.0075	.0075
1,2,3-Trichlorobenzene	mg/kg											.0075	<	U	.0075	.0075
1,2,3-Trichloropropane	mg/kg											.022	<	U	.022	.022
1,2,4-Trichlorobenzene	mg/kg											.0075	<	U	.0075	.0075
1,2,4-Trimethylbenzene	mg/kg											.0075	<	U	.0075	.0075
1,2-Dibromo-3-chloropropane	mg/kg											.015	<	U	.015	.015
1,2-Dibromoethane	mg/kg											.0075	<	U	.0075	.0075
1,2-Dichlorobenzene	mg/kg											.0075	<	U	.0075	.0075

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	35ASD01					35ASD01					35ASD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD01-981109					35ASD01-981203					35ASD02-981109				
	Sample Date:	09-NOV-98					03-DEC-98					09-NOV-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
di-n-Butyl phthalate	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
di-n-Octyl phthalate	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
n-Nitrosodiphenylamine	mg/kg	.55	<	U	.55	.55						.45	<	U	.45	.45
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,1,1-Trichloroethane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,1,2,2-Tetrachloroethane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,1,2-Trichloroethane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,1-Dichloroethane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,1-Dichloroethene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,1-Dichloropropene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,2,3-Trichlorobenzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,2,3-Trichloropropane	mg/kg	.025	<	U	.025	.025						.02	<	U	.02	.02
1,2,4-Trichlorobenzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,2,4-Trimethylbenzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,2-Dibromo-3-chloropropane	mg/kg	.017	<	U	.017	.017						.013	<	U	.013	.013
1,2-Dibromoethane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
1,2-Dichlorobenzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	35ASD02					46SD03					46SD03				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD02-981203					46SD03-981110					46SD03-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg						4.1	<	U	4.1	4.1					
di-n-Butyl phthalate	mg/kg						4.1	<	U	4.1	4.1					
di-n-Octyl phthalate	mg/kg						4.1	<	U	4.1	4.1					
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg						4.1	<	U	4.1	4.1					
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg						4.1	<	U	4.1	4.1					
n-Nitrosodiphenylamine	mg/kg						4.1	<	U	4.1	4.1					
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg						.012	<	U	.012	.012					
1,1,1-Trichloroethane	mg/kg						.012	<	U	.012	.012					
1,1,2,2-Tetrachloroethane	mg/kg						.012	<	U	.012	.012					
1,1,2-Trichloroethane	mg/kg						.012	<	U	.012	.012					
1,1-Dichloroethane	mg/kg						.012	<	U	.012	.012					
1,1-Dichloroethene	mg/kg						.012	<	U	.012	.012					
1,1-Dichloropropene	mg/kg						.012	<	U	.012	.012					
1,2,3-Trichlorobenzene	mg/kg						.012	<	U	.012	.012					
1,2,3-Trichloropropane	mg/kg						.037	<	U	.037	.037					
1,2,4-Trichlorobenzene	mg/kg						.012	<	U	.012	.012					
1,2,4-Trimethylbenzene	mg/kg						.012	<	U	.012	.012					
1,2-Dibromo-3-chloropropane	mg/kg						.025	<	U	.025	.025					
1,2-Dibromoethane	mg/kg						.012	<	U	.012	.012					
1,2-Dichlorobenzene	mg/kg						.012	<	U	.012	.012					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	46SD04					46SD04					46SD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD04-981110					46SD04-981207					46SD07-981110				
	Sample Date:	10-NOV-98					07-DEC-98					10-NOV-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
di-n-Butyl phthalate	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
di-n-Octyl phthalate	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
n-Nitrosodiphenylamine	mg/kg	3	<	U	3	3						.44	<	U	.44	.44
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,1,1-Trichloroethane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,1,2,2-Tetrachloroethane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,1,2-Trichloroethane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,1-Dichloroethane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,1-Dichloroethene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,1-Dichloropropene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,2,3-Trichlorobenzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,2,3-Trichloropropane	mg/kg	.027	<	U	.027	.027						.02	<	U	.02	.02
1,2,4-Trichlorobenzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,2,4-Trimethylbenzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,2-Dibromo-3-chloropropane	mg/kg	.018	<	U	.018	.018						.013	<	U	.013	.013
1,2-Dibromoethane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,2-Dichlorobenzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	46SD07					46SD08					46SD08					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	46SD07-981203					46SD08-981110					46SD08-981203					
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98					
	Sample Depth:	.0 - 0					.0 - 0					.0 - 0					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
SEMIVOLATILES																	
bis(2-Ethylhexyl)phthalate		mg/kg						5.7	<	U	5.7	5.7					
di-n-Butyl phthalate		mg/kg						5.7	<	U	5.7	5.7					
di-n-Octyl phthalate		mg/kg						5.7	<	U	5.7	5.7					
m-Cresol		mg/kg															
n-Nitroso-di-n-propylamine		mg/kg						5.7	<	U	5.7	5.7					
n-Nitrosodi-n-butylamine		mg/kg															
n-Nitrosodiethylamine		mg/kg															
n-Nitrosodimethylamine		mg/kg						5.7	<	U	5.7	5.7					
n-Nitrosodiphenylamine		mg/kg						5.7	<	U	5.7	5.7					
p-Bromofluorobenzene		mg/kg															
p-Dimethylaminoazobenzene		mg/kg															
SOLIDS																	
Percent Solids		Percent															
VOLATILES																	
1,1,1,2-Tetrachloroethane		mg/kg						.0085	<	U	.0085	.0085					
1,1,1-Trichloroethane		mg/kg						.0085	<	U	.0085	.0085					
1,1,2,2-Tetrachloroethane		mg/kg						.0085	<	U	.0085	.0085					
1,1,2-Trichloroethane		mg/kg						.0085	<	U	.0085	.0085					
1,1-Dichloroethane		mg/kg						.0085	<	U	.0085	.0085					
1,1-Dichloroethene		mg/kg						.0085	<	U	.0085	.0085					
1,1-Dichloropropene		mg/kg						.0085	<	U	.0085	.0085					
1,2,3-Trichlorobenzene		mg/kg						.0085	<	U	.0085	.0085					
1,2,3-Trichloropropane		mg/kg						.025	<	U	.025	.025					
1,2,4-Trichlorobenzene		mg/kg						.0085	<	U	.0085	.0085					
1,2,4-Trimethylbenzene		mg/kg						.0085	<	U	.0085	.0085					
1,2-Dibromo-3-chloropropane		mg/kg						.017	<	U	.017	.017					
1,2-Dibromoethane		mg/kg						.0085	<	U	.0085	.0085					
1,2-Dichlorobenzene		mg/kg						.0085	<	U	.0085	.0085					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD01					50SD01					50SD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LH50SD01(0-1)					LH50SD01(0-1)QC					LH50SD02(0-1)				
	Sample Date:	29-NOV-95					29-NOV-95					29-NOV-95				
	Sample Depth:	.0 - 1					.0 - 1					.0 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
bis(2-Ethylhexyl)phthalate	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44
di-n-Butyl phthalate	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44
di-n-Octyl phthalate	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44
n-Nitrosodiphenylamine	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44
p-Bromofluorobenzene	mg/kg	.43	<	U	.43	.43	.43	<	U	.43	.43	.44	<	U	.44	.44
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,1,1-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,1,2,2-Tetrachloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,1,2-Trichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,1-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,1-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,1-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,2,3-Trichlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,2,3-Trichloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,2,4-Trichlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,2,4-Trimethylbenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,2-Dibromo-3-chloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,2-Dibromoethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007
1,2-Dichlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD03					50SD04					50SD05				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD03-981112					50SD04-981111					50SD05-981111				
	Sample Date:	12-NOV-98					11-NOV-98					11-NOV-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
di-n-Butyl phthalate	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
di-n-Octyl phthalate	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
n-Nitrosodiphenylamine	mg/kg	.97	<	U	.97	.97	.52	<	U	.52	.52	.45	<	U	.45	.45
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,1,1-Trichloroethane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,1,2,2-Tetrachloroethane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,1,2-Trichloroethane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,1-Dichloroethane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,1-Dichloroethene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,1-Dichloropropene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,2,3-Trichlorobenzene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,2,3-Trichloropropane	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.02	<	U	.02	.02
1,2,4-Trichlorobenzene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,2,4-Trimethylbenzene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,2-Dibromo-3-chloropropane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014
1,2-Dibromoethane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068
1,2-Dichlorobenzene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD06					50SD06					50SD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD06-981110					C-50SD06QC-981110					50SD06-981111				
	Sample Date:	10-NOV-98					10-NOV-98					11-NOV-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
di-n-Butyl phthalate	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
di-n-Octyl phthalate	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
n-Nitrosodiphenylamine	mg/kg	.46	<	U	.46	.46	.45	<	U	.45	.45					
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,1,1-Trichloroethane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,1,2,2-Tetrachloroethane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,1,2-Trichloroethane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,1-Dichloroethane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,1-Dichloroethene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,1-Dichloropropene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,2,3-Trichlorobenzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,2,3-Trichloropropane	mg/kg	.021	<	U	.021	.021	.02	<	U	.02	.02					
1,2,4-Trichlorobenzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,2,4-Trimethylbenzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,2-Dibromo-3-chloropropane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013					
1,2-Dibromoethane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,2-Dichlorobenzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	50SD06					50SD07					50SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	C-50SD06QC-981111					50SD07-981111					50SD08-981111				
	Sample Date:	11-NOV-98					11-NOV-98					11-NOV-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
di-n-Butyl phthalate	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
di-n-Octyl phthalate	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
n-Nitrosodiphenylamine	mg/kg						.49	<	U	.49	.49	.54	<	U	.54	.54
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,1,1-Trichloroethane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,1,2,2-Tetrachloroethane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,1,2-Trichloroethane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,1-Dichloroethane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,1-Dichloroethene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,1-Dichloropropene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,2,3-Trichlorobenzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,2,3-Trichloropropane	mg/kg						.022	<	U	.022	.022	.024	<	U	.024	.024
1,2,4-Trichlorobenzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,2,4-Trimethylbenzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,2-Dibromo-3-chloropropane	mg/kg						.015	<	U	.015	.015	.016	<	U	.016	.016
1,2-Dibromoethane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,2-Dichlorobenzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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60SD02

Goose Prairie Creek

60SD02QC

10-NOV-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

bis(2-Ethylhexyl)phthalate
 di-n-Butyl phthalate
 di-n-Octyl phthalate
 m-Cresol
 n-Nitroso-di-n-propylamine
 n-Nitrosodi-n-butylamine
 n-Nitrosodiethylamine
 n-Nitrosodimethylamine
 n-Nitrosodiphenylamine
 p-Bromofluorobenzene
 p-Dimethylaminoazobenzene

Percent Solids	Percent

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
1,2-Dibromo-3-chloropropane	mg/kg
1,2-Dibromoethane	mg/kg
1,2-Dichlorobenzene	mg/kg

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
bis(2-Ethylhexyl)phthalate	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
di-n-Butyl phthalate	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
di-n-Octyl phthalate	mg/kg	1.03	<	U	1.03	-99						.551	<	U	.551	-99
m-Cresol	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
n-Nitroso-di-n-propylamine	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
n-Nitrosodi-n-butylamine	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
n-Nitrosodiethylamine	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
n-Nitrosodimethylamine	mg/kg	.53	<	U	.53	-99						.284	<	U	.284	-99
n-Nitrosodiphenylamine	mg/kg	1.03	<	U	1.03	-99						.551	<	U	.551	-99
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent	32			0	0	56			0	0	60			0	0
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,1,1-Trichloroethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,1,2,2-Tetrachloroethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,1,2-Trichloroethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,1-Dichloroethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,1-Dichloroethene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,2,3-Trichloropropane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,2,4-Trichlorobenzene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,2,4-Trimethylbenzene	mg/kg															
1,2-Dibromo-3-chloropropane	mg/kg	.0312	<	U	.0312	-99						.0167	<	U	.0167	-99
1,2-Dibromoethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,2-Dichlorobenzene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-2					CL-GPSN-2					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-1(2)					CL-GPSN-2 (1)					CL-GPSN-2(1)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
SEMIVOLATILES																	
bis(2-Ethylhexyl)phthalate		mg/kg						.629	<	U	.629	-99					
di-n-Butyl phthalate		mg/kg						.629	<	U	.629	-99					
di-n-Octyl phthalate		mg/kg						1.22	<	U	1.22	-99					
m-Cresol		mg/kg						.629	<	U	.629	-99					
n-Nitroso-di-n-propylamine		mg/kg						.629	<	U	.629	-99					
n-Nitrosodi-n-butylamine		mg/kg						.629	<	U	.629	-99					
n-Nitrosodiethylamine		mg/kg						.629	<	U	.629	-99					
n-Nitrosodimethylamine		mg/kg						.629	<	U	.629	-99					
n-Nitrosodiphenylamine		mg/kg						1.22	<	U	1.22	-99					
p-Bromofluorobenzene		mg/kg															
p-Dimethylaminoazobenzene		mg/kg															
SOLIDS																	
Percent Solids		Percent	57.7			0	0	27			0	0	55.8			0	0
VOLATILES																	
1,1,1,2-Tetrachloroethane		mg/kg						.0074	<	U	.0074	-99					
1,1,1-Trichloroethane		mg/kg						.0074	<	U	.0074	-99					
1,1,2,2-Tetrachloroethane		mg/kg						.0074	<	U	.0074	-99					
1,1,2-Trichloroethane		mg/kg						.0074	<	U	.0074	-99					
1,1-Dichloroethane		mg/kg						.0074	<	U	.0074	-99					
1,1-Dichloroethene		mg/kg						.0074	<	U	.0074	-99					
1,1-Dichloropropene		mg/kg															
1,2,3-Trichlorobenzene		mg/kg						.0074	<	U	.0074	-99					
1,2,3-Trichloropropane		mg/kg						.0074	<	U	.0074	-99					
1,2,4-Trichlorobenzene		mg/kg						.0074	<	U	.0074	-99					
1,2,4-Trimethylbenzene		mg/kg															
1,2-Dibromo-3-chloropropane		mg/kg						.037	<	U	.037	-99					
1,2-Dibromoethane		mg/kg						.0074	<	U	.0074	-99					
1,2-Dichlorobenzene		mg/kg						.0074	<	U	.0074	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-2					CL-GPSN-2					CL-GPSN-3					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-2 (2)					CL-GPSN-2(2)					CL-GPSN-3 (1)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
SEMIVOLATILES																	
bis(2-Ethylhexyl)phthalate		mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
di-n-Butyl phthalate		mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
di-n-Octyl phthalate		mg/kg	.805	<	U	.805	-99						1.1	<	U	1.1	-99
m-Cresol		mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
n-Nitroso-di-n-propylamine		mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
n-Nitrosodi-n-butylamine		mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
n-Nitrosodiethylamine		mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
n-Nitrosodimethylamine		mg/kg	.415	<	U	.415	-99						.566	<	U	.566	-99
n-Nitrosodiphenylamine		mg/kg	.805	<	U	.805	-99						1.1	<	U	1.1	-99
p-Bromofluorobenzene		mg/kg															
p-Dimethylaminoazobenzene		mg/kg															
SOLIDS																	
Percent Solids		Percent	41			0	0	28.8			0	0	30			0	0
VOLATILES																	
1,1,1,2-Tetrachloroethane		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,1,1-Trichloroethane		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,1,2,2-Tetrachloroethane		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,1,2-Trichloroethane		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,1-Dichloroethane		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,1-Dichloroethene		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,1-Dichloropropene		mg/kg															
1,2,3-Trichlorobenzene		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,2,3-Trichloropropane		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,2,4-Trichlorobenzene		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,2,4-Trimethylbenzene		mg/kg															
1,2-Dibromo-3-chloropropane		mg/kg	.0244	<	U	.0244	-99						.0333	<	U	.0333	-99
1,2-Dibromoethane		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,2-Dichlorobenzene		mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(1)					CL-GPSN-3 (2)					CL-GPSN-3 (2) QC				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
bis(2-Ethylhexyl)phthalate	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
di-n-Butyl phthalate	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
di-n-Octyl phthalate	mg/kg						.845	<	U	.845	-99	.779	<	U	.779	-99
m-Cresol	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
n-Nitroso-di-n-propylamine	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
n-Nitrosodi-n-butylamine	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
n-Nitrosodiethylamine	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
n-Nitrosodimethylamine	mg/kg						.435	<	U	.435	-99	.401	<	U	.401	-99
n-Nitrosodiphenylamine	mg/kg						.845	<	U	.845	-99	.779	<	U	.779	-99
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent	76.9			0	0	39			0	0	43			0	0
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,1,1-Trichloroethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,1,2,2-Tetrachloroethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,1,2-Trichloroethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,1-Dichloroethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,1-Dichloroethene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,2,3-Trichloropropane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,2,4-Trichlorobenzene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,2,4-Trimethylbenzene	mg/kg															
1,2-Dibromo-3-chloropropane	mg/kg						.0256	<	U	.0256	-99	.0236	<	U	.0236	-99
1,2-Dibromoethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,2-Dichlorobenzene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(2)					CL-GPSN-3(2) QC					CL-GPSN-4 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
bis(2-Ethylhexyl)phthalate	mg/kg											.945	<	U	.945	-99
di-n-Butyl phthalate	mg/kg											.945	<	U	.945	-99
di-n-Octyl phthalate	mg/kg											1.83	<	U	1.83	-99
m-Cresol	mg/kg											.945	<	U	.945	-99
n-Nitroso-di-n-propylamine	mg/kg											.945	<	U	.945	-99
n-Nitrosodi-n-butylamine	mg/kg											.945	<	U	.945	-99
n-Nitrosodiethylamine	mg/kg											.945	<	U	.945	-99
n-Nitrosodimethylamine	mg/kg											.945	<	U	.945	-99
n-Nitrosodiphenylamine	mg/kg											1.83	<	U	1.83	-99
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent	70.2			0	0	36.8			0	0	18			0	0
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg											.0111	<	U	.0111	-99
1,1,1-Trichloroethane	mg/kg											.0111	<	U	.0111	-99
1,1,2,2-Tetrachloroethane	mg/kg											.0111	<	U	.0111	-99
1,1,2-Trichloroethane	mg/kg											.0111	<	U	.0111	-99
1,1-Dichloroethane	mg/kg											.0111	<	U	.0111	-99
1,1-Dichloroethene	mg/kg											.0111	<	U	.0111	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg											.0111	<	U	.0111	-99
1,2,3-Trichloropropane	mg/kg											.0111	<	U	.0111	-99
1,2,4-Trichlorobenzene	mg/kg											.0111	<	U	.0111	-99
1,2,4-Trimethylbenzene	mg/kg															
1,2-Dibromo-3-chloropropane	mg/kg											.0555	<	U	.0555	-99
1,2-Dibromoethane	mg/kg											.0111	<	U	.0111	-99
1,2-Dichlorobenzene	mg/kg											.0111	<	U	.0111	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	CL-GPSN-4					CL-GPSN-4					CL-GPSN-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSN-4(1)					CL-GPSN-4 (2)					CL-GPSN-4(2)					
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00					
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
SEMIVOLATILES																	
bis(2-Ethylhexyl)phthalate		mg/kg						.265	<	U	.265	-99					
di-n-Butyl phthalate		mg/kg						.265	<	U	.265	-99					
di-n-Octyl phthalate		mg/kg						.515	<	U	.515	-99					
m-Cresol		mg/kg						.265	<	U	.265	-99					
n-Nitroso-di-n-propylamine		mg/kg						.265	<	U	.265	-99					
n-Nitrosodi-n-butylamine		mg/kg						.265	<	U	.265	-99					
n-Nitrosodiethylamine		mg/kg						.265	<	U	.265	-99					
n-Nitrosodimethylamine		mg/kg						.265	<	U	.265	-99					
n-Nitrosodiphenylamine		mg/kg						.515	<	U	.515	-99					
p-Bromofluorobenzene		mg/kg															
p-Dimethylaminoazobenzene		mg/kg															
SOLIDS																	
Percent Solids		Percent	84.4			0	0	64			0	0	43.1			0	0
VOLATILES																	
1,1,1,2-Tetrachloroethane		mg/kg						.00312	<	U	.00312	-99					
1,1,1-Trichloroethane		mg/kg						.00312	<	U	.00312	-99					
1,1,2,2-Tetrachloroethane		mg/kg						.00312	<	U	.00312	-99					
1,1,2-Trichloroethane		mg/kg						.00312	<	U	.00312	-99					
1,1-Dichloroethane		mg/kg						.00312	<	U	.00312	-99					
1,1-Dichloroethene		mg/kg						.00312	<	U	.00312	-99					
1,1-Dichloropropene		mg/kg															
1,2,3-Trichlorobenzene		mg/kg						.00312	<	U	.00312	-99					
1,2,3-Trichloropropane		mg/kg						.00312	<	U	.00312	-99					
1,2,4-Trichlorobenzene		mg/kg						.00312	<	U	.00312	-99					
1,2,4-Trimethylbenzene		mg/kg															
1,2-Dibromo-3-chloropropane		mg/kg						.0156	<	U	.0156	-99					
1,2-Dibromoethane		mg/kg						.00312	<	U	.00312	-99					
1,2-Dichlorobenzene		mg/kg						.00312	<	U	.00312	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-1					CL-GPSS-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1 (1)					CL-GPSS-1(1)					CL-GPSS-1 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
bis(2-Ethylhexyl)phthalate	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
di-n-Butyl phthalate	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
di-n-Octyl phthalate	mg/kg	1.06	<	U	1.06	-99						.33	<	U	.33	-99
m-Cresol	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
n-Nitroso-di-n-propylamine	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
n-Nitrosodi-n-butylamine	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
n-Nitrosodiethylamine	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
n-Nitrosodimethylamine	mg/kg	.547	<	U	.547	-99						.17	<	U	.17	-99
n-Nitrosodiphenylamine	mg/kg	1.06	<	U	1.06	-99						.33	<	U	.33	-99
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent	31			0	0	55.7			0	0	73			0	0
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,1,1-Trichloroethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,1,2,2-Tetrachloroethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,1,2-Trichloroethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,1-Dichloroethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,1-Dichloroethene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,2,3-Trichloropropane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,2,4-Trichlorobenzene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,2,4-Trimethylbenzene	mg/kg															
1,2-Dibromo-3-chloropropane	mg/kg	.0323	<	U	.0323	-99						.01	<	U	.01	-99
1,2-Dibromoethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,2-Dichlorobenzene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99

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Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1(2)					CL-GPSS-2 (1)					CL-GPSS-2 (1) QC				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
di-n-Butyl phthalate	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
di-n-Octyl phthalate	mg/kg						.891	<	U	.891	-99	1.1	<	U	1.1	-99
m-Cresol	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
n-Nitroso-di-n-propylamine	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
n-Nitrosodi-n-butylamine	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
n-Nitrosodiethylamine	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
n-Nitrosodimethylamine	mg/kg						.459	<	U	.459	-99	.566	<	U	.566	-99
n-Nitrosodiphenylamine	mg/kg						.891	<	U	.891	-99	1.1	<	U	1.1	-99
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent	34.7			0	0	37			0	0	30			0	0
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,1,1-Trichloroethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,1,2,2-Tetrachloroethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,1,2-Trichloroethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,1-Dichloroethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,1-Dichloroethene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,2,3-Trichloropropane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,2,4-Trichlorobenzene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,2,4-Trimethylbenzene	mg/kg															
1,2-Dibromo-3-chloropropane	mg/kg						.027	<	U	.027	-99	.0333	<	U	.0333	-99
1,2-Dibromoethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,2-Dichlorobenzene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-2					CL-GPSS-2					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-2(1)					CL-GPSS-2(1)QC					CL-GPSS-2 (2)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
SEMIVOLATILES																	
bis(2-Ethylhexyl)phthalate		mg/kg											.34	<	U	.34	-99
di-n-Butyl phthalate		mg/kg											.34	<	U	.34	-99
di-n-Octyl phthalate		mg/kg											.66	<	U	.66	-99
m-Cresol		mg/kg											.34	<	U	.34	-99
n-Nitroso-di-n-propylamine		mg/kg											.34	<	U	.34	-99
n-Nitrosodi-n-butylamine		mg/kg											.34	<	U	.34	-99
n-Nitrosodiethylamine		mg/kg											.34	<	U	.34	-99
n-Nitrosodimethylamine		mg/kg											.34	<	U	.34	-99
n-Nitrosodiphenylamine		mg/kg											.66	<	U	.66	-99
p-Bromofluorobenzene		mg/kg															
p-Dimethylaminoazobenzene		mg/kg															
SOLIDS																	
Percent Solids		Percent	82.6			0	0	66.8			0	0	50			0	0
VOLATILES																	
1,1,1,2-Tetrachloroethane		mg/kg											.004	<	U	.004	-99
1,1,1-Trichloroethane		mg/kg											.004	<	U	.004	-99
1,1,2,2-Tetrachloroethane		mg/kg											.004	<	U	.004	-99
1,1,2-Trichloroethane		mg/kg											.004	<	U	.004	-99
1,1-Dichloroethane		mg/kg											.004	<	U	.004	-99
1,1-Dichloroethene		mg/kg											.004	<	U	.004	-99
1,1-Dichloropropene		mg/kg															
1,2,3-Trichlorobenzene		mg/kg											.004	<	U	.004	-99
1,2,3-Trichloropropane		mg/kg											.004	<	U	.004	-99
1,2,4-Trichlorobenzene		mg/kg											.004	<	U	.004	-99
1,2,4-Trimethylbenzene		mg/kg															
1,2-Dibromo-3-chloropropane		mg/kg											.02	<	U	.02	-99
1,2-Dibromoethane		mg/kg											.004	<	U	.004	-99
1,2-Dichlorobenzene		mg/kg											.004	<	U	.004	-99

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-3					CL-GPSS-3					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-2(2)					CL-GPSS-3 (1)					CL-GPSS-3(1)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
SEMIVOLATILES																	
bis(2-Ethylhexyl)phthalate		mg/kg						.326	<	U	.326	-99					
di-n-Butyl phthalate		mg/kg						.326	<	U	.326	-99					
di-n-Octyl phthalate		mg/kg						.634	<	U	.634	-99					
m-Cresol		mg/kg						.326	<	U	.326	-99					
n-Nitroso-di-n-propylamine		mg/kg						.326	<	U	.326	-99					
n-Nitrosodi-n-butylamine		mg/kg						.326	<	U	.326	-99					
n-Nitrosodiethylamine		mg/kg						.326	<	U	.326	-99					
n-Nitrosodimethylamine		mg/kg						.326	<	U	.326	-99					
n-Nitrosodiphenylamine		mg/kg						.634	<	U	.634	-99					
p-Bromofluorobenzene		mg/kg															
p-Dimethylaminoazobenzene		mg/kg															
SOLIDS																	
Percent Solids		Percent	35.4			0	0	52			0	0	35.2			0	0
VOLATILES																	
1,1,1,2-Tetrachloroethane		mg/kg						.00384	<	U	.00384	-99					
1,1,1-Trichloroethane		mg/kg						.00384	<	U	.00384	-99					
1,1,2,2-Tetrachloroethane		mg/kg						.00384	<	U	.00384	-99					
1,1,2-Trichloroethane		mg/kg						.00384	<	U	.00384	-99					
1,1-Dichloroethane		mg/kg						.00384	<	U	.00384	-99					
1,1-Dichloroethene		mg/kg						.00384	<	U	.00384	-99					
1,1-Dichloropropene		mg/kg															
1,2,3-Trichlorobenzene		mg/kg						.00384	<	U	.00384	-99					
1,2,3-Trichloropropane		mg/kg						.00384	<	U	.00384	-99					
1,2,4-Trichlorobenzene		mg/kg						.00384	<	U	.00384	-99					
1,2,4-Trimethylbenzene		mg/kg															
1,2-Dibromo-3-chloropropane		mg/kg						.0192	<	U	.0192	-99					
1,2-Dibromoethane		mg/kg						.00384	<	U	.00384	-99					
1,2-Dichlorobenzene		mg/kg						.00384	<	U	.00384	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-3					CL-GPSS-3					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-3 (2)					CL-GPSS-3(2)					CL-GPSS-4 (1)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
bis(2-Ethylhexyl)phthalate	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
di-n-Butyl phthalate	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
di-n-Octyl phthalate	mg/kg	.502	<	U	.502	-99						.686	<	U	.686	-99
m-Cresol	mg/kg	.258	<	U	.258	-99						.0832		J	.17	-99
n-Nitroso-di-n-propylamine	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
n-Nitrosodi-n-butylamine	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
n-Nitrosodiethylamine	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
n-Nitrosodimethylamine	mg/kg	.258	<	U	.258	-99						.354	<	U	.354	-99
n-Nitrosodiphenylamine	mg/kg	.502	<	U	.502	-99						.686	<	U	.686	-99
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent	66			0	0	29.3			0	0	48			0	0
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
1,1,1-Trichloroethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
1,1,2,2-Tetrachloroethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
1,1,2-Trichloroethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
1,1-Dichloroethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
1,1-Dichloroethene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
1,1-Dichloropropene	mg/kg															
1,2,3-Trichlorobenzene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
1,2,3-Trichloropropane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
1,2,4-Trichlorobenzene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
1,2,4-Trimethylbenzene	mg/kg															
1,2-Dibromo-3-chloropropane	mg/kg	.0152	<	U	.0152	-99						.0208	<	U	.0208	-99
1,2-Dibromoethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
1,2-Dichlorobenzene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	CL-GPSS-4					CL-GPSS-4					CL-GPSS-4					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-4(1)					CL-GPSS-4 (2)					CL-GPSS-4(2)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
SEMIVOLATILES																	
bis(2-Ethylhexyl)phthalate		mg/kg						.17	<	U	.17	-99					
di-n-Butyl phthalate		mg/kg						.17	<	U	.17	-99					
di-n-Octyl phthalate		mg/kg						.33	<	U	.33	-99					
m-Cresol		mg/kg						.17	<	U	.17	-99					
n-Nitroso-di-n-propylamine		mg/kg						.17	<	U	.17	-99					
n-Nitrosodi-n-butylamine		mg/kg						.17	<	U	.17	-99					
n-Nitrosodiethylamine		mg/kg						.17	<	U	.17	-99					
n-Nitrosodimethylamine		mg/kg						.17	<	U	.17	-99					
n-Nitrosodiphenylamine		mg/kg						.33	<	U	.33	-99					
p-Bromofluorobenzene		mg/kg															
p-Dimethylaminoazobenzene		mg/kg															
SOLIDS																	
Percent Solids		Percent	70.7			0	0	75			0	0	38.3			0	0
VOLATILES																	
1,1,1,2-Tetrachloroethane		mg/kg						.002	<	U	.002	-99					
1,1,1-Trichloroethane		mg/kg						.002	<	U	.002	-99					
1,1,2,2-Tetrachloroethane		mg/kg						.002	<	U	.002	-99					
1,1,2-Trichloroethane		mg/kg						.002	<	U	.002	-99					
1,1-Dichloroethane		mg/kg						.002	<	U	.002	-99					
1,1-Dichloroethene		mg/kg						.002	<	U	.002	-99					
1,1-Dichloropropene		mg/kg															
1,2,3-Trichlorobenzene		mg/kg						.002	<	U	.002	-99					
1,2,3-Trichloropropane		mg/kg						.002	<	U	.002	-99					
1,2,4-Trichlorobenzene		mg/kg						.002	<	U	.002	-99					
1,2,4-Trimethylbenzene		mg/kg															
1,2-Dibromo-3-chloropropane		mg/kg						.01	<	U	.01	-99					
1,2-Dibromoethane		mg/kg						.002	<	U	.002	-99					
1,2-Dichlorobenzene		mg/kg						.002	<	U	.002	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	FWS-225					FWS-227					GPCSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CLNWR225					CLNWR227					GPCSD01-981118				
	Sample Date:	09-SEP-03					09-SEP-03					18-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
bis(2-Ethylhexyl)phthalate	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
di-n-Butyl phthalate	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
di-n-Octyl phthalate	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg											.63	<	U	.63	.63
n-Nitrosodiphenylamine	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469		.63	<	U	.63	.63
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg	.0393	<	nv	.0393		.0469	<	nv	.0469						
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg											.0096	<	U	.0096	.0096
1,1,1-Trichloroethane	mg/kg											.0096	<	U	.0096	.0096
1,1,2,2-Tetrachloroethane	mg/kg											.0096	<	U	.0096	.0096
1,1,2-Trichloroethane	mg/kg											.0096	<	U	.0096	.0096
1,1-Dichloroethane	mg/kg											.0096	<	U	.0096	.0096
1,1-Dichloroethene	mg/kg											.0096	<	U	.0096	.0096
1,1-Dichloropropene	mg/kg											.0096	<	U	.0096	.0096
1,2,3-Trichlorobenzene	mg/kg											.0096	<	U	.0096	.0096
1,2,3-Trichloropropane	mg/kg											.029	<	U	.029	.029
1,2,4-Trichlorobenzene	mg/kg											.0096	<	U	.0096	.0096
1,2,4-Trimethylbenzene	mg/kg											.0096	<	U	.0096	.0096
1,2-Dibromo-3-chloropropane	mg/kg											.019	<	U	.019	.019
1,2-Dibromoethane	mg/kg											.0096	<	U	.0096	.0096
1,2-Dichlorobenzene	mg/kg											.0096	<	U	.0096	.0096

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD01					GPCSD02					GPCSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD01-981202					GPCSD02-981118					GPCSD02-981202				
	Sample Date:	02-DEC-98					18-NOV-98					02-DEC-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg						.51	<	U	.51	.51					
di-n-Butyl phthalate	mg/kg						.51	<	U	.51	.51					
di-n-Octyl phthalate	mg/kg						.51	<	U	.51	.51					
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg						.51	<	U	.51	.51					
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg						.51	<	U	.51	.51					
n-Nitrosodiphenylamine	mg/kg						.51	<	U	.51	.51					
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg						.0077	<	U	.0077	.0077					
1,1,1-Trichloroethane	mg/kg						.0077	<	U	.0077	.0077					
1,1,2,2-Tetrachloroethane	mg/kg						.0077	<	U	.0077	.0077					
1,1,2-Trichloroethane	mg/kg						.0077	<	U	.0077	.0077					
1,1-Dichloroethane	mg/kg						.0077	<	U	.0077	.0077					
1,1-Dichloroethene	mg/kg						.0077	<	U	.0077	.0077					
1,1-Dichloropropene	mg/kg						.0077	<	U	.0077	.0077					
1,2,3-Trichlorobenzene	mg/kg						.0077	<	U	.0077	.0077					
1,2,3-Trichloropropane	mg/kg						.023	<	U	.023	.023					
1,2,4-Trichlorobenzene	mg/kg						.0077	<	U	.0077	.0077					
1,2,4-Trimethylbenzene	mg/kg						.0077	<	U	.0077	.0077					
1,2-Dibromo-3-chloropropane	mg/kg						.015	<	U	.015	.015					
1,2-Dibromoethane	mg/kg						.0077	<	U	.0077	.0077					
1,2-Dichlorobenzene	mg/kg						.0077	<	U	.0077	.0077					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD03					GPCSD04					GPCSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD03					GPCSD04-981116					GPCSD04-981202				
	Sample Date:	17-NOV-98					16-NOV-98					02-DEC-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
di-n-Butyl phthalate	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
di-n-Octyl phthalate	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
n-Nitrosodiphenylamine	mg/kg	.42	<	U	.42	.42	.44	<	U	.44	.44					
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,1,1-Trichloroethane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,1,2,2-Tetrachloroethane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,1,2-Trichloroethane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,1-Dichloroethane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,1-Dichloroethene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,1-Dichloropropene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,2,3-Trichlorobenzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,2,3-Trichloropropane	mg/kg	.019	<	U	.019	.019	.02	<	U	.02	.02					
1,2,4-Trichlorobenzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,2,4-Trimethylbenzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,2-Dibromo-3-chloropropane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013					
1,2-Dibromoethane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,2-Dichlorobenzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD05					GPCSD05					GPCSD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD05-981116					GPCSD05-981202					GPCSD06				
	Sample Date:	16-NOV-98					02-DEC-98					16-NOV-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
di-n-Butyl phthalate	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
di-n-Octyl phthalate	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
n-Nitrosodiphenylamine	mg/kg	.46	<	U	.46	.46						4.6	<	U	4.6	4.6
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,1,1-Trichloroethane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,1,2,2-Tetrachloroethane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,1,2-Trichloroethane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,1-Dichloroethane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,1-Dichloroethene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,1-Dichloropropene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,2,3-Trichlorobenzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,2,3-Trichloropropane	mg/kg	.02	<	U	.02	.02						.021	<	U	.021	.021
1,2,4-Trichlorobenzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,2,4-Trimethylbenzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,2-Dibromo-3-chloropropane	mg/kg	.014	<	U	.014	.014						.014	<	U	.014	.014
1,2-Dibromoethane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069
1,2-Dichlorobenzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069

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

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD06					GPCSD07					GPCSD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD06QC					GPCSD07-981116					GPCSD07-981203				
	Sample Date:	16-NOV-98					16-NOV-98					03-DEC-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
di-n-Butyl phthalate	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
di-n-Octyl phthalate	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
n-Nitrosodiphenylamine	mg/kg	4.7	<	U	4.7	4.7	.44	<	U	.44	.44					
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,1,1-Trichloroethane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,1,2,2-Tetrachloroethane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,1,2-Trichloroethane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,1-Dichloroethane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,1-Dichloroethene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,1-Dichloropropene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,2,3-Trichlorobenzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,2,3-Trichloropropane	mg/kg	.021	<	U	.021	.021	.02	<	U	.02	.02					
1,2,4-Trichlorobenzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,2,4-Trimethylbenzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,2-Dibromo-3-chloropropane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013					
1,2-Dibromoethane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					
1,2-Dichlorobenzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD08					GPCSD10					GPCSD10				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD08					GPCSD10-981111					GPCSD10-981203				
	Sample Date:	11-NOV-98					11-NOV-98					03-DEC-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
di-n-Butyl phthalate	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
di-n-Octyl phthalate	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
n-Nitrosodiphenylamine	mg/kg	.44	<	U	.44	.44	.45	<	U	.45	.45					
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,1,1-Trichloroethane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,1,2,2-Tetrachloroethane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,1,2-Trichloroethane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,1-Dichloroethane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,1-Dichloroethene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,1-Dichloropropene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,2,3-Trichlorobenzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,2,3-Trichloropropane	mg/kg	.02	<	U	.02	.02	.02	<	U	.02	.02					
1,2,4-Trichlorobenzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,2,4-Trimethylbenzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,2-Dibromo-3-chloropropane	mg/kg	.013	<	U	.013	.013	.014	<	U	.014	.014					
1,2-Dibromoethane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,2-Dichlorobenzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-1					GPS-11					GPS-12				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-1					GPS-11					GPS-12				
	Sample Date:	07-AUG-96					04-SEP-97					04-SEP-97				
	Sample Depth:	.0 - 0.5					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
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-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,1,1-Trichloroethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,1,2,2-Tetrachloroethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,1,2-Trichloroethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,1-Dichloroethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,1-Dichloroethene	mg/kg	.0012			.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,1-Dichloropropene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,2,3-Trichlorobenzene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,2,3-Trichloropropane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,2,4-Trichlorobenzene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,2,4-Trimethylbenzene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,2-Dibromo-3-chloropropane	mg/kg	.0054	<	U	.0054	-99	.0341	<	U	.0341	-99	.0434	<	U	.0434	-99
1,2-Dibromoethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
1,2-Dichlorobenzene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-2					GPS-3					GPS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-2					GPS-3					GPS-4				
	Sample Date:	07-AUG-96					07-AUG-96					07-AUG-96				
	Sample Depth:	.0 -0.5					.0 -0.5					.0 -0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
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-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,1,1-Trichloroethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,1,2,2-Tetrachloroethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,1,2-Trichloroethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,1-Dichloroethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,1-Dichloroethene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,1-Dichloropropene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,2,3-Trichlorobenzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,2,3-Trichloropropane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,2,4-Trichlorobenzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,2,4-Trimethylbenzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,2-Dibromo-3-chloropropane	mg/kg	.0069	<	U	.0069	-99	.009	<	U	.009	-99	.0066	<	U	.0066	-99
1,2-Dibromoethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,2-Dichlorobenzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-5					GPS-6					GPWSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-5					GPS-6					GPWSD01				
	Sample Date:	08-AUG-96					08-AUG-96					19-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
bis(2-Ethylhexyl)phthalate	mg/kg											.43	<	U	.43	.43
di-n-Butyl phthalate	mg/kg											.43	<	U	.43	.43
di-n-Octyl phthalate	mg/kg											.43	<	U	.43	.43
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg											.43	<	U	.43	.43
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg											.43	<	U	.43	.43
n-Nitrosodiphenylamine	mg/kg											.43	<	U	.43	.43
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,1,1-Trichloroethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,1,2,2-Tetrachloroethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,1,2-Trichloroethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,1-Dichloroethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,1-Dichloroethene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,1-Dichloropropene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,2,3-Trichlorobenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,2,3-Trichloropropane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.026	<	U	.026	.026
1,2,4-Trichlorobenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,2,4-Trimethylbenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,2-Dibromo-3-chloropropane	mg/kg	.0063	<	U	.0063	-99	.006	<	U	.006	-99	.017	<	U	.017	.017
1,2-Dibromoethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,2-Dichlorobenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPWSD01					GPWSD02					GPWSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPWSD01QC					GPWSD02-981201					GPWSD02-981202				
	Sample Date:	19-NOV-98					01-DEC-98					02-DEC-98				
	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																
bis(2-Ethylhexyl)phthalate	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
di-n-Butyl phthalate	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
di-n-Octyl phthalate	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
n-Nitrosodiphenylamine	mg/kg	.57	<	U	.57	.57	.63	<	U	.63	.63					
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,1,1-Trichloroethane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,1,2,2-Tetrachloroethane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,1,2-Trichloroethane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,1-Dichloroethane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,1-Dichloroethene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,1-Dichloropropene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,2,3-Trichlorobenzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,2,3-Trichloropropane	mg/kg	.026	<	U	.026	.026	.028	<	U	.028	.028					
1,2,4-Trichlorobenzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,2,4-Trimethylbenzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,2-Dibromo-3-chloropropane	mg/kg	.017	<	U	.017	.017	.019	<	U	.019	.019					
1,2-Dibromoethane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					
1,2-Dichlorobenzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

		GPWSD03					GPWSD03					GPWSD04				
Location Code:		GPWSD03					GPWSD03					GPWSD04				
Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
Sample No:		GPWSD03-981201					GPWSD03-981202					GPWSD04-981120				
Sample Date:		01-DEC-98					02-DEC-98					20-NOV-98				
Sample Depth:		.0 - 0					.0 - 0					.0 - 0				
User Test Group																
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
SEMIVOLATILES																
bis(2-Ethylhexyl)phthalate	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
di-n-Butyl phthalate	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
di-n-Octyl phthalate	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
m-Cresol	mg/kg															
n-Nitroso-di-n-propylamine	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
n-Nitrosodi-n-butylamine	mg/kg															
n-Nitrosodiethylamine	mg/kg															
n-Nitrosodimethylamine	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
n-Nitrosodiphenylamine	mg/kg	.55	<	U	.55	.55						.46	<	U	.46	.46
p-Bromofluorobenzene	mg/kg															
p-Dimethylaminoazobenzene	mg/kg															
SOLIDS																
Percent Solids	Percent															
VOLATILES																
1,1,1,2-Tetrachloroethane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,1,1-Trichloroethane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,1,2,2-Tetrachloroethane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,1,2-Trichloroethane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,1-Dichloroethane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,1-Dichloroethene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,1-Dichloropropene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,2,3-Trichlorobenzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,2,3-Trichloropropane	mg/kg	.025	<	U	.025	.025						.018	<	U	.018	.018
1,2,4-Trichlorobenzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,2,4-Trimethylbenzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,2-Dibromo-3-chloropropane	mg/kg	.017	<	U	.017	.017						.012	<	U	.012	.012
1,2-Dibromoethane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,2-Dichlorobenzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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[illegible]

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-08
	Associated Site:	Goose Prairie Creek
	Sample No:	LHS-GPC-08
	Sample Date:	12-JAN-95
	Sample Depth:	.0 - 0.5

Parameter	Units	Result	Qual	VQ	RL	MDL
SEMIVOLATILES						
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-Nitrosodi-n-butylamine	mg/kg					
n-Nitrosodiethylamine	mg/kg					
n-Nitrosodimethylamine	mg/kg					
n-Nitrosodiphenylamine	mg/kg	.44	<	U	.44	.44
p-Bromofluorobenzene	mg/kg					
p-Dimethylaminoazobenzene	mg/kg					

SOLIDS	
Percent Solids	Percent

VOLATILES						
1,1,1,2-Tetrachloroethane	mg/kg	.013	<	U	.013	.013
1,1,1-Trichloroethane	mg/kg	.007	<	U	.007	.007
1,1,2,2-Tetrachloroethane	mg/kg	.007	<	U	.007	.007
1,1,2-Trichloroethane	mg/kg	.007	<	U	.007	.007
1,1-Dichloroethane	mg/kg	.007	<	U	.007	.007
1,1-Dichloroethene	mg/kg	.007	<	U	.007	.007
1,1-Dichloropropene	mg/kg					
1,2,3-Trichlorobenzene	mg/kg					
1,2,3-Trichloropropane	mg/kg	.013	<	U	.013	.013
1,2,4-Trichlorobenzene	mg/kg					
1,2,4-Trimethylbenzene	mg/kg					
1,2-Dibromo-3-chloropropane	mg/kg	.026	<	U	.026	.026
1,2-Dibromoethane	mg/kg	.026	<	U	.026	.026
1,2-Dichlorobenzene	mg/kg					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	29SD12					29SD13					29SD13				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD12(0-0.5)					29SD13(0-0.5)					29SD13(0-0.5)QC				
	Sample Date:	27-APR-93					27-APR-93					27-APR-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
VOLATILES																
1,2-Dichloroethane	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99
1,4-Dichlorobenzene	mg/kg															
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99
2-Propenal	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.112			.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99
Allyl chloride	mg/kg															
Benzene	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99
Carbon disulfide	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99
Carbon tetrachloride	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD14					29SD15					29SD16				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD14(0.5)					29SD15(0-0.5)					29SD16(0-0.5)				
	Sample Date:	30-APR-93					27-APR-93					27-APR-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
VOLATILES																
1,2-Dichloroethane	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-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															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.015	<	U	.015	-99	.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	.015	<	U	.015	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
2-Propenal	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.032			.014	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
Allyl chloride	mg/kg															
Benzene	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
Carbon disulfide	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99
Carbon tetrachloride	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		29SD17					29SD22					29SD27				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		29SD17(0.5)					29SD22					29SD27				
	Sample Date:		30-APR-93					07-OCT-98					08-OCT-98				
	Sample Depth:		.0 -0.5					.0 -0					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
VOLATILES																	
1,2-Dichloroethane	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
1,2-Dimethylbenzene (o-Xylene)	mg/kg																
1,3,5-Trimethylbenzene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
1,3-Dichlorobenzene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
1,3-Dichloropropane	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
1,3-Dimethylbenzene (m-Xylene)	mg/kg																
1,4-Dichloro-2-butene	mg/kg	.016	<	U	.016	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
1,4-Dichlorobenzene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
1,4-Dioxane	mg/kg						1.2	<	U	1.2	1.2	1.3	<	U	1.3	1.3	
2,2-Dichloropropane	mg/kg						.019	<	U	.019	.019	.02	<	U	.02	.02	
2-Butanone	mg/kg	.016	<	U	.016	-99	.025	<	U	.025	.025	.027	<	U	.027	.027	
2-Chloroethyl vinyl ether	mg/kg																
2-Chlorotoluene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
2-Hexanone	mg/kg	.016	<	U	.016	-99	.025	<	U	.025	.025	.027	<	U	.027	.027	
2-Propenal	mg/kg	.016	<	U	.016	-99	.12	<	U	.12	.12	.13	<	U	.13	.13	
4-Chlorotoluene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
Acetone	mg/kg	.016	<	U	.016	-99	.025	<	U	.025	.025	.027	<	U	.027	.027	
Acetonitrile	mg/kg																
Acrylonitrile	mg/kg	.016	<	U	.016	-99	.12	<	U	.12	.12	.13	<	U	.13	.13	
Allyl chloride	mg/kg																
Benzene	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
Bromobenzene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
Bromochloromethane	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
Bromodichloromethane	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
Bromoform	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
Bromomethane	mg/kg	.016	<	U	.016	-99	.012	<	U	.012	.012	.013	<	U	.013	.013	
Carbon disulfide	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067	
Carbon tetrachloride	mg/kg	.0079	<	U	.0079	-99	.012	<	U	.012	.012	.013	<	U	.013	.013	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD29					29SD30					29SD31				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD29					29SD30					29SD31				
	Sample Date:	06-OCT-98					07-OCT-98					07-OCT-98				
	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-Dichloroethane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,3-Dichlorobenzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,3-Dichloropropane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,4-Dichlorobenzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
1,4-Dioxane	mg/kg	1.5	<	U	1.5	1.5	1.4	<	U	1.4	1.4	1.3	<	U	1.3	1.3
2,2-Dichloropropane	mg/kg	.023	<	U	.023	.023	.021	<	U	.021	.021	.02	<	U	.02	.02
2-Butanone	mg/kg	.03	<	U	.03	.03	.029	<	U	.029	.029	.026	<	U	.026	.026
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
2-Hexanone	mg/kg	.03	<	U	.03	.03	.029	<	U	.029	.029	.026	<	U	.026	.026
2-Propenal	mg/kg	.15	<	U	.15	.15	.14	<	U	.14	.14	.13	<	U	.13	.13
4-Chlorotoluene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
Acetone	mg/kg	.03	<	U	.03	.03	.029	<	U	.029	.029	.026	<	U	.026	.026
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.15	<	U	.15	.15	.14	<	U	.14	.14	.13	<	U	.13	.13
Allyl chloride	mg/kg															
Benzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
Bromobenzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
Bromochloromethane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
Bromodichloromethane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
Bromoform	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
Bromomethane	mg/kg	.015	<	U	.015	.015	.014	<	U	.014	.014	.013	<	U	.013	.013
Carbon disulfide	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066
Carbon tetrachloride	mg/kg	.015	<	U	.015	.015	.014	<	U	.014	.014	.013	<	U	.013	.013

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	32SD01					32SD01					32SD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD01(0.5)					32SD01(0.5)QC					32SD02(0.5)				
	Sample Date:	30-APR-93					30-APR-93					30-APR-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
VOLATILES																
1,2-Dichloroethane	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0063	<	U	.0063	-99	.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															
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.013	<	U	.013	-99	.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	.013	<	U	.013	-99	.014	<	U	.014	-99
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
2-Propenal	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
Allyl chloride	mg/kg															
Benzene	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99
Bromoform	mg/kg															
Bromomethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99
Carbon disulfide	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99
Carbon tetrachloride	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		32SD03					32SD04					32SD08				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		32SD03(0.5)					32SD04(0.5)					32SD08(000.0)				
	Sample Date:		30-APR-93					30-APR-93					12-APR-95				
	Sample Depth:		.0 -0.5					.0 -0.5					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
VOLATILES																	
1,2-Dichloroethane	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg	.0071	<	U	.0071	-99	.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																
1,3-Dimethylbenzene (m-Xylene)	mg/kg																
1,4-Dichloro-2-butene	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
1,4-Dichlorobenzene	mg/kg																
1,4-Dioxane	mg/kg																
2,2-Dichloropropane	mg/kg																
2-Butanone	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
2-Chloroethyl vinyl ether	mg/kg																
2-Chlorotoluene	mg/kg																
2-Hexanone	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
2-Propenal	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
4-Chlorotoluene	mg/kg																
Acetone	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
Acetonitrile	mg/kg																
Acrylonitrile	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
Allyl chloride	mg/kg																
Benzene	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Bromobenzene	mg/kg																
Bromochloromethane	mg/kg																
Bromodichloromethane	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Bromoform	mg/kg																
Bromomethane	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
Carbon disulfide	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Carbon tetrachloride	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD14

Goose Prairie Creek

32SD14(000.0)

19-FEB-95

.0 - 0

 $gl \rightarrow VO$ Units

 RL VQMLQualVQ

<u>RL</u>	<u>MDL</u>

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

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mg/kg

mg/kg

 $\text{m}\sigma/\text{k}\sigma$ mg/kg

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	32SD15					32SD16					32SD19				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD15(000.0)					32SD16(000.0)					32SD19-981008				
	Sample Date:	19-FEB-95					19-FEB-95					08-OCT-98				
	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-Dichloroethane	mg/kg											.0075	<	U	.0075	.0075
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg											.0075	<	U	.0075	.0075
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg											.0075	<	U	.0075	.0075
1,3-Dichlorobenzene	mg/kg											.0075	<	U	.0075	.0075
1,3-Dichloropropane	mg/kg											.0075	<	U	.0075	.0075
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg											.0075	<	U	.0075	.0075
1,4-Dichlorobenzene	mg/kg											.0075	<	U	.0075	.0075
1,4-Dioxane	mg/kg											1.5	<	U	1.5	1.5
2,2-Dichloropropane	mg/kg											.022	<	U	.022	.022
2-Butanone	mg/kg											.03	<	U	.03	.03
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg											.0075	<	U	.0075	.0075
2-Hexanone	mg/kg											.03	<	U	.03	.03
2-Propenal	mg/kg											.15	<	U	.15	.15
4-Chlorotoluene	mg/kg											.0075	<	U	.0075	.0075
Acetone	mg/kg											.03	<	U	.03	.03
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg											.15	<	U	.15	.15
Allyl chloride	mg/kg															
Benzene	mg/kg											.0075	<	U	.0075	.0075
Bromobenzene	mg/kg											.0075	<	U	.0075	.0075
Bromochloromethane	mg/kg											.0075	<	U	.0075	.0075
Bromodichloromethane	mg/kg											.0075	<	U	.0075	.0075
Bromoform	mg/kg											.0075	<	U	.0075	.0075
Bromomethane	mg/kg											.015	<	U	.015	.015
Carbon disulfide	mg/kg											.0075	<	U	.0075	.0075
Carbon tetrachloride	mg/kg											.015	<	U	.015	.015

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:		35ASD01					35ASD01					35ASD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		35ASD01-981109					35ASD01-981203					35ASD02-981109				
	Sample Date:		09-NOV-98					03-DEC-98					09-NOV-98				
	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-Dichloroethane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
1,2-Dimethylbenzene (o-Xylene)	mg/kg																
1,3,5-Trimethylbenzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
1,3-Dichlorobenzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
1,3-Dichloropropane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
1,3-Dimethylbenzene (m-Xylene)	mg/kg																
1,4-Dichloro-2-butene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
1,4-Dichlorobenzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
1,4-Dioxane	mg/kg	1.7	<	U	1.7	1.7						1.3	<	U	1.3	1.3	
2,2-Dichloropropane	mg/kg	.025	<	U	.025	.025						.02	<	U	.02	.02	
2-Butanone	mg/kg	.033	<	U	.033	.033						.027	<	U	.027	.027	
2-Chloroethyl vinyl ether	mg/kg																
2-Chlorotoluene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
2-Hexanone	mg/kg	.033	<	U	.033	.033						.027	<	U	.027	.027	
2-Propenal	mg/kg	.17	<	U	.17	.17						.13	<	U	.13	.13	
4-Chlorotoluene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
Acetone	mg/kg	.033	<	U	.033	.033						.027	<	U	.027	.027	
Acetonitrile	mg/kg																
Acrylonitrile	mg/kg	.17	<	U	.17	.17						.13	<	U	.13	.13	
Allyl chloride	mg/kg																
Benzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
Bromobenzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
Bromochloromethane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
Bromodichloromethane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
Bromoform	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
Bromomethane	mg/kg	.017	<	U	.017	.017						.013	<	U	.013	.013	
Carbon disulfide	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067	
Carbon tetrachloride	mg/kg	.017	<	U	.017	.017						.013	<	U	.013	.013	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	35ASD02					46SD03					46SD03				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD02-981203					46SD03-981110					46SD03-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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-Dichloroethane	mg/kg						.012	<	U	.012	.012					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.012	<	U	.012	.012					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg						.012	<	U	.012	.012					
1,3-Dichlorobenzene	mg/kg						.012	<	U	.012	.012					
1,3-Dichloropropane	mg/kg						.012	<	U	.012	.012					
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg						.012	<	U	.012	.012					
1,4-Dichlorobenzene	mg/kg						.012	<	U	.012	.012					
1,4-Dioxane	mg/kg						2.5	<	U	2.5	2.5					
2,2-Dichloropropane	mg/kg						.037	<	U	.037	.037					
2-Butanone	mg/kg						.049	<	U	.049	.049					
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg						.012	<	U	.012	.012					
2-Hexanone	mg/kg						.049	<	U	.049	.049					
2-Propenal	mg/kg						.25	<	U	.25	.25					
4-Chlorotoluene	mg/kg						.012	<	U	.012	.012					
Acetone	mg/kg						.049	<	U	.049	.049					
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg						.25	<	U	.25	.25					
Allyl chloride	mg/kg															
Benzene	mg/kg						.012	<	U	.012	.012					
Bromobenzene	mg/kg						.012	<	U	.012	.012					
Bromochloromethane	mg/kg						.012	<	U	.012	.012					
Bromodichloromethane	mg/kg						.012	<	U	.012	.012					
Bromoform	mg/kg						.012	<	U	.012	.012					
Bromomethane	mg/kg						.025	<	U	.025	.025					
Carbon disulfide	mg/kg						.012	<	U	.012	.012					
Carbon tetrachloride	mg/kg						.025	<	U	.025	.025					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	46SD04					46SD04					46SD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD04-981110					46SD04-981207					46SD07-981110				
	Sample Date:	10-NOV-98					07-DEC-98					10-NOV-98				
	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-Dichloroethane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,3-Dichlorobenzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,3-Dichloropropane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,4-Dichlorobenzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
1,4-Dioxane	mg/kg	1.8	<	U	1.8	1.8						1.3	<	U	1.3	1.3
2,2-Dichloropropane	mg/kg	.027	<	U	.027	.027						.02	<	U	.02	.02
2-Butanone	mg/kg	.036	<	U	.036	.036						.026	<	U	.026	.026
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
2-Hexanone	mg/kg	.036	<	U	.036	.036						.026	<	U	.026	.026
2-Propenal	mg/kg	.18	<	U	.18	.18						.13	<	U	.13	.13
4-Chlorotoluene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Acetone	mg/kg	.036	<	U	.036	.036						.026	<	U	.026	.026
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.18	<	U	.18	.18						.13	<	U	.13	.13
Allyl chloride	mg/kg															
Benzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Bromobenzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Bromochloromethane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Bromodichloromethane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Bromoform	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Bromomethane	mg/kg	.018	<	U	.018	.018						.013	<	U	.013	.013
Carbon disulfide	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Carbon tetrachloride	mg/kg	.018	<	U	.018	.018						.013	<	U	.013	.013

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	46SD07					46SD08					46SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD07-981203					46SD08-981110					46SD08-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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-Dichloroethane	mg/kg						.0085	<	U	.0085	.0085					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.0085	<	U	.0085	.0085					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg						.0085	<	U	.0085	.0085					
1,3-Dichlorobenzene	mg/kg						.0085	<	U	.0085	.0085					
1,3-Dichloropropane	mg/kg						.0085	<	U	.0085	.0085					
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg						.0085	<	U	.0085	.0085					
1,4-Dichlorobenzene	mg/kg						.0085	<	U	.0085	.0085					
1,4-Dioxane	mg/kg						1.7	<	U	1.7	1.7					
2,2-Dichloropropane	mg/kg						.025	<	U	.025	.025					
2-Butanone	mg/kg						.034	<	U	.034	.034					
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg						.0085	<	U	.0085	.0085					
2-Hexanone	mg/kg						.034	<	U	.034	.034					
2-Propenal	mg/kg						.17	<	U	.17	.17					
4-Chlorotoluene	mg/kg						.0085	<	U	.0085	.0085					
Acetone	mg/kg						.034	<	U	.034	.034					
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg						.17	<	U	.17	.17					
Allyl chloride	mg/kg															
Benzene	mg/kg						.0085	<	U	.0085	.0085					
Bromobenzene	mg/kg						.0085	<	U	.0085	.0085					
Bromochloromethane	mg/kg						.0085	<	U	.0085	.0085					
Bromodichloromethane	mg/kg						.0085	<	U	.0085	.0085					
Bromoform	mg/kg						.0085	<	U	.0085	.0085					
Bromomethane	mg/kg						.017	<	U	.017	.017					
Carbon disulfide	mg/kg						.0085	<	U	.0085	.0085					
Carbon tetrachloride	mg/kg						.017	<	U	.017	.017					

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:		50SD01					50SD01					50SD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		LH50SD01(0-1)					LH50SD01(0-1)QC					LH50SD02(0-1)				
	Sample Date:		29-NOV-95					29-NOV-95					29-NOV-95				
	Sample Depth:		.0 - 1					.0 - 1					.0 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
VOLATILES																	
1,2-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
1,3,5-Trimethylbenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
1,3-Dichlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
1,3-Dichloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
1,3-Dimethylbenzene (m-Xylene)	mg/kg																
1,4-Dichloro-2-butene	mg/kg																
1,4-Dichlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
1,4-Dioxane	mg/kg																
2,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
2-Butanone	mg/kg																
2-Chloroethyl vinyl ether	mg/kg																
2-Chlorotoluene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
2-Hexanone	mg/kg																
2-Propenal	mg/kg																
4-Chlorotoluene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Acetone	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.013	<	U	.013	.013	
Acetonitrile	mg/kg																
Acrylonitrile	mg/kg																
Allyl chloride	mg/kg																
Benzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Bromobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Bromochloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Bromodichloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Bromoform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Bromomethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.013	<	U	.013	.013	
Carbon disulfide	mg/kg																
Carbon tetrachloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		50SD03					50SD04					50SD05				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		50SD03-981112					50SD04-981111					50SD05-981111				
	Sample Date:		12-NOV-98					11-NOV-98					11-NOV-98				
	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-Dichloroethane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
1,2-Dimethylbenzene (o-Xylene)	mg/kg																
1,3,5-Trimethylbenzene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
1,3-Dichlorobenzene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
1,3-Dichloropropane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
1,3-Dimethylbenzene (m-Xylene)	mg/kg																
1,4-Dichloro-2-butene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
1,4-Dichlorobenzene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
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	.022	<	U	.022	.022	.023	<	U	.023	.023	.02	<	U	.02	.02	
2-Butanone	mg/kg	.029	<	U	.029	.029	.031	<	U	.031	.031	.027	<	U	.027	.027	
2-Chloroethyl vinyl ether	mg/kg																
2-Chlorotoluene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
2-Hexanone	mg/kg	.029	<	U	.029	.029	.031	<	U	.031	.031	.027	<	U	.027	.027	
2-Propenal	mg/kg	.14	<	U	.14	.14	.16	<	U	.16	.16	.14	<	U	.14	.14	
4-Chlorotoluene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Acetone	mg/kg	.029	<	U	.029	.029	.0052		J	.031	.031	.0017		J	.027	.027	
Acetonitrile	mg/kg																
Acrylonitrile	mg/kg	.14	<	U	.14	.14	.16	<	U	.16	.16	.14	<	U	.14	.14	
Allyl chloride	mg/kg																
Benzene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Bromobenzene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Bromochloromethane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Bromodichloromethane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Bromoform	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Bromomethane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014	
Carbon disulfide	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Carbon tetrachloride	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	50SD06					50SD06					50SD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD06-981110					C-50SD06QC-981110					50SD06-981111				
	Sample Date:	10-NOV-98					10-NOV-98					11-NOV-98				
	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-Dichloroethane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,3-Dichlorobenzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,3-Dichloropropane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,4-Dichlorobenzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
1,4-Dioxane	mg/kg	1.4	<	U	1.4	1.4	1.3	<	U	1.3	1.3					
2,2-Dichloropropane	mg/kg	.021	<	U	.021	.021	.02	<	U	.02	.02					
2-Butanone	mg/kg	.028	<	U	.028	.028	.027	<	U	.027	.027					
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
2-Hexanone	mg/kg	.028	<	U	.028	.028	.027	<	U	.027	.027					
2-Propenal	mg/kg	.14	<	U	.14	.14	.13	<	U	.13	.13					
4-Chlorotoluene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Acetone	mg/kg	.028	<	U	.028	.028	.027	<	U	.027	.027					
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.14	<	U	.14	.14	.13	<	U	.13	.13					
Allyl chloride	mg/kg															
Benzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Bromobenzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Bromochloromethane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Bromodichloromethane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Bromoform	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Bromomethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013					
Carbon disulfide	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Carbon tetrachloride	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD06					50SD07					50SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	C-50SD06QC-981111					50SD07-981111					50SD08-981111				
	Sample Date:	11-NOV-98					11-NOV-98					11-NOV-98				
	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-Dichloroethane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,3-Dichlorobenzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,3-Dichloropropane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,4-Dichlorobenzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
1,4-Dioxane	mg/kg						1.5	<	U	1.5	1.5	1.6	<	U	1.6	1.6
2,2-Dichloropropane	mg/kg						.022	<	U	.022	.022	.024	<	U	.024	.024
2-Butanone	mg/kg						.029	<	U	.029	.029	.0024		J	.032	.032
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
2-Hexanone	mg/kg						.029	<	U	.029	.029	.032	<	U	.032	.032
2-Propenal	mg/kg						.15	<	U	.15	.15	.16	<	U	.16	.16
4-Chlorotoluene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Acetone	mg/kg						.029	<	U	.029	.029	.011		J	.032	.032
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg						.15	<	U	.15	.15	.16	<	U	.16	.16
Allyl chloride	mg/kg															
Benzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Bromobenzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Bromochloromethane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Bromodichloromethane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Bromoform	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Bromomethane	mg/kg						.015	<	U	.015	.015	.016	<	U	.016	.016
Carbon disulfide	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Carbon tetrachloride	mg/kg						.015	<	U	.015	.015	.016	<	U	.016	.016

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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60SD02

Goose Prairie Creek

60SD02QC

10-NOV-98

.0 - 0

 $El = VO$

Units

MDL

 RL

 RL MDL

mg/kg

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Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloroethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.0125	<	U	.0125	-99						.00668	<	U	.00668	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.125	<	U	.125	-99						.0668	<	U	.0668	-99
2-Chloroethyl vinyl ether	mg/kg	.0312	<	U	.0312	-99						.0167	<	U	.0167	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.0312	<	U	.0312	-99						.0167	<	U	.0167	-99
2-Propenal	mg/kg	.125	<	U	.125	-99						.0668	<	U	.0668	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.5			.04	-99						.276			.04	-99
Acetonitrile	mg/kg	.312	<	U	.312	-99						.167	<	U	.167	-99
Acrylonitrile	mg/kg	.125	<	U	.125	-99						.0668	<	U	.0668	-99
Allyl chloride	mg/kg															
Benzene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Bromoform	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Bromomethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Carbon disulfide	mg/kg	.0366			.002	-99						.0408			.002	-99
Carbon tetrachloride	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-2					CL-GPSN-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1(2)					CL-GPSN-2 (1)					CL-GPSN-2(1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	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																
1,2-Dichloroethane	mg/kg						.0074	<	U		.0074					-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.0074	<	U		.0074					-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg						.0074	<	U		.0074					-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg						.0074	<	U		.0074					-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg						.0148	<	U		.0148					-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg						.0074	<	U		.0074					-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg						.148	<	U		.148					-99
2-Chloroethyl vinyl ether	mg/kg						.037	<	U		.037					-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg						.037	<	U		.037					-99
2-Propenal	mg/kg						.148	<	U		.148					-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg						.739				.04					-99
Acetonitrile	mg/kg						.37	<	U		.37					-99
Acrylonitrile	mg/kg						.148	<	U		.148					-99
Allyl chloride	mg/kg															
Benzene	mg/kg						.0074	<	U		.0074					-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg						.0074	<	U		.0074					-99
Bromoform	mg/kg						.0074	<	U		.0074					-99
Bromomethane	mg/kg						.0074	<	U		.0074					-99
Carbon disulfide	mg/kg						.0132				.002					-99
Carbon tetrachloride	mg/kg						.0074	<	U		.0074					-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-2					CL-GPSN-2					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-2 (2)					CL-GPSN-2(2)					CL-GPSN-3 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloroethane	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.00976	<	U	.00976	-99						.0133	<	U	.0133	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.0976	<	U	.0976	-99						.133	<	U	.133	-99
2-Chloroethyl vinyl ether	mg/kg	.0244	<	U	.0244	-99						.0333	<	U	.0333	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.0244	<	U	.0244	-99						.0333	<	U	.0333	-99
2-Propenal	mg/kg	.0976	<	U	.0976	-99						.133	<	U	.133	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.253			.04	-99						.582			.04	-99
Acetonitrile	mg/kg	.244	<	U	.244	-99						.333	<	U	.333	-99
Acrylonitrile	mg/kg	.0976	<	U	.0976	-99						.133	<	U	.133	-99
Allyl chloride	mg/kg															
Benzene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Bromoform	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Bromomethane	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
Carbon disulfide	mg/kg	.00371		J	.002	-99						.0184			.002	-99
Carbon tetrachloride	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(1)					CL-GPSN-3 (2)					CL-GPSN-3 (2) QC				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 -0.5					.5 -1					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloroethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg						.0102	<	U	.0102	-99	.00944	<	U	.00944	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg						.102	<	U	.102	-99	.0944	<	U	.0944	-99
2-Chloroethyl vinyl ether	mg/kg						.0256	<	U	.0256	-99					
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg						.0256	<	U	.0256	-99	.0236	<	U	.0236	-99
2-Propenal	mg/kg						.102	<	U	.102	-99	.0944	<	U	.0944	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg						.242			.04	-99	.539			.04	-99
Acetonitrile	mg/kg						.256	<	U	.256	-99	.236	<	U	.236	-99
Acrylonitrile	mg/kg						.102	<	U	.102	-99	.0944	<	U	.0944	-99
Allyl chloride	mg/kg															
Benzene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Bromoform	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Bromomethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Carbon disulfide	mg/kg						.00292		J	.002	-99	.0212			.002	-99
Carbon tetrachloride	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(2)					CL-GPSN-3(2) QC					CL-GPSN-4 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloroethane	mg/kg											.0111	<	U	.0111	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg											.0111	<	U	.0111	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg											.0111	<	U	.0111	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg											.0111	<	U	.0111	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg											.0222	<	U	.0222	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg											.0111	<	U	.0111	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg											.222	<	U	.222	-99
2-Chloroethyl vinyl ether	mg/kg											.0555	<	U	.0555	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg											.0555	<	U	.0555	-99
2-Propenal	mg/kg											.222	<	U	.222	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg											1.35			.04	-99
Acetonitrile	mg/kg											.555	<	U	.555	-99
Acrylonitrile	mg/kg											.222	<	U	.222	-99
Allyl chloride	mg/kg															
Benzene	mg/kg											.0111	<	U	.0111	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg											.0111	<	U	.0111	-99
Bromoform	mg/kg											.0111	<	U	.0111	-99
Bromomethane	mg/kg											.0111	<	U	.0111	-99
Carbon disulfide	mg/kg											.0479			.002	-99
Carbon tetrachloride	mg/kg											.0111	<	U	.0111	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-4					CL-GPSN-4					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-4(1)					CL-GPSN-4 (2)					CL-GPSN-4(2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloroethane	mg/kg						.00312	<	U	.00312	-99					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.00312	<	U	.00312	-99					
1,2-Dimethylbenzene (o-Xylene)	mg/kg						.00312	<	U	.00312	-99					
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg						.00312	<	U	.00312	-99					
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg						.00624	<	U	.00624	-99					
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg						.00312	<	U	.00312	-99					
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg						.0624	<	U	.0624	-99					
2-Chloroethyl vinyl ether	mg/kg						.0156	<	U	.0156	-99					
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg						.0156	<	U	.0156	-99					
2-Propenal	mg/kg						.0624	<	U	.0624	-99					
4-Chlorotoluene	mg/kg															
Acetone	mg/kg						.218			.04	-99					
Acetonitrile	mg/kg						.156	<	U	.156	-99					
Acrylonitrile	mg/kg						.0624	<	U	.0624	-99					
Allyl chloride	mg/kg															
Benzene	mg/kg						.00312	<	U	.00312	-99					
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg						.00312	<	U	.00312	-99					
Bromoform	mg/kg						.00312	<	U	.00312	-99					
Bromomethane	mg/kg						.00312	<	U	.00312	-99					
Carbon disulfide	mg/kg						.00739			.002	-99					
Carbon tetrachloride	mg/kg						.00312	<	U	.00312	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-1					CL-GPSS-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1 (1)					CL-GPSS-1(1)					CL-GPSS-1 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloroethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.0129	<	U	.0129	-99						.004	<	U	.004	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg	.129	<	U	.129	-99						.04	<	U	.04	-99
2-Chloroethyl vinyl ether	mg/kg	.0323	<	U	.0323	-99						.01	<	U	.01	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.0323	<	U	.0323	-99						.01	<	U	.01	-99
2-Propenal	mg/kg	.129	<	U	.129	-99						.04	<	U	.04	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.175			.04	-99						.132			.04	-99
Acetonitrile	mg/kg	.323	<	U	.323	-99						.1	<	U	.1	-99
Acrylonitrile	mg/kg	.129	<	U	.129	-99						.04	<	U	.04	-99
Allyl chloride	mg/kg															
Benzene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Bromoform	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Bromomethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Carbon disulfide	mg/kg	.0599			.002	-99						.0157			.002	-99
Carbon tetrachloride	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1(2)					CL-GPSS-2 (1)					CL-GPSS-2 (1) QC				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
1,2-Dichloroethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg						.0108	<	U	.0108	-99	.0133	<	U	.0133	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg						.108	<	U	.108	-99	.133	<	U	.133	-99
2-Chloroethyl vinyl ether	mg/kg						.027	<	U	.027	-99					
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg						.027	<	U	.027	-99	.0333	<	U	.0333	-99
2-Propenal	mg/kg						.108	<	U	.108	-99	.133	<	U	.133	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg						.459			.04	-99	.789			.04	-99
Acetonitrile	mg/kg						.27	<	U	.27	-99	.333	<	U	.333	-99
Acrylonitrile	mg/kg						.108	<	U	.108	-99	.133	<	U	.133	-99
Allyl chloride	mg/kg															
Benzene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Bromoform	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Bromomethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Carbon disulfide	mg/kg						.00932			.002	-99	.0223			.002	-99
Carbon tetrachloride	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(1)					CL-GPSS-2(1)QC					CL-GPSS-2 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloroethane	mg/kg											.004	<	U	.004	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg											.004	<	U	.004	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg											.004	<	U	.004	-99
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg											.004	<	U	.004	-99
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg											.008	<	U	.008	-99
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg											.004	<	U	.004	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg											.08	<	U	.08	-99
2-Chloroethyl vinyl ether	mg/kg											.02	<	U	.02	-99
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg											.02	<	U	.02	-99
2-Propenal	mg/kg											.08	<	U	.08	-99
4-Chlorotoluene	mg/kg															
Acetone	mg/kg											.314			.04	-99
Acetonitrile	mg/kg											.2	<	U	.2	-99
Acrylonitrile	mg/kg											.08	<	U	.08	-99
Allyl chloride	mg/kg															
Benzene	mg/kg											.004	<	U	.004	-99
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg											.004	<	U	.004	-99
Bromoform	mg/kg											.004	<	U	.004	-99
Bromomethane	mg/kg											.004	<	U	.004	-99
Carbon disulfide	mg/kg											.0102			.002	-99
Carbon tetrachloride	mg/kg											.004	<	U	.004	-99

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-3					CL-GPSS-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(2)					CL-GPSS-3 (1)					CL-GPSS-3(1)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
1,2-Dichloroethane	mg/kg						.00384	<	U	.00384	-99					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.00384	<	U	.00384	-99					
1,2-Dimethylbenzene (o-Xylene)	mg/kg						.00384	<	U	.00384	-99					
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg						.00384	<	U	.00384	-99					
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg						.00768	<	U	.00768	-99					
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg						.00384	<	U	.00384	-99					
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg						.0768	<	U	.0768	-99					
2-Chloroethyl vinyl ether	mg/kg						.0192	<	U	.0192	-99					
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg						.0192	<	U	.0192	-99					
2-Propenal	mg/kg						.0768	<	U	.0768	-99					
4-Chlorotoluene	mg/kg															
Acetone	mg/kg						.214			.04	-99					
Acetonitrile	mg/kg						.192	<	U	.192	-99					
Acrylonitrile	mg/kg						.0768	<	U	.0768	-99					
Allyl chloride	mg/kg															
Benzene	mg/kg						.00384	<	U	.00384	-99					
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg						.00384	<	U	.00384	-99					
Bromoform	mg/kg						.00384	<	U	.00384	-99					
Bromomethane	mg/kg						.00384	<	U	.00384	-99					
Carbon disulfide	mg/kg						.00733			.002	-99					
Carbon tetrachloride	mg/kg						.00384	<	U	.00384	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		CL-GPSS-3					CL-GPSS-3					CL-GPSS-4				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		CL-GPSS-3 (2)					CL-GPSS-3(2)					CL-GPSS-4 (1)				
	Sample Date:		09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:		.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
VOLATILES																	
1,2-Dichloroethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
1,2-Dimethylbenzene (o-Xylene)	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
1,3,5-Trimethylbenzene	mg/kg																
1,3-Dichlorobenzene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
1,3-Dichloropropane	mg/kg																
1,3-Dimethylbenzene (m-Xylene)	mg/kg	.00608	<	U	.00608	-99						.00832	<	U	.00832	-99	
1,4-Dichloro-2-butene	mg/kg																
1,4-Dichlorobenzene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
1,4-Dioxane	mg/kg																
2,2-Dichloropropane	mg/kg																
2-Butanone	mg/kg	.0608	<	U	.0608	-99						.0832	<	U	.0832	-99	
2-Chloroethyl vinyl ether	mg/kg	.0152	<	U	.0152	-99						.0208	<	U	.0208	-99	
2-Chlorotoluene	mg/kg																
2-Hexanone	mg/kg	.0152	<	U	.0152	-99						.0208	<	U	.0208	-99	
2-Propenal	mg/kg	.0608	<	U	.0608	-99						.0832	<	U	.0832	-99	
4-Chlorotoluene	mg/kg																
Acetone	mg/kg	.071			.04	-99						.377			.04	-99	
Acetonitrile	mg/kg	.152	<	U	.152	-99						.208	<	U	.208	-99	
Acrylonitrile	mg/kg	.0608	<	U	.0608	-99						.0832	<	U	.0832	-99	
Allyl chloride	mg/kg																
Benzene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Bromobenzene	mg/kg																
Bromochloromethane	mg/kg																
Bromodichloromethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Bromoform	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Bromomethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	
Carbon disulfide	mg/kg	.00882			.002	-99						.0297			.002	-99	
Carbon tetrachloride	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99	

Exhibit 1
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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	CL-GPSS-4					CL-GPSS-4					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-4(1)					CL-GPSS-4 (2)					CL-GPSS-4(2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloroethane	mg/kg						.002	<	U	.002	-99					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.002	<	U	.002	-99					
1,2-Dimethylbenzene (o-Xylene)	mg/kg						.002	<	U	.002	-99					
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg						.002	<	U	.002	-99					
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	mg/kg						.004	<	U	.004	-99					
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg						.002	<	U	.002	-99					
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg															
2-Butanone	mg/kg						.04	<	U	.04	-99					
2-Chloroethyl vinyl ether	mg/kg						.01	<	U	.01	-99					
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg						.01	<	U	.01	-99					
2-Propenal	mg/kg						.04	<	U	.04	-99					
4-Chlorotoluene	mg/kg															
Acetone	mg/kg						.0542			.04	-99					
Acetonitrile	mg/kg						.1	<	U	.1	-99					
Acrylonitrile	mg/kg						.04	<	U	.04	-99					
Allyl chloride	mg/kg															
Benzene	mg/kg						.002	<	U	.002	-99					
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg						.002	<	U	.002	-99					
Bromoform	mg/kg						.002	<	U	.002	-99					
Bromomethane	mg/kg						.002	<	U	.002	-99					
Carbon disulfide	mg/kg						.00211			.002	-99					
Carbon tetrachloride	mg/kg						.002	<	U	.002	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	FWS-225					FWS-227					GPCSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CLNWR225					CLNWR227					GPCSD01-981118				
	Sample Date:	09-SEP-03					09-SEP-03					18-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloroethane	mg/kg											.0096	<	U	.0096	.0096
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg											.0096	<	U	.0096	.0096
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg											.0096	<	U	.0096	.0096
1,3-Dichlorobenzene	mg/kg											.0096	<	U	.0096	.0096
1,3-Dichloropropane	mg/kg											.0096	<	U	.0096	.0096
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg											.0096	<	U	.0096	.0096
1,4-Dichlorobenzene	mg/kg											.0096	<	U	.0096	.0096
1,4-Dioxane	mg/kg											1.9	<	U	1.9	1.9
2,2-Dichloropropane	mg/kg											.029	<	U	.029	.029
2-Butanone	mg/kg											.038	<	U	.038	.038
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg											.0096	<	U	.0096	.0096
2-Hexanone	mg/kg											.038	<	U	.038	.038
2-Propenal	mg/kg											.19	<	U	.19	.19
4-Chlorotoluene	mg/kg											.0096	<	U	.0096	.0096
Acetone	mg/kg											.038	<	U	.038	.038
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg											.19	<	U	.19	.19
Allyl chloride	mg/kg															
Benzene	mg/kg											.0096	<	U	.0096	.0096
Bromobenzene	mg/kg											.0096	<	U	.0096	.0096
Bromochloromethane	mg/kg											.0096	<	U	.0096	.0096
Bromodichloromethane	mg/kg											.0096	<	U	.0096	.0096
Bromoform	mg/kg											.0096	<	U	.0096	.0096
Bromomethane	mg/kg											.019	<	U	.019	.019
Carbon disulfide	mg/kg											.0096	<	U	.0096	.0096
Carbon tetrachloride	mg/kg											.019	<	U	.019	.019

Exhibit 1
Summary of Validated Sediment Analytical Data
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User Test Group	Location Code:	GPCSD01					GPCSD02					GPCSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD01-981202					GPCSD02-981118					GPCSD02-981202				
	Sample Date:	02-DEC-98					18-NOV-98					02-DEC-98				
	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-Dichloroethane	mg/kg						.0077	<	U	.0077	.0077					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg						.0077	<	U	.0077	.0077					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg						.0077	<	U	.0077	.0077					
1,3-Dichlorobenzene	mg/kg						.0077	<	U	.0077	.0077					
1,3-Dichloropropane	mg/kg						.0077	<	U	.0077	.0077					
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg						.0077	<	U	.0077	.0077					
1,4-Dichlorobenzene	mg/kg						.0077	<	U	.0077	.0077					
1,4-Dioxane	mg/kg						1.5	<	U	1.5	1.5					
2,2-Dichloropropane	mg/kg						.023	<	U	.023	.023					
2-Butanone	mg/kg						.0058		J	.031	.031					
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg						.0077	<	U	.0077	.0077					
2-Hexanone	mg/kg						.031	<	U	.031	.031					
2-Propenal	mg/kg						.15	<	U	.15	.15					
4-Chlorotoluene	mg/kg						.0077	<	U	.0077	.0077					
Acetone	mg/kg						.021		J	.031	.031					
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg						.15	<	U	.15	.15					
Allyl chloride	mg/kg															
Benzene	mg/kg						.0077	<	U	.0077	.0077					
Bromobenzene	mg/kg						.0077	<	U	.0077	.0077					
Bromochloromethane	mg/kg						.0077	<	U	.0077	.0077					
Bromodichloromethane	mg/kg						.0077	<	U	.0077	.0077					
Bromoform	mg/kg						.0077	<	U	.0077	.0077					
Bromomethane	mg/kg						.015	<	U	.015	.015					
Carbon disulfide	mg/kg						.0017		J	.0077	.0077					
Carbon tetrachloride	mg/kg						.015	<	U	.015	.015					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	GPCSD03					GPCSD04					GPCSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD03					GPCSD04-981116					GPCSD04-981202				
	Sample Date:	17-NOV-98					16-NOV-98					02-DEC-98				
	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-Dichloroethane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,3-Dichlorobenzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,3-Dichloropropane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,4-Dichlorobenzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
1,4-Dioxane	mg/kg	1.3	<	U	1.3	1.3	1.3	<	U	1.3	1.3					
2,2-Dichloropropane	mg/kg	.019	<	U	.019	.019	.02	<	U	.02	.02					
2-Butanone	mg/kg	.025	<	U	.025	.025	.026	<	U	.026	.026					
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
2-Hexanone	mg/kg	.025	<	U	.025	.025	.026	<	U	.026	.026					
2-Propenal	mg/kg	.13	<	U	.13	.13	.13	<	U	.13	.13					
4-Chlorotoluene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Acetone	mg/kg	.025	<	U	.025	.025	.0044		J	.026	.026					
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.13	<	U	.13	.13	.13	<	U	.13	.13					
Allyl chloride	mg/kg															
Benzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Bromobenzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Bromochloromethane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Bromodichloromethane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Bromoform	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Bromomethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013					
Carbon disulfide	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Carbon tetrachloride	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPCSD05					GPCSD05					GPCSD06				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPCSD05-981116					GPCSD05-981202					GPCSD06				
	Sample Date:		16-NOV-98					02-DEC-98					16-NOV-98				
	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-Dichloroethane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
1,2-Dimethylbenzene (o-Xylene)	mg/kg																
1,3,5-Trimethylbenzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
1,3-Dichlorobenzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
1,3-Dichloropropane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
1,3-Dimethylbenzene (m-Xylene)	mg/kg																
1,4-Dichloro-2-butene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
1,4-Dichlorobenzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
1,4-Dioxane	mg/kg	1.4	<	U	1.4	1.4						1.4	<	U	1.4	1.4	
2,2-Dichloropropane	mg/kg	.02	<	U	.02	.02						.021	<	U	.021	.021	
2-Butanone	mg/kg	.0016			.027	.027						.028	<	U	.028	.028	
2-Chloroethyl vinyl ether	mg/kg																
2-Chlorotoluene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
2-Hexanone	mg/kg	.027	<	U	.027	.027						.028	<	U	.028	.028	
2-Propenal	mg/kg	.14	<	U	.14	.14						.14	<	U	.14	.14	
4-Chlorotoluene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Acetone	mg/kg	.0069			.027	.027						.028	<	U	.028	.028	
Acetonitrile	mg/kg																
Acrylonitrile	mg/kg	.14	<	U	.14	.14						.14	<	U	.14	.14	
Allyl chloride	mg/kg																
Benzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Bromobenzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Bromochloromethane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Bromodichloromethane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Bromoform	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Bromomethane	mg/kg	.014	<	U	.014	.014						.014	<	U	.014	.014	
Carbon disulfide	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Carbon tetrachloride	mg/kg	.014	<	U	.014	.014						.014	<	U	.014	.014	

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User Test Group	Location Code:		GPCSD06					GPCSD07					GPCSD07				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPCSD06QC					GPCSD07-981116					GPCSD07-981203				
	Sample Date:		16-NOV-98					16-NOV-98					03-DEC-98				
	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-Dichloroethane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
1,2-Dimethylbenzene (o-Xylene)	mg/kg																
1,3,5-Trimethylbenzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
1,3-Dichlorobenzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
1,3-Dichloropropane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
1,3-Dimethylbenzene (m-Xylene)	mg/kg																
1,4-Dichloro-2-butene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
1,4-Dichlorobenzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
1,4-Dioxane	mg/kg	1.4	<	U	1.4	1.4	1.3	<	U	1.3	1.3						
2,2-Dichloropropane	mg/kg	.021	<	U	.021	.021	.02	<	U	.02	.02						
2-Butanone	mg/kg	.028	<	U	.028	.028	.026	<	U	.026	.026						
2-Chloroethyl vinyl ether	mg/kg																
2-Chlorotoluene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
2-Hexanone	mg/kg	.028	<	U	.028	.028	.026	<	U	.026	.026						
2-Propenal	mg/kg	.14	<	U	.14	.14	.13	<	U	.13	.13						
4-Chlorotoluene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Acetone	mg/kg	.028	<	U	.028	.028	.026	<	U	.026	.026						
Acetonitrile	mg/kg																
Acrylonitrile	mg/kg	.14	<	U	.14	.14	.13	<	U	.13	.13						
Allyl chloride	mg/kg																
Benzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Bromobenzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Bromochloromethane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Bromodichloromethane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Bromoform	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Bromomethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013						
Carbon disulfide	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Carbon tetrachloride	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013						

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD08					GPCSD10					GPCSD10				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD08					GPCSD10-981111					GPCSD10-981203				
	Sample Date:	11-NOV-98					11-NOV-98					03-DEC-98				
	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-Dichloroethane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,3-Dichlorobenzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,3-Dichloropropane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,4-Dichlorobenzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
1,4-Dioxane	mg/kg	1.3	<	U	1.3	1.3	1.4	<	U	1.4	1.4					
2,2-Dichloropropane	mg/kg	.02	<	U	.02	.02	.02	<	U	.02	.02					
2-Butanone	mg/kg	.026	<	U	.026	.026	.027	<	U	.027	.027					
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
2-Hexanone	mg/kg	.026	<	U	.026	.026	.027	<	U	.027	.027					
2-Propenal	mg/kg	.13	<	U	.13	.13	.14	<	U	.14	.14					
4-Chlorotoluene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Acetone	mg/kg	.026	<	U	.026	.026	.004		J	.027	.027					
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.13	<	U	.13	.13	.14	<	U	.14	.14					
Allyl chloride	mg/kg															
Benzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Bromobenzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Bromochloromethane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Bromodichloromethane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Bromoform	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Bromomethane	mg/kg	.013	<	U	.013	.013	.014	<	U	.014	.014					
Carbon disulfide	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Carbon tetrachloride	mg/kg	.013	<	U	.013	.013	.014	<	U	.014	.014					

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:		GPS-1					GPS-11					GPS-12				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPS-1					GPS-11					GPS-12				
	Sample Date:		07-AUG-96					04-SEP-97					04-SEP-97				
	Sample Depth:		.0 - 0.5					.0 - 0					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
VOLATILES																	
1,2-Dichloroethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
1,2-Dimethylbenzene (o-Xylene)	mg/kg						.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
1,3,5-Trimethylbenzene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
1,3-Dichlorobenzene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
1,3-Dichloropropane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
1,3-Dimethylbenzene (m-Xylene)	mg/kg																
1,4-Dichloro-2-butene	mg/kg																
1,4-Dichlorobenzene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
1,4-Dioxane	mg/kg																
2,2-Dichloropropane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
2-Butanone	mg/kg						.136	<	U	.136	-99	.173	<	U	.173	-99	
2-Chloroethyl vinyl ether	mg/kg						.0136	<	U	.0136	-99	.0173	<	U	.0173	-99	
2-Chlorotoluene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
2-Hexanone	mg/kg						.0682	<	U	.0682	-99	.0867	<	U	.0867	-99	
2-Propenal	mg/kg																
4-Chlorotoluene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Acetone	mg/kg						.0273	<	U	.0273	-99	.0347	<	U	.0347	-99	
Acetonitrile	mg/kg																
Acrylonitrile	mg/kg						.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Allyl chloride	mg/kg																
Benzene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Bromobenzene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Bromochloromethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Bromodichloromethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Bromoform	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Bromomethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Carbon disulfide	mg/kg						.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Carbon tetrachloride	mg/kg	.0014	<	U	.0014	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-2					GPS-3					GPS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-2					GPS-3					GPS-4				
	Sample Date:	07-AUG-96					07-AUG-96					07-AUG-96				
	Sample Depth:	.0 - 0.5					.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-Dichloroethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,3-Dichlorobenzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,3-Dichloropropane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg															
1,4-Dichlorobenzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
1,4-Dioxane	mg/kg															
2,2-Dichloropropane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
2-Butanone	mg/kg															
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
2-Hexanone	mg/kg															
2-Propenal	mg/kg															
4-Chlorotoluene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
Acetone	mg/kg															
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg															
Allyl chloride	mg/kg															
Benzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
Bromobenzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
Bromochloromethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
Bromodichloromethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
Bromoform	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
Bromomethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99
Carbon disulfide	mg/kg															
Carbon tetrachloride	mg/kg	.0018	<	U	.0018	-99	.0023	<	U	.0023	-99	.0017	<	U	.0017	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-5					GPS-6					GPWSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-5					GPS-6					GPWSD01				
	Sample Date:	08-AUG-96					08-AUG-96					19-NOV-98				
	Sample Depth:	.0 -0.5					.0 -0.5					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
1,2-Dichloroethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,3-Dichlorobenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,3-Dichloropropane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg											.0086	<	U	.0086	.0086
1,4-Dichlorobenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
1,4-Dioxane	mg/kg											1.7	<	U	1.7	1.7
2,2-Dichloropropane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.026	<	U	.026	.026
2-Butanone	mg/kg											.0036		J	.034	.034
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
2-Hexanone	mg/kg											.034	<	U	.034	.034
2-Propenal	mg/kg											.17	<	U	.17	.17
4-Chlorotoluene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Acetone	mg/kg											.0092		J	.034	.034
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg											.17	<	U	.17	.17
Allyl chloride	mg/kg															
Benzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Bromobenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Bromochloromethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Bromodichloromethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Bromoform	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Bromomethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.017	<	U	.017	.017
Carbon disulfide	mg/kg											.0086	<	U	.0086	.0086
Carbon tetrachloride	mg/kg	.0016	<	U	.0016	-99	.0015	<	U	.0015	-99	.017	<	U	.017	.017

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPWSD01					GPWSD02					GPWSD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPWSD01QC					GPWSD02-981201					GPWSD02-981202				
	Sample Date:		19-NOV-98					01-DEC-98					02-DEC-98				
	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-Dichloroethane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
1,2-Dichloroethene	mg/kg																
1,2-Dichloropropane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
1,2-Dimethylbenzene (o-Xylene)	mg/kg																
1,3,5-Trimethylbenzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
1,3-Dichlorobenzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
1,3-Dichloropropane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
1,3-Dimethylbenzene (m-Xylene)	mg/kg																
1,4-Dichloro-2-butene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
1,4-Dichlorobenzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
1,4-Dioxane	mg/kg	1.7	<	U	1.7	1.7	1.9	<	U	1.9	1.9						
2,2-Dichloropropane	mg/kg	.026	<	U	.026	.026	.028	<	U	.028	.028						
2-Butanone	mg/kg	.026		J	.034	.034	.038	<	U	.038	.038						
2-Chloroethyl vinyl ether	mg/kg																
2-Chlorotoluene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
2-Hexanone	mg/kg	.034	<	U	.034	.034	.038	<	U	.038	.038						
2-Propenal	mg/kg	.17	<	U	.17	.17	.19	<	U	.19	.19						
4-Chlorotoluene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Acetone	mg/kg	.072			.034	.034	.038	<	U	.038	.038						
Acetonitrile	mg/kg																
Acrylonitrile	mg/kg	.17	<	U	.17	.17	.19	<	U	.19	.19						
Allyl chloride	mg/kg																
Benzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Bromobenzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Bromochloromethane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Bromodichloromethane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Bromoform	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Bromomethane	mg/kg	.017	<	U	.017	.017	.019	<	U	.019	.019						
Carbon disulfide	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Carbon tetrachloride	mg/kg	.017	<	U	.017	.017	.019	<	U	.019	.019						

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPWSD03					GPWSD03					GPWSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPWSD03-981201					GPWSD03-981202					GPWSD04-981120				
	Sample Date:	01-DEC-98					02-DEC-98					20-NOV-98				
	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-Dichloroethane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,2-Dichloroethene	mg/kg															
1,2-Dichloropropane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,3-Dichlorobenzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,3-Dichloropropane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,3-Dimethylbenzene (m-Xylene)	mg/kg															
1,4-Dichloro-2-butene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,4-Dichlorobenzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
1,4-Dioxane	mg/kg	1.7	<	U	1.7	1.7						1.2	<	U	1.2	1.2
2,2-Dichloropropane	mg/kg	.025	<	U	.025	.025						.018	<	U	.018	.018
2-Butanone	mg/kg	.033	<	U	.033	.033						.024	<	U	.024	.024
2-Chloroethyl vinyl ether	mg/kg															
2-Chlorotoluene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
2-Hexanone	mg/kg	.033	<	U	.033	.033						.024	<	U	.024	.024
2-Propenal	mg/kg	.17	<	U	.17	.17						.12	<	U	.12	.12
4-Chlorotoluene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
Acetone	mg/kg	.033	<	U	.033	.033						.024	<	U	.024	.024
Acetonitrile	mg/kg															
Acrylonitrile	mg/kg	.17	<	U	.17	.17						.12	<	U	.12	.12
Allyl chloride	mg/kg															
Benzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
Bromobenzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
Bromochloromethane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
Bromodichloromethane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
Bromoform	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
Bromomethane	mg/kg	.017	<	U	.017	.017						.012	<	U	.012	.012
Carbon disulfide	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006
Carbon tetrachloride	mg/kg	.017	<	U	.017	.017						.012	<	U	.012	.012

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Sample Date:	12-JAN-95					12-JAN-95					12-JAN-95				
	Sample Depth:	.0 - 0.5					.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-Dichloroethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,2-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,2-Dichloropropane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
1,2-Dimethylbenzene (o-Xylene)	mg/kg															
1,3,5-Trimethylbenzene	mg/kg															
1,3-Dichlorobenzene	mg/kg															
1,3-Dichloropropane	mg/kg															
1,3-Dimethylbenzene (m-Xylene)	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	.012	<	U	.012	.012	.012	<	U	.012	.012	.013	<	U	.013	.013
2-Chloroethyl vinyl ether	mg/kg	.012	<	U	.012	.012	.012	<	U	.012	.012	.013	<	U	.013	.013
2-Chlorotoluene	mg/kg															
2-Hexanone	mg/kg	.012	<	U	.012	.012	.012	<	U	.012	.012	.013	<	U	.013	.013
2-Propenal	mg/kg	.61	<	U	.61	.61	.61	<	U	.61	.61	.63	<	U	.63	.63
4-Chlorotoluene	mg/kg															
Acetone	mg/kg	.012	<	U	.012	.012	.012	<	U	.012	.012	.013	<	U	.013	.013
Acetonitrile	mg/kg	.12	<	U	.12	.12	.12	<	U	.12	.12	.13	<	U	.13	.13
Acrylonitrile	mg/kg	.12	<	U	.12	.12	.12	<	U	.12	.12	.13	<	U	.13	.13
Allyl chloride	mg/kg	.012	<	U	.012	.012	.012	<	U	.012	.012	.013	<	U	.013	.013
Benzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Bromobenzene	mg/kg															
Bromochloromethane	mg/kg															
Bromodichloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Bromoform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Bromomethane	mg/kg	.012	<	U	.012	.012	.012	<	U	.012	.012	.013	<	U	.013	.013
Carbon disulfide	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
Carbon tetrachloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-08					
	Associated Site:	Goose Prairie Creek					
	Sample No:	LHS-GPC-08					
	Sample Date:	12-JAN-95					
	Sample Depth:	.0 - 0.5					
Parameter	Units	Result	Qual	VQ	RL	MDL	
VOLATILES							
1,2-Dichloroethane	mg/kg	.007	<	U	.007	.007	
1,2-Dichloroethene	mg/kg	.007	<	U	.007	.007	
1,2-Dichloropropane	mg/kg	.007	<	U	.007	.007	
1,2-Dimethylbenzene (o-Xylene)	mg/kg						
1,3,5-Trimethylbenzene	mg/kg						
1,3-Dichlorobenzene	mg/kg						
1,3-Dichloropropane	mg/kg						
1,3-Dimethylbenzene (m-Xylene)	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	.013	<	U	.013	.013	
2-Chloroethyl vinyl ether	mg/kg	.013	<	U	.013	.013	
2-Chlorotoluene	mg/kg						
2-Hexanone	mg/kg	.013	<	U	.013	.013	
2-Propenal	mg/kg	.66	<	U	.66	.66	
4-Chlorotoluene	mg/kg						
Acetone	mg/kg	.013	<	U	.013	.013	
Acetonitrile	mg/kg	.13	<	U	.13	.13	
Acrylonitrile	mg/kg	.13	<	U	.13	.13	
Allyl chloride	mg/kg	.013	<	U	.013	.013	
Benzene	mg/kg	.007	<	U	.007	.007	
Bromobenzene	mg/kg						
Bromochloromethane	mg/kg						
Bromodichloromethane	mg/kg	.007	<	U	.007	.007	
Bromoform	mg/kg	.007	<	U	.007	.007	
Bromomethane	mg/kg	.013	<	U	.013	.013	
Carbon disulfide	mg/kg	.007	<	U	.007	.007	
Carbon tetrachloride	mg/kg	.007	<	U	.007	.007	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		29SD12					29SD13					29SD13				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		29SD12(0-0.5)					29SD13(0-0.5)					29SD13(0-0.5)QC				
	Sample Date:		27-APR-93					27-APR-93					27-APR-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	
VOLATILES																	
Chlorobenzene	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Chloroethane	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99	
Chloroform	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Chloromethane	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Dibromomethane	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Dichlorodifluoromethane	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Ethyl methacrylate	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Ethylbenzene	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Hexachlorobutadiene	mg/kg																
IODOMETHANE	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99	
ISOBUTYL ALCOHOL	mg/kg																
Isopropylbenzene	mg/kg																
METHYL METHACRYLATE	mg/kg																
Methacrylonitrile	mg/kg																
Methyl isobutyl ketone	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99	
Methylene chloride	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Naphthalene	mg/kg																
Pentachloroethane	mg/kg																
Propionitrile	mg/kg																
Styrene	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Tetrachloroethene	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Toluene	mg/kg	.031			.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Trichloroethene	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Trichlorofluoromethane	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Vinyl acetate	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
Vinyl chloride	mg/kg	.015	<	U	.015	-99	.019	<	U	.019	-99	.016	<	U	.016	-99	
Xylenes, Total	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	
cis-1,2-Dichloroethene	mg/kg	.0075	<	U	.0075	-99	.0094	<	U	.0094	-99	.0078	<	U	.0078	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		29SD14					29SD15					29SD16				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		29SD14(0.5)					29SD15(0-0.5)					29SD16(0-0.5)				
	Sample Date:		30-APR-93					27-APR-93					27-APR-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	
VOLATILES																	
Chlorobenzene	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Chloroethane	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.014	<	U	.014	-99	
Chloroform	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Chloromethane	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.014	<	U	.014	-99	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Dibromomethane	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Dichlorodifluoromethane	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Ethyl methacrylate	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Ethylbenzene	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Hexachlorobutadiene	mg/kg																
IODOMETHANE	mg/kg	.015	<	U	.015	-99	.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	.015	<	U	.015	-99	.013	<	U	.013	-99	.014	<	U	.014	-99	
Methylene chloride	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Naphthalene	mg/kg																
Pentachloroethane	mg/kg																
Propionitrile	mg/kg																
Styrene	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Tetrachloroethene	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Toluene	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Trichloroethene	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Trichlorofluoromethane	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Vinyl acetate	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
Vinyl chloride	mg/kg	.015	<	U	.015	-99	.013	<	U	.013	-99	.014	<	U	.014	-99	
Xylenes, Total	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	
cis-1,2-Dichloroethene	mg/kg	.0074	<	U	.0074	-99	.0066	<	U	.0066	-99	.007	<	U	.007	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	29SD17					29SD22					29SD27				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	29SD17(0.5)					29SD22					29SD27				
	Sample Date:	30-APR-93					07-OCT-98					08-OCT-98				
	Sample Depth:	.0 - 0.5					.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	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
Chloroethane	mg/kg	.016	<	U	.016	-99	.012	<	U	.012	.012	.013	<	U	.013	.013
Chloroform	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
Chloromethane	mg/kg	.016	<	U	.016	-99	.012	<	U	.012	.012	.013	<	U	.013	.013
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
Dibromomethane	mg/kg	.0079	<	U	.0079	-99	.012	<	U	.012	.012	.013	<	U	.013	.013
Dichlorodifluoromethane	mg/kg	.0079	<	U	.0079	-99	.019	<	U	.019	.019	.02	<	U	.02	.02
Ethyl methacrylate	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
Ethylbenzene	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
Hexachlorobutadiene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
IODOMETHANE	mg/kg	.016	<	U	.016	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
ISOBUTYL ALCOHOL	mg/kg						1.2	<	U	1.2	1.2	1.3	<	U	1.3	1.3
Isopropylbenzene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
METHYL METHACRYLATE	mg/kg						.062	<	U	.062	.062	.067	<	U	.067	.067
Methacrylonitrile	mg/kg						.12	<	U	.12	.12	.13	<	U	.13	.13
Methyl isobutyl ketone	mg/kg	.016	<	U	.016	-99	.025	<	U	.025	.025	.027	<	U	.027	.027
Methylene chloride	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
Naphthalene	mg/kg						.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
Pentachloroethane	mg/kg						.012	<	U	.012	.012	.013	<	U	.013	.013
Propionitrile	mg/kg						.12	<	U	.12	.12	.13	<	U	.13	.13
Styrene	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
Tetrachloroethene	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
Toluene	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
Trichloroethene	mg/kg	.0079	<	U	.0079	-99	.012	<	U	.012	.012	.013	<	U	.013	.013
Trichlorofluoromethane	mg/kg	.0079	<	U	.0079	-99	.012	<	U	.012	.012	.013	<	U	.013	.013
Vinyl acetate	mg/kg	.0079	<	U	.0079	-99	.025	<	U	.025	.025	.027	<	U	.027	.027
Vinyl chloride	mg/kg	.016	<	U	.016	-99	.012	<	U	.012	.012	.013	<	U	.013	.013
Xylenes, Total	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067
cis-1,2-Dichloroethene	mg/kg	.0079	<	U	.0079	-99	.0062	<	U	.0062	.0062	.0067	<	U	.0067	.0067

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:		29SD29					29SD30					29SD31				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		29SD29					29SD30					29SD31				
	Sample Date:		06-OCT-98					07-OCT-98					07-OCT-98				
	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	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
Chloroethane	mg/kg	.015	<	U	.015	.015	.014	<	U	.014	.014	.013	<	U	.013	.013	
Chloroform	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
Chloromethane	mg/kg	.015	<	U	.015	.015	.014	<	U	.014	.014	.013	<	U	.013	.013	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
Dibromomethane	mg/kg	.015	<	U	.015	.015	.014	<	U	.014	.014	.013	<	U	.013	.013	
Dichlorodifluoromethane	mg/kg	.023	<	U	.023	.023	.021	<	U	.021	.021	.02	<	U	.02	.02	
Ethyl methacrylate	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
Ethylbenzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
Hexachlorobutadiene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
IODOMETHANE	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
ISOBUTYL ALCOHOL	mg/kg	1.5	<	U	1.5	1.5	1.4	<	U	1.4	1.4	1.3	<	U	1.3	1.3	
Isopropylbenzene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
METHYL METHACRYLATE	mg/kg	.075	<	U	.075	.075	.072	<	U	.072	.072	.066	<	U	.066	.066	
Methacrylonitrile	mg/kg	.15	<	U	.15	.15	.14	<	U	.14	.14	.13	<	U	.13	.13	
Methyl isobutyl ketone	mg/kg	.03	<	U	.03	.03	.029	<	U	.029	.029	.026	<	U	.026	.026	
Methylene chloride	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
Naphthalene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
Pentachloroethane	mg/kg	.015	<	U	.015	.015	.014	<	U	.014	.014	.013	<	U	.013	.013	
Propionitrile	mg/kg	.15	<	U	.15	.15	.14	<	U	.14	.14	.13	<	U	.13	.13	
Styrene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
Tetrachloroethene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
Toluene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
Trichloroethene	mg/kg	.015	<	U	.015	.015	.014	<	U	.014	.014	.0076			.013	.013	
Trichlorofluoromethane	mg/kg	.015	<	U	.015	.015	.014	<	U	.014	.014	.013	<	U	.013	.013	
Vinyl acetate	mg/kg	.03	<	U	.03	.03	.029	<	U	.029	.029	.026	<	U	.026	.026	
Vinyl chloride	mg/kg	.015	<	U	.015	.015	.014	<	U	.014	.014	.013	<	U	.013	.013	
Xylenes, Total	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0066	<	U	.0066	.0066	
cis-1,2-Dichloroethene	mg/kg	.0076	<	U	.0076	.0076	.0071	<	U	.0071	.0071	.0077			.0066	.0066	

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:		32SD01					32SD01					32SD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		32SD01(0.5)					32SD01(0.5)QC					32SD02(0.5)				
	Sample Date:		30-APR-93					30-APR-93					30-APR-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	
VOLATILES																	
Chlorobenzene	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Chloroethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99	
Chloroform	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Chloromethane	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Dibromomethane	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Dichlorodifluoromethane	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Ethyl methacrylate	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Ethylbenzene	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Hexachlorobutadiene	mg/kg																
IODOMETHANE	mg/kg	.013	<	U	.013	-99	.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	.013	<	U	.013	-99	.014	<	U	.014	-99	
Methylene chloride	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Naphthalene	mg/kg																
Pentachloroethane	mg/kg																
Propionitrile	mg/kg																
Styrene	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Tetrachloroethene	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Toluene	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Trichloroethene	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Trichlorofluoromethane	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Vinyl acetate	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
Vinyl chloride	mg/kg	.013	<	U	.013	-99	.013	<	U	.013	-99	.014	<	U	.014	-99	
Xylenes, Total	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	
cis-1,2-Dichloroethene	mg/kg	.0063	<	U	.0063	-99	.0063	<	U	.0063	-99	.007	<	U	.007	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:		32SD03					32SD04					32SD08				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		32SD03(0.5)					32SD04(0.5)					32SD08(000.0)				
	Sample Date:		30-APR-93					30-APR-93					12-APR-95				
	Sample Depth:		.0 -0.5					.0 -0.5					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
VOLATILES																	
Chlorobenzene	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Chloroethane	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
Chloroform	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Chloromethane	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Dibromomethane	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Dichlorodifluoromethane	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Ethyl methacrylate	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Ethylbenzene	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Hexachlorobutadiene	mg/kg																
IODOMETHANE	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
ISOBUTYL ALCOHOL	mg/kg																
Isopropylbenzene	mg/kg																
METHYL METHACRYLATE	mg/kg																
Methacrylonitrile	mg/kg																
Methyl isobutyl ketone	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
Methylene chloride	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Naphthalene	mg/kg																
Pentachloroethane	mg/kg																
Propionitrile	mg/kg																
Styrene	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Tetrachloroethene	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Toluene	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Trichloroethene	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Trichlorofluoromethane	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Vinyl acetate	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
Vinyl chloride	mg/kg	.014	<	U	.014	-99	.011	<	U	.011	-99						
Xylenes, Total	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						
cis-1,2-Dichloroethene	mg/kg	.0071	<	U	.0071	-99	.0057	<	U	.0057	-99						

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD14

Goose Prairie Creek

32SD14(000.0)

19-FEB-95

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<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
VOLATILES																

Chlorobenzene	mg/kg
Chloroethane	mg/kg
Chloroform	mg/kg
Chloromethane	mg/kg
Chloroprene	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

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	32SD15					32SD16					32SD19				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	32SD15(000.0)					32SD16(000.0)					32SD19-981008				
	Sample Date:	19-FEB-95					19-FEB-95					08-OCT-98				
	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	.0075
Chloroethane	mg/kg											.015	<	U	.015	.015
Chloroform	mg/kg											.0075	<	U	.0075	.0075
Chloromethane	mg/kg											.015	<	U	.015	.015
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg											.0075	<	U	.0075	.0075
Dibromomethane	mg/kg											.015	<	U	.015	.015
Dichlorodifluoromethane	mg/kg											.022	<	U	.022	.022
Ethyl methacrylate	mg/kg											.0075	<	U	.0075	.0075
Ethylbenzene	mg/kg											.0075	<	U	.0075	.0075
Hexachlorobutadiene	mg/kg											.0075	<	U	.0075	.0075
IODOMETHANE	mg/kg											.0075	<	U	.0075	.0075
ISOBUTYL ALCOHOL	mg/kg											1.5	<	U	1.5	1.5
Isopropylbenzene	mg/kg											.0075	<	U	.0075	.0075
METHYL METHACRYLATE	mg/kg											.075	<	U	.075	.075
Methacrylonitrile	mg/kg											.15	<	U	.15	.15
Methyl isobutyl ketone	mg/kg											.03	<	U	.03	.03
Methylene chloride	mg/kg											.0075	<	U	.0075	.0075
Naphthalene	mg/kg											.0075	<	U	.0075	.0075
Pentachloroethane	mg/kg											.015	<	U	.015	.015
Propionitrile	mg/kg											.15	<	U	.15	.15
Styrene	mg/kg											.0075	<	U	.0075	.0075
Tetrachloroethene	mg/kg											.0075	<	U	.0075	.0075
Toluene	mg/kg											.0075	<	U	.0075	.0075
Trichloroethene	mg/kg											.015	<	U	.015	.015
Trichlorofluoromethane	mg/kg											.015	<	U	.015	.015
Vinyl acetate	mg/kg											.03	<	U	.03	.03
Vinyl chloride	mg/kg											.015	<	U	.015	.015
Xylenes, Total	mg/kg											.0075	<	U	.0075	.0075
cis-1,2-Dichloroethene	mg/kg											.0075	<	U	.0075	.0075

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	35ASD01					35ASD01					35ASD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD01-981109					35ASD01-981203					35ASD02-981109				
	Sample Date:	09-NOV-98					03-DEC-98					09-NOV-98				
	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	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
Chloroethane	mg/kg	.017	<	U	.017	.017						.013	<	U	.013	.013
Chloroform	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
Chloromethane	mg/kg	.017	<	U	.017	.017						.013	<	U	.013	.013
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
Dibromomethane	mg/kg	.017	<	U	.017	.017						.013	<	U	.013	.013
Dichlorodifluoromethane	mg/kg	.025	<	U	.025	.025						.02	<	U	.02	.02
Ethyl methacrylate	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
Ethylbenzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
Hexachlorobutadiene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
IODOMETHANE	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
ISOBUTYL ALCOHOL	mg/kg	1.7	<	U	1.7	1.7						1.3	<	U	1.3	1.3
Isopropylbenzene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
METHYL METHACRYLATE	mg/kg	.083	<	U	.083	.083						.067	<	U	.067	.067
Methacrylonitrile	mg/kg	.17	<	U	.17	.17						.13	<	U	.13	.13
Methyl isobutyl ketone	mg/kg	.033	<	U	.033	.033						.027	<	U	.027	.027
Methylene chloride	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
Naphthalene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
Pentachloroethane	mg/kg	.017	<	U	.017	.017						.013	<	U	.013	.013
Propionitrile	mg/kg	.17	<	U	.17	.17						.13	<	U	.13	.13
Styrene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
Tetrachloroethene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
Toluene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
Trichloroethene	mg/kg	.017	<	U	.017	.017						.013	<	U	.013	.013
Trichlorofluoromethane	mg/kg	.017	<	U	.017	.017						.013	<	U	.013	.013
Vinyl acetate	mg/kg	.033	<	U	.033	.033						.027	<	U	.027	.027
Vinyl chloride	mg/kg	.017	<	U	.017	.017						.013	<	U	.013	.013
Xylenes, Total	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067
cis-1,2-Dichloroethene	mg/kg	.0083	<	U	.0083	.0083						.0067	<	U	.0067	.0067

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	35ASD02					46SD03					46SD03				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	35ASD02-981203					46SD03-981110					46SD03-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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						.012	<	U	.012	.012					
Chloroethane	mg/kg						.025	<	U	.025	.025					
Chloroform	mg/kg						.012	<	U	.012	.012					
Chloromethane	mg/kg						.025	<	U	.025	.025					
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg						.012	<	U	.012	.012					
Dibromomethane	mg/kg						.025	<	U	.025	.025					
Dichlorodifluoromethane	mg/kg						.037	<	U	.037	.037					
Ethyl methacrylate	mg/kg						.012	<	U	.012	.012					
Ethylbenzene	mg/kg						.012	<	U	.012	.012					
Hexachlorobutadiene	mg/kg						.012	<	U	.012	.012					
IODOMETHANE	mg/kg						.012	<	U	.012	.012					
ISOBUTYL ALCOHOL	mg/kg						2.5	<	U	2.5	2.5					
Isopropylbenzene	mg/kg						.012	<	U	.012	.012					
METHYL METHACRYLATE	mg/kg						.12	<	U	.12	.12					
Methacrylonitrile	mg/kg						.25	<	U	.25	.25					
Methyl isobutyl ketone	mg/kg						.049	<	U	.049	.049					
Methylene chloride	mg/kg						.008		J	.012	.012					
Naphthalene	mg/kg						.012	<	U	.012	.012					
Pentachloroethane	mg/kg						.025	<	U	.025	.025					
Propionitrile	mg/kg						.25	<	U	.25	.25					
Styrene	mg/kg						.012	<	U	.012	.012					
Tetrachloroethene	mg/kg						.012	<	U	.012	.012					
Toluene	mg/kg						.012	<	U	.012	.012					
Trichloroethene	mg/kg						.025	<	U	.025	.025					
Trichlorofluoromethane	mg/kg						.025	<	U	.025	.025					
Vinyl acetate	mg/kg						.049	<	U	.049	.049					
Vinyl chloride	mg/kg						.025	<	U	.025	.025					
Xylenes, Total	mg/kg						.012	<	U	.012	.012					
cis-1,2-Dichloroethene	mg/kg						.012	<	U	.012	.012					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	46SD04					46SD04					46SD07				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD04-981110					46SD04-981207					46SD07-981110				
	Sample Date:	10-NOV-98					07-DEC-98					10-NOV-98				
	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	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Chloroethane	mg/kg	.018	<	U	.018	.018						.013	<	U	.013	.013
Chloroform	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Chloromethane	mg/kg	.018	<	U	.018	.018						.013	<	U	.013	.013
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Dibromomethane	mg/kg	.018	<	U	.018	.018						.013	<	U	.013	.013
Dichlorodifluoromethane	mg/kg	.027	<	U	.027	.027						.02	<	U	.02	.02
Ethyl methacrylate	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Ethylbenzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Hexachlorobutadiene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
IODOMETHANE	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
ISOBUTYL ALCOHOL	mg/kg	1.8	<	U	1.8	1.8						1.3	<	U	1.3	1.3
Isopropylbenzene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
METHYL METHACRYLATE	mg/kg	.091	<	U	.091	.091						.066	<	U	.066	.066
Methacrylonitrile	mg/kg	.18	<	U	.18	.18						.13	<	U	.13	.13
Methyl isobutyl ketone	mg/kg	.036	<	U	.036	.036						.026	<	U	.026	.026
Methylene chloride	mg/kg	.0017		J	.0091	.0091						.0066	<	U	.0066	.0066
Naphthalene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Pentachloroethane	mg/kg	.018	<	U	.018	.018						.013	<	U	.013	.013
Propionitrile	mg/kg	.18	<	U	.18	.18						.13	<	U	.13	.13
Styrene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Tetrachloroethene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Toluene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
Trichloroethene	mg/kg	.018	<	U	.018	.018						.013	<	U	.013	.013
Trichlorofluoromethane	mg/kg	.018	<	U	.018	.018						.013	<	U	.013	.013
Vinyl acetate	mg/kg	.036	<	U	.036	.036						.026	<	U	.026	.026
Vinyl chloride	mg/kg	.018	<	U	.018	.018						.013	<	U	.013	.013
Xylenes, Total	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066
cis-1,2-Dichloroethene	mg/kg	.0091	<	U	.0091	.0091						.0066	<	U	.0066	.0066

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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User Test Group	Location Code:	46SD07					46SD08					46SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	46SD07-981203					46SD08-981110					46SD08-981203				
	Sample Date:	03-DEC-98					10-NOV-98					03-DEC-98				
	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						.0085	<	U	.0085	.0085					
Chloroethane	mg/kg						.017	<	U	.017	.017					
Chloroform	mg/kg						.0085	<	U	.0085	.0085					
Chloromethane	mg/kg						.017	<	U	.017	.017					
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg						.0085	<	U	.0085	.0085					
Dibromomethane	mg/kg						.017	<	U	.017	.017					
Dichlorodifluoromethane	mg/kg						.025	<	U	.025	.025					
Ethyl methacrylate	mg/kg						.0085	<	U	.0085	.0085					
Ethylbenzene	mg/kg						.0085	<	U	.0085	.0085					
Hexachlorobutadiene	mg/kg						.0085	<	U	.0085	.0085					
IODOMETHANE	mg/kg						.0085	<	U	.0085	.0085					
ISOBUTYL ALCOHOL	mg/kg						1.7	<	U	1.7	1.7					
Isopropylbenzene	mg/kg						.0085	<	U	.0085	.0085					
METHYL METHACRYLATE	mg/kg						.085	<	U	.085	.085					
Methacrylonitrile	mg/kg						.17	<	U	.17	.17					
Methyl isobutyl ketone	mg/kg						.034	<	U	.034	.034					
Methylene chloride	mg/kg						.0015		J	.0085	.0085					
Naphthalene	mg/kg						.0085	<	U	.0085	.0085					
Pentachloroethane	mg/kg						.017	<	U	.017	.017					
Propionitrile	mg/kg						.17	<	U	.17	.17					
Styrene	mg/kg						.0085	<	U	.0085	.0085					
Tetrachloroethene	mg/kg						.0085	<	U	.0085	.0085					
Toluene	mg/kg						.0085	<	U	.0085	.0085					
Trichloroethene	mg/kg						.017	<	U	.017	.017					
Trichlorofluoromethane	mg/kg						.017	<	U	.017	.017					
Vinyl acetate	mg/kg						.034	<	U	.034	.034					
Vinyl chloride	mg/kg						.017	<	U	.017	.017					
Xylenes, Total	mg/kg						.0085	<	U	.0085	.0085					
cis-1,2-Dichloroethene	mg/kg						.0085	<	U	.0085	.0085					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		50SD01					50SD01					50SD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		LH50SD01(0-1)					LH50SD01(0-1)QC					LH50SD02(0-1)				
	Sample Date:		29-NOV-95					29-NOV-95					29-NOV-95				
	Sample Depth:		.0 - 1					.0 - 1					.0 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
VOLATILES																	
Chlorobenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Chloroethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.013	<	U	.013	.013	
Chloroform	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Chloromethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013	.013	<	U	.013	.013	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Dibromomethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Dichlorodifluoromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Ethyl methacrylate	mg/kg																
Ethylbenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Hexachlorobutadiene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
IODOMETHANE	mg/kg																
ISOBUTYL ALCOHOL	mg/kg																
Isopropylbenzene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
METHYL METHACRYLATE	mg/kg																
Methacrylonitrile	mg/kg																
Methyl isobutyl ketone	mg/kg																
Methylene chloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Naphthalene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Pentachloroethane	mg/kg																
Propionitrile	mg/kg																
Styrene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Tetrachloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Toluene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Trichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.033			.007	.007	
Trichlorofluoromethane	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Vinyl acetate	mg/kg																
Vinyl chloride	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.007	<	U	.007	.007	
Xylenes, Total	mg/kg																
cis-1,2-Dichloroethene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.115			.007	.007	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		50SD03					50SD04					50SD05				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		50SD03-981112					50SD04-981111					50SD05-981111				
	Sample Date:		12-NOV-98					11-NOV-98					11-NOV-98				
	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	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Chloroethane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014	
Chloroform	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Chloromethane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Dibromomethane	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014	
Dichlorodifluoromethane	mg/kg	.022	<	U	.022	.022	.023	<	U	.023	.023	.02	<	U	.02	.02	
Ethyl methacrylate	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Ethylbenzene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Hexachlorobutadiene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
IODOMETHANE	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
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	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
METHYL METHACRYLATE	mg/kg	.072	<	U	.072	.072	.078	<	U	.078	.078	.068	<	U	.068	.068	
Methacrylonitrile	mg/kg	.14	<	U	.14	.14	.16	<	U	.16	.16	.14	<	U	.14	.14	
Methyl isobutyl ketone	mg/kg	.029	<	U	.029	.029	.031	<	U	.031	.031	.027	<	U	.027	.027	
Methylene chloride	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0054		J	.0068	.0068	
Naphthalene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
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	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Tetrachloroethene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
Toluene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
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	.029	<	U	.029	.029	.031	<	U	.031	.031	.027	<	U	.027	.027	
Vinyl chloride	mg/kg	.014	<	U	.014	.014	.016	<	U	.016	.016	.014	<	U	.014	.014	
Xylenes, Total	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	
cis-1,2-Dichloroethene	mg/kg	.0072	<	U	.0072	.0072	.0078	<	U	.0078	.0078	.0068	<	U	.0068	.0068	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	50SD06					50SD06					50SD06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	50SD06-981110					C-50SD06QC-981110					50SD06-981111				
	Sample Date:	10-NOV-98					10-NOV-98					11-NOV-98				
	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	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Chloroethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013					
Chloroform	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Chloromethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013					
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Dibromomethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013					
Dichlorodifluoromethane	mg/kg	.021	<	U	.021	.021	.02	<	U	.02	.02					
Ethyl methacrylate	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Ethylbenzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Hexachlorobutadiene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
IODOMETHANE	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
ISOBUTYL ALCOHOL	mg/kg	1.4	<	U	1.4	1.4	1.3	<	U	1.3	1.3					
Isopropylbenzene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
METHYL METHACRYLATE	mg/kg	.069	<	U	.069	.069	.067	<	U	.067	.067					
Methacrylonitrile	mg/kg	.14	<	U	.14	.14	.13	<	U	.13	.13					
Methyl isobutyl ketone	mg/kg	.028	<	U	.028	.028	.027	<	U	.027	.027					
Methylene chloride	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Naphthalene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Pentachloroethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013					
Propionitrile	mg/kg	.14	<	U	.14	.14	.13	<	U	.13	.13					
Styrene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Tetrachloroethene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Toluene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
Trichloroethene	mg/kg	.00077		J	.014	.014	.013	<	U	.013	.013					
Trichlorofluoromethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013					
Vinyl acetate	mg/kg	.028	<	U	.028	.028	.027	<	U	.027	.027					
Vinyl chloride	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013					
Xylenes, Total	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					
cis-1,2-Dichloroethene	mg/kg	.0069	<	U	.0069	.0069	.0067	<	U	.0067	.0067					

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	50SD06					50SD07					50SD08				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	C-50SD06QC-981111					50SD07-981111					50SD08-981111				
	Sample Date:	11-NOV-98					11-NOV-98					11-NOV-98				
	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						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Chloroethane	mg/kg						.015	<	U	.015	.015	.016	<	U	.016	.016
Chloroform	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Chloromethane	mg/kg						.015	<	U	.015	.015	.016	<	U	.016	.016
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Dibromomethane	mg/kg						.015	<	U	.015	.015	.016	<	U	.016	.016
Dichlorodifluoromethane	mg/kg						.022	<	U	.022	.022	.024	<	U	.024	.024
Ethyl methacrylate	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Ethylbenzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Hexachlorobutadiene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
IODOMETHANE	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
ISOBUTYL ALCOHOL	mg/kg						1.5	<	U	1.5	1.5	1.6	<	U	1.6	1.6
Isopropylbenzene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
METHYL METHACRYLATE	mg/kg						.073	<	U	.073	.073	.081	<	U	.081	.081
Methacrylonitrile	mg/kg						.15	<	U	.15	.15	.16	<	U	.16	.16
Methyl isobutyl ketone	mg/kg						.029	<	U	.029	.029	.032	<	U	.032	.032
Methylene chloride	mg/kg						.0044		J	.0073	.0073	.0057		J	.0081	.0081
Naphthalene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Pentachloroethane	mg/kg						.015	<	U	.015	.015	.016	<	U	.016	.016
Propionitrile	mg/kg						.15	<	U	.15	.15	.16	<	U	.16	.16
Styrene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Tetrachloroethene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Toluene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
Trichloroethene	mg/kg						.015	<	U	.015	.015	.016	<	U	.016	.016
Trichlorofluoromethane	mg/kg						.015	<	U	.015	.015	.016	<	U	.016	.016
Vinyl acetate	mg/kg						.029	<	U	.029	.029	.032	<	U	.032	.032
Vinyl chloride	mg/kg						.015	<	U	.015	.015	.016	<	U	.016	.016
Xylenes, Total	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081
cis-1,2-Dichloroethene	mg/kg						.0073	<	U	.0073	.0073	.0081	<	U	.0081	.0081

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Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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60SD02

Goose Prairie Creek

60SD02QC

10-NOV-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Chlorobenzene
Chloroethane
Chloroform
Chloromethane
Chloroprene
Dibromochloromethane
Dibromomethane
Dichlorodifluoromethane
Ethyl methacrylate
Ethylbenzene
Hexachlorobutadiene
Iodomethane
Isobutyl alcohol
Isopropylbenzene
Methyl methacrylate
Methacrylonitrile
Methyl isobutyl ketone
Methylene chloride
Naphthalene
Pentachloroethane
Propionitrile
Styrene
Tetrachloroethene
Toluene
Trichloroethene
Trichlorofluoromethane
Vinyl acetate
Vinyl chloride
Xylenes, Total
cis-1,2-Dichloroethene

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Chloroethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Chloroform	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Chloromethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Dibromomethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Dichlorodifluoromethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Ethyl methacrylate	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Ethylbenzene	mg/kg	.00353		J	.00384	-99						.00334	<	U	.00334	-99
Hexachlorobutadiene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
IODOMETHANE	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg	.0312	<	U	.0312	-99						.0167	<	U	.0167	-99
Methacrylonitrile	mg/kg	.0624	<	U	.0624	-99						.0334	<	U	.0334	-99
Methyl isobutyl ketone	mg/kg	.0312	<	U	.0312	-99						.0167	<	U	.0167	-99
Methylene chloride	mg/kg	.0312	<	U	.0312	-99						.0167	<	U	.0167	-99
Naphthalene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Pentachloroethane	mg/kg															
Propionitrile	mg/kg	.0624	<	U	.0624	-99						.0334	<	U	.0334	-99
Styrene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Tetrachloroethene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Toluene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Trichloroethene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Trichlorofluoromethane	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Vinyl acetate	mg/kg	.0624	<	U	.0624	-99						.0334	<	U	.0334	-99
Vinyl chloride	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-2					CL-GPSN-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1(2)					CL-GPSN-2 (1)					CL-GPSN-2(1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5				
<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
VOLATILES																
Chlorobenzene	mg/kg						.0074	<	U	.0074	-99					
Chloroethane	mg/kg						.0074	<	U	.0074	-99					
Chloroform	mg/kg						.0074	<	U	.0074	-99					
Chloromethane	mg/kg						.0074	<	U	.0074	-99					
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg						.0074	<	U	.0074	-99					
Dibromomethane	mg/kg						.0074	<	U	.0074	-99					
Dichlorodifluoromethane	mg/kg						.0074	<	U	.0074	-99					
Ethyl methacrylate	mg/kg						.0074	<	U	.0074	-99					
Ethylbenzene	mg/kg						.0074	<	U	.0074	-99					
Hexachlorobutadiene	mg/kg						.0074	<	U	.0074	-99					
IODOMETHANE	mg/kg						.0074	<	U	.0074	-99					
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg						.037	<	U	.037	-99					
Methacrylonitrile	mg/kg						.074	<	U	.074	-99					
Methyl isobutyl ketone	mg/kg						.037	<	U	.037	-99					
Methylene chloride	mg/kg						.037	<	U	.037	-99					
Naphthalene	mg/kg						.0074	<	U	.0074	-99					
Pentachloroethane	mg/kg															
Propionitrile	mg/kg						.074	<	U	.074	-99					
Styrene	mg/kg						.0074	<	U	.0074	-99					
Tetrachloroethene	mg/kg						.0074	<	U	.0074	-99					
Toluene	mg/kg						.0074	<	U	.0074	-99					
Trichloroethene	mg/kg						.0074	<	U	.0074	-99					
Trichlorofluoromethane	mg/kg						.0074	<	U	.0074	-99					
Vinyl acetate	mg/kg						.074	<	U	.074	-99					
Vinyl chloride	mg/kg						.0074	<	U	.0074	-99					
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg						.0074	<	U	.0074	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		CL-GPSN-2					CL-GPSN-2					CL-GPSN-3				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		CL-GPSN-2 (2)					CL-GPSN-2(2)					CL-GPSN-3 (1)				
	Sample Date:		10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:		.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	
VOLATILES																	
Chlorobenzene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Chloroethane	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Chloroform	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Chloromethane	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Dibromomethane	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Dichlorodifluoromethane	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Ethyl methacrylate	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Ethylbenzene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Hexachlorobutadiene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
IODOMETHANE	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
ISOBUTYL ALCOHOL	mg/kg																
Isopropylbenzene	mg/kg																
METHYL METHACRYLATE	mg/kg	.0244	<	U	.0244	-99						.0333	<	U	.0333	-99	
Methacrylonitrile	mg/kg	.0488	<	U	.0488	-99						.0666	<	U	.0666	-99	
Methyl isobutyl ketone	mg/kg	.0244	<	U	.0244	-99						.0333	<	U	.0333	-99	
Methylene chloride	mg/kg	.0244	<	U	.0244	-99						.0333	<	U	.0333	-99	
Naphthalene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Pentachloroethane	mg/kg																
Propionitrile	mg/kg	.0488	<	U	.0488	-99						.0666	<	U	.0666	-99	
Styrene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Tetrachloroethene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Toluene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Trichloroethene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Trichlorofluoromethane	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Vinyl acetate	mg/kg	.0488	<	U	.0488	-99						.0666	<	U	.0666	-99	
Vinyl chloride	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	
Xylenes, Total	mg/kg																
cis-1,2-Dichloroethene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99	

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(1)					CL-GPSN-3 (2)					CL-GPSN-3 (2) QC				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 -0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Chloroethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Chloroform	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Chloromethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Dibromomethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Dichlorodifluoromethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Ethyl methacrylate	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Ethylbenzene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Hexachlorobutadiene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
IODOMETHANE	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg						.0256	<	U	.0256	-99	.0236	<	U	.0236	-99
Methacrylonitrile	mg/kg						.0512	<	U	.0512	-99	.0472	<	U	.0472	-99
Methyl isobutyl ketone	mg/kg						.0256	<	U	.0256	-99	.0236	<	U	.0236	-99
Methylene chloride	mg/kg						.0256	<	U	.0256	-99	.0236	<	U	.0236	-99
Naphthalene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Pentachloroethane	mg/kg															
Propionitrile	mg/kg						.0512	<	U	.0512	-99	.0472	<	U	.0472	-99
Styrene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Tetrachloroethene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Toluene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Trichloroethene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Trichlorofluoromethane	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Vinyl acetate	mg/kg						.0512	<	U	.0512	-99	.0472	<	U	.0472	-99
Vinyl chloride	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(2)					CL-GPSN-3(2) QC					CL-GPSN-4 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg											.0111	<	U	.0111	-99
Chloroethane	mg/kg											.0111	<	U	.0111	-99
Chloroform	mg/kg											.0111	<	U	.0111	-99
Chloromethane	mg/kg											.0111	<	U	.0111	-99
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg											.0111	<	U	.0111	-99
Dibromomethane	mg/kg											.0111	<	U	.0111	-99
Dichlorodifluoromethane	mg/kg											.0111	<	U	.0111	-99
Ethyl methacrylate	mg/kg											.0111	<	U	.0111	-99
Ethylbenzene	mg/kg											.0111	<	U	.0111	-99
Hexachlorobutadiene	mg/kg											.0111	<	U	.0111	-99
IODOMETHANE	mg/kg											.0111	<	U	.0111	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg											.0555	<	U	.0555	-99
Methacrylonitrile	mg/kg											.111	<	U	.111	-99
Methyl isobutyl ketone	mg/kg											.0555	<	U	.0555	-99
Methylene chloride	mg/kg											.0555	<	U	.0555	-99
Naphthalene	mg/kg											.0111	<	U	.0111	-99
Pentachloroethane	mg/kg															
Propionitrile	mg/kg											.111	<	U	.111	-99
Styrene	mg/kg											.0111	<	U	.0111	-99
Tetrachloroethene	mg/kg											.0111	<	U	.0111	-99
Toluene	mg/kg											.0111	<	U	.0111	-99
Trichloroethene	mg/kg											.0111	<	U	.0111	-99
Trichlorofluoromethane	mg/kg											.0111	<	U	.0111	-99
Vinyl acetate	mg/kg											.111	<	U	.111	-99
Vinyl chloride	mg/kg											.0111	<	U	.0111	-99
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg											.0111	<	U	.0111	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-4					CL-GPSN-4					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-4(1)					CL-GPSN-4 (2)					CL-GPSN-4(2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg						.00312	<	U	.00312	-99					
Chloroethane	mg/kg						.00312	<	U	.00312	-99					
Chloroform	mg/kg						.00312	<	U	.00312	-99					
Chloromethane	mg/kg						.00312	<	U	.00312	-99					
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg						.00312	<	U	.00312	-99					
Dibromomethane	mg/kg						.00312	<	U	.00312	-99					
Dichlorodifluoromethane	mg/kg						.00312	<	U	.00312	-99					
Ethyl methacrylate	mg/kg						.00312	<	U	.00312	-99					
Ethylbenzene	mg/kg						.00312	<	U	.00312	-99					
Hexachlorobutadiene	mg/kg						.00312	<	U	.00312	-99					
IODOMETHANE	mg/kg						.00312	<	U	.00312	-99					
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg						.0156	<	U	.0156	-99					
Methacrylonitrile	mg/kg						.0312	<	U	.0312	-99					
Methyl isobutyl ketone	mg/kg						.0156	<	U	.0156	-99					
Methylene chloride	mg/kg						.0156	<	U	.0156	-99					
Naphthalene	mg/kg						.00312	<	U	.00312	-99					
Pentachloroethane	mg/kg															
Propionitrile	mg/kg						.0312	<	U	.0312	-99					
Styrene	mg/kg						.00312	<	U	.00312	-99					
Tetrachloroethene	mg/kg						.00312	<	U	.00312	-99					
Toluene	mg/kg						.00312	<	U	.00312	-99					
Trichloroethene	mg/kg						.00312	<	U	.00312	-99					
Trichlorofluoromethane	mg/kg						.0107			.001	-99					
Vinyl acetate	mg/kg						.0312	<	U	.0312	-99					
Vinyl chloride	mg/kg						.00312	<	U	.00312	-99					
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg						.00312	<	U	.00312	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-1					CL-GPSS-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1 (1)					CL-GPSS-1(1)					CL-GPSS-1 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 -0.5					.0 -0.5					.5 -1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Chloroethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Chloroform	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Chloromethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Dibromomethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Dichlorodifluoromethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Ethyl methacrylate	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Ethylbenzene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Hexachlorobutadiene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
IODOMETHANE	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg	.0323	<	U	.0323	-99						.01	<	U	.01	-99
Methacrylonitrile	mg/kg	.0646	<	U	.0646	-99						.02	<	U	.02	-99
Methyl isobutyl ketone	mg/kg	.0323	<	U	.0323	-99						.01	<	U	.01	-99
Methylene chloride	mg/kg	.0323	<	U	.0323	-99						.01	<	U	.01	-99
Naphthalene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Pentachloroethane	mg/kg															
Propionitrile	mg/kg	.0646	<	U	.0646	-99						.02	<	U	.02	-99
Styrene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Tetrachloroethene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Toluene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Trichloroethene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Trichlorofluoromethane	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Vinyl acetate	mg/kg	.0646	<	U	.0646	-99						.02	<	U	.02	-99
Vinyl chloride	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1(2)					CL-GPSS-2 (1)					CL-GPSS-2 (1) QC				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
Chlorobenzene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Chloroethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Chloroform	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Chloromethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Dibromomethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Dichlorodifluoromethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Ethyl methacrylate	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Ethylbenzene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Hexachlorobutadiene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
IODOMETHANE	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg						.027	<	U	.027	-99	.0333	<	U	.0333	-99
Methacrylonitrile	mg/kg						.054	<	U	.054	-99	.0666	<	U	.0666	-99
Methyl isobutyl ketone	mg/kg						.027	<	U	.027	-99	.0333	<	U	.0333	-99
Methylene chloride	mg/kg						.027	<	U	.027	-99	.0333	<	U	.0333	-99
Naphthalene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Pentachloroethane	mg/kg															
Propionitrile	mg/kg						.054	<	U	.054	-99	.0666	<	U	.0666	-99
Styrene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Tetrachloroethene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Toluene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Trichloroethene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Trichlorofluoromethane	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Vinyl acetate	mg/kg						.054	<	U	.054	-99	.0666	<	U	.0666	-99
Vinyl chloride	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(1)					CL-GPSS-2(1)QC					CL-GPSS-2 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg											.004	<	U	.004	-99
Chloroethane	mg/kg											.004	<	U	.004	-99
Chloroform	mg/kg											.004	<	U	.004	-99
Chloromethane	mg/kg											.004	<	U	.004	-99
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg											.004	<	U	.004	-99
Dibromomethane	mg/kg											.004	<	U	.004	-99
Dichlorodifluoromethane	mg/kg											.004	<	U	.004	-99
Ethyl methacrylate	mg/kg											.004	<	U	.004	-99
Ethylbenzene	mg/kg											.004	<	U	.004	-99
Hexachlorobutadiene	mg/kg											.004	<	U	.004	-99
IODOMETHANE	mg/kg											.004	<	U	.004	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg											.02	<	U	.02	-99
Methacrylonitrile	mg/kg											.04	<	U	.04	-99
Methyl isobutyl ketone	mg/kg											.02	<	U	.02	-99
Methylene chloride	mg/kg											.02	<	U	.02	-99
Naphthalene	mg/kg											.004	<	U	.004	-99
Pentachloroethane	mg/kg															
Propionitrile	mg/kg											.04	<	U	.04	-99
Styrene	mg/kg											.004	<	U	.004	-99
Tetrachloroethene	mg/kg											.004	<	U	.004	-99
Toluene	mg/kg											.004	<	U	.004	-99
Trichloroethene	mg/kg											.004	<	U	.004	-99
Trichlorofluoromethane	mg/kg											.004	<	U	.004	-99
Vinyl acetate	mg/kg											.04	<	U	.04	-99
Vinyl chloride	mg/kg											.004	<	U	.004	-99
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg											.004	<	U	.004	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-3					CL-GPSS-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(2)					CL-GPSS-3 (1)					CL-GPSS-3(1)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
Chlorobenzene	mg/kg						.00384	<	U	.00384	-99					
Chloroethane	mg/kg						.00384	<	U	.00384	-99					
Chloroform	mg/kg						.00384	<	U	.00384	-99					
Chloromethane	mg/kg						.00384	<	U	.00384	-99					
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg						.00384	<	U	.00384	-99					
Dibromomethane	mg/kg						.00384	<	U	.00384	-99					
Dichlorodifluoromethane	mg/kg						.00384	<	U	.00384	-99					
Ethyl methacrylate	mg/kg						.00384	<	U	.00384	-99					
Ethylbenzene	mg/kg						.00384	<	U	.00384	-99					
Hexachlorobutadiene	mg/kg						.00384	<	U	.00384	-99					
IODOMETHANE	mg/kg						.00384	<	U	.00384	-99					
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg						.0192	<	U	.0192	-99					
Methacrylonitrile	mg/kg						.0384	<	U	.0384	-99					
Methyl isobutyl ketone	mg/kg						.0192	<	U	.0192	-99					
Methylene chloride	mg/kg						.0192	<	U	.0192	-99					
Naphthalene	mg/kg						.00384	<	U	.00384	-99					
Pentachloroethane	mg/kg															
Propionitrile	mg/kg						.0384	<	U	.0384	-99					
Styrene	mg/kg						.00384	<	U	.00384	-99					
Tetrachloroethene	mg/kg						.00384	<	U	.00384	-99					
Toluene	mg/kg						.00384	<	U	.00384	-99					
Trichloroethene	mg/kg						.00384	<	U	.00384	-99					
Trichlorofluoromethane	mg/kg						.00384	<	U	.00384	-99					
Vinyl acetate	mg/kg						.0384	<	U	.0384	-99					
Vinyl chloride	mg/kg						.00384	<	U	.00384	-99					
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg						.00384	<	U	.00384	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-3					CL-GPSS-3					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-3 (2)					CL-GPSS-3(2)					CL-GPSS-4 (1)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Chloroethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Chloroform	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Chloromethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Dibromomethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Dichlorodifluoromethane	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Ethyl methacrylate	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Ethylbenzene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Hexachlorobutadiene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
IODOMETHANE	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg	.0152	<	U	.0152	-99						.0208	<	U	.0208	-99
Methacrylonitrile	mg/kg	.0304	<	U	.0304	-99						.0416	<	U	.0416	-99
Methyl isobutyl ketone	mg/kg	.0152	<	U	.0152	-99						.0208	<	U	.0208	-99
Methylene chloride	mg/kg	.0152	<	U	.0152	-99						.0208	<	U	.0208	-99
Naphthalene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Pentachloroethane	mg/kg															
Propionitrile	mg/kg	.0304	<	U	.0304	-99						.0416	<	U	.0416	-99
Styrene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Tetrachloroethene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Toluene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Trichloroethene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Trichlorofluoromethane	mg/kg	.00321			.001	-99						.00416	<	U	.00416	-99
Vinyl acetate	mg/kg	.0304	<	U	.0304	-99						.0416	<	U	.0416	-99
Vinyl chloride	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-4					CL-GPSS-4					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-4(1)					CL-GPSS-4 (2)					CL-GPSS-4(2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg						.002	<	U	.002	-99					
Chloroethane	mg/kg						.002	<	U	.002	-99					
Chloroform	mg/kg						.002	<	U	.002	-99					
Chloromethane	mg/kg						.002	<	U	.002	-99					
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg						.002	<	U	.002	-99					
Dibromomethane	mg/kg						.002	<	U	.002	-99					
Dichlorodifluoromethane	mg/kg						.002	<	U	.002	-99					
Ethyl methacrylate	mg/kg						.002	<	U	.002	-99					
Ethylbenzene	mg/kg						.002	<	U	.002	-99					
Hexachlorobutadiene	mg/kg						.002	<	U	.002	-99					
IODOMETHANE	mg/kg						.002	<	U	.002	-99					
ISOBUTYL ALCOHOL	mg/kg															
Isopropylbenzene	mg/kg															
METHYL METHACRYLATE	mg/kg						.01	<	U	.01	-99					
Methacrylonitrile	mg/kg						.02	<	U	.02	-99					
Methyl isobutyl ketone	mg/kg						.01	<	U	.01	-99					
Methylene chloride	mg/kg						.01	<	U	.01	-99					
Naphthalene	mg/kg						.002	<	U	.002	-99					
Pentachloroethane	mg/kg															
Propionitrile	mg/kg						.02	<	U	.02	-99					
Styrene	mg/kg						.002	<	U	.002	-99					
Tetrachloroethene	mg/kg						.002	<	U	.002	-99					
Toluene	mg/kg						.002	<	U	.002	-99					
Trichloroethene	mg/kg						.002	<	U	.002	-99					
Trichlorofluoromethane	mg/kg						.002	<	U	.002	-99					
Vinyl acetate	mg/kg						.02	<	U	.02	-99					
Vinyl chloride	mg/kg						.002	<	U	.002	-99					
Xylenes, Total	mg/kg															
cis-1,2-Dichloroethene	mg/kg						.002	<	U	.002	-99					

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	FWS-225					FWS-227					GPCSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CLNWR225					CLNWR227					GPCSD01-981118				
	Sample Date:	09-SEP-03					09-SEP-03					18-NOV-98				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg											.0096	<	U	.0096	.0096
Chloroethane	mg/kg											.019	<	U	.019	.019
Chloroform	mg/kg											.0096	<	U	.0096	.0096
Chloromethane	mg/kg											.019	<	U	.019	.019
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg											.0096	<	U	.0096	.0096
Dibromomethane	mg/kg											.019	<	U	.019	.019
Dichlorodifluoromethane	mg/kg											.029	<	U	.029	.029
Ethyl methacrylate	mg/kg											.0096	<	U	.0096	.0096
Ethylbenzene	mg/kg											.0096	<	U	.0096	.0096
Hexachlorobutadiene	mg/kg											.0096	<	U	.0096	.0096
IODOMETHANE	mg/kg											.0096	<	U	.0096	.0096
ISOBUTYL ALCOHOL	mg/kg											1.9	<	U	1.9	1.9
Isopropylbenzene	mg/kg											.0096	<	U	.0096	.0096
METHYL METHACRYLATE	mg/kg											.095	<	U	.095	.095
Methacrylonitrile	mg/kg											.19	<	U	.19	.19
Methyl isobutyl ketone	mg/kg											.038	<	U	.038	.038
Methylene chloride	mg/kg											.0096	<	U	.0096	.0096
Naphthalene	mg/kg											.0096	<	U	.0096	.0096
Pentachloroethane	mg/kg											.019	<	U	.019	.019
Propionitrile	mg/kg											.19	<	U	.19	.19
Styrene	mg/kg											.0096	<	U	.0096	.0096
Tetrachloroethene	mg/kg											.0096	<	U	.0096	.0096
Toluene	mg/kg											.0096	<	U	.0096	.0096
Trichloroethene	mg/kg											.019	<	U	.019	.019
Trichlorofluoromethane	mg/kg											.019	<	U	.019	.019
Vinyl acetate	mg/kg											.038	<	U	.038	.038
Vinyl chloride	mg/kg											.019	<	U	.019	.019
Xylenes, Total	mg/kg											.0096	<	U	.0096	.0096
cis-1,2-Dichloroethene	mg/kg											.0096	<	U	.0096	.0096

Report Date: 11/15/04

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

User Test Group	Location Code:	GPCSD01					GPCSD02					GPCSD02				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD01-981202					GPCSD02-981118					GPCSD02-981202				
	Sample Date:	02-DEC-98					18-NOV-98					02-DEC-98				
	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						.0077	<	U	.0077	.0077					
Chloroethane	mg/kg						.015	<	U	.015	.015					
Chloroform	mg/kg						.0077	<	U	.0077	.0077					
Chloromethane	mg/kg						.015	<	U	.015	.015					
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg						.0077	<	U	.0077	.0077					
Dibromomethane	mg/kg						.015	<	U	.015	.015					
Dichlorodifluoromethane	mg/kg						.023	<	U	.023	.023					
Ethyl methacrylate	mg/kg						.0077	<	U	.0077	.0077					
Ethylbenzene	mg/kg						.0077	<	U	.0077	.0077					
Hexachlorobutadiene	mg/kg						.0077	<	U	.0077	.0077					
IODOMETHANE	mg/kg						.0077	<	U	.0077	.0077					
ISOBUTYL ALCOHOL	mg/kg						1.5	<	U	1.5	1.5					
Isopropylbenzene	mg/kg						.0077	<	U	.0077	.0077					
METHYL METHACRYLATE	mg/kg						.077	<	U	.077	.077					
Methacrylonitrile	mg/kg						.15	<	U	.15	.15					
Methyl isobutyl ketone	mg/kg						.031	<	U	.031	.031					
Methylene chloride	mg/kg						.0077	<	U	.0077	.0077					
Naphthalene	mg/kg						.0077	<	U	.0077	.0077					
Pentachloroethane	mg/kg						.015	<	U	.015	.015					
Propionitrile	mg/kg						.15	<	U	.15	.15					
Styrene	mg/kg						.0077	<	U	.0077	.0077					
Tetrachloroethene	mg/kg						.0077	<	U	.0077	.0077					
Toluene	mg/kg						.0077	<	U	.0077	.0077					
Trichloroethene	mg/kg						.015	<	U	.015	.015					
Trichlorofluoromethane	mg/kg						.015	<	U	.015	.015					
Vinyl acetate	mg/kg						.031	<	U	.031	.031					
Vinyl chloride	mg/kg						.015	<	U	.015	.015					
Xylenes, Total	mg/kg						.0077	<	U	.0077	.0077					
cis-1,2-Dichloroethene	mg/kg						.0077	<	U	.0077	.0077					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD03					GPCSD04					GPCSD04				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD03					GPCSD04-981116					GPCSD04-981202				
	Sample Date:	17-NOV-98					16-NOV-98					02-DEC-98				
	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	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Chloroethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013					
Chloroform	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Chloromethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013					
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Dibromomethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013					
Dichlorodifluoromethane	mg/kg	.019	<	U	.019	.019	.02	<	U	.02	.02					
Ethyl methacrylate	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Ethylbenzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Hexachlorobutadiene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
IODOMETHANE	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
ISOBUTYL ALCOHOL	mg/kg	1.3	<	U	1.3	1.3	1.3	<	U	1.3	1.3					
Isopropylbenzene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
METHYL METHACRYLATE	mg/kg	.063	<	U	.063	.063	.065	<	U	.065	.065					
Methacrylonitrile	mg/kg	.13	<	U	.13	.13	.13	<	U	.13	.13					
Methyl isobutyl ketone	mg/kg	.025	<	U	.025	.025	.026	<	U	.026	.026					
Methylene chloride	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Naphthalene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Pentachloroethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013					
Propionitrile	mg/kg	.13	<	U	.13	.13	.13	<	U	.13	.13					
Styrene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Tetrachloroethene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Toluene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
Trichloroethene	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013					
Trichlorofluoromethane	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013					
Vinyl acetate	mg/kg	.025	<	U	.025	.025	.026	<	U	.026	.026					
Vinyl chloride	mg/kg	.013	<	U	.013	.013	.013	<	U	.013	.013					
Xylenes, Total	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					
cis-1,2-Dichloroethene	mg/kg	.0062	<	U	.0062	.0062	.0066	<	U	.0066	.0066					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPCSD05					GPCSD05					GPCSD06				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPCSD05-981116					GPCSD05-981202					GPCSD06				
	Sample Date:		16-NOV-98					02-DEC-98					16-NOV-98				
	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	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Chloroethane	mg/kg	.014	<	U	.014	.014						.014	<	U	.014	.014	
Chloroform	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Chloromethane	mg/kg	.014	<	U	.014	.014						.014	<	U	.014	.014	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Dibromomethane	mg/kg	.014	<	U	.014	.014						.014	<	U	.014	.014	
Dichlorodifluoromethane	mg/kg	.02	<	U	.02	.02						.021	<	U	.021	.021	
Ethyl methacrylate	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Ethylbenzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Hexachlorobutadiene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
IODOMETHANE	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
ISOBUTYL ALCOHOL	mg/kg	1.4	<	U	1.4	1.4						1.4	<	U	1.4	1.4	
Isopropylbenzene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
METHYL METHACRYLATE	mg/kg	.068	<	U	.068	.068						.069	<	U	.069	.069	
Methacrylonitrile	mg/kg	.14	<	U	.14	.14						.14	<	U	.14	.14	
Methyl isobutyl ketone	mg/kg	.027	<	U	.027	.027						.028	<	U	.028	.028	
Methylene chloride	mg/kg	.0068	<	U	.0068	.0068						.0014		J	.0069	.0069	
Naphthalene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Pentachloroethane	mg/kg	.014	<	U	.014	.014						.014	<	U	.014	.014	
Propionitrile	mg/kg	.14	<	U	.14	.14						.14	<	U	.14	.14	
Styrene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Tetrachloroethene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Toluene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
Trichloroethene	mg/kg	.0026			.014	.014						.014	<	U	.014	.014	
Trichlorofluoromethane	mg/kg	.014	<	U	.014	.014						.014	<	U	.014	.014	
Vinyl acetate	mg/kg	.027	<	U	.027	.027						.028	<	U	.028	.028	
Vinyl chloride	mg/kg	.014	<	U	.014	.014						.014	<	U	.014	.014	
Xylenes, Total	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	
cis-1,2-Dichloroethene	mg/kg	.0068	<	U	.0068	.0068						.0069	<	U	.0069	.0069	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPCSD06					GPCSD07					GPCSD07				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPCSD06QC					GPCSD07-981116					GPCSD07-981203				
	Sample Date:		16-NOV-98					16-NOV-98					03-DEC-98				
	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	.0066	<	U	.0066	.0066						
Chloroethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013						
Chloroform	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Chloromethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013						
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Dibromomethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013						
Dichlorodifluoromethane	mg/kg	.021	<	U	.021	.021	.02	<	U	.02	.02						
Ethyl methacrylate	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Ethylbenzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Hexachlorobutadiene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
IODOMETHANE	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
ISOBUTYL ALCOHOL	mg/kg	1.4	<	U	1.4	1.4	1.3	<	U	1.3	1.3						
Isopropylbenzene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
METHYL METHACRYLATE	mg/kg	.07	<	U	.07	.07	.066	<	U	.066	.066						
Methacrylonitrile	mg/kg	.14	<	U	.14	.14	.13	<	U	.13	.13						
Methyl isobutyl ketone	mg/kg	.028	<	U	.028	.028	.026	<	U	.026	.026						
Methylene chloride	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Naphthalene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Pentachloroethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013						
Propionitrile	mg/kg	.14	<	U	.14	.14	.13	<	U	.13	.13						
Styrene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Tetrachloroethene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Toluene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
Trichloroethene	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013						
Trichlorofluoromethane	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013						
Vinyl acetate	mg/kg	.028	<	U	.028	.028	.026	<	U	.026	.026						
Vinyl chloride	mg/kg	.014	<	U	.014	.014	.013	<	U	.013	.013						
Xylenes, Total	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						
cis-1,2-Dichloroethene	mg/kg	.007	<	U	.007	.007	.0066	<	U	.0066	.0066						

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPCSD08					GPCSD10					GPCSD10				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPCSD08					GPCSD10-981111					GPCSD10-981203				
	Sample Date:	11-NOV-98					11-NOV-98					03-DEC-98				
	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	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Chloroethane	mg/kg	.013	<	U	.013	.013	.014	<	U	.014	.014					
Chloroform	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Chloromethane	mg/kg	.013	<	U	.013	.013	.014	<	U	.014	.014					
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Dibromomethane	mg/kg	.013	<	U	.013	.013	.014	<	U	.014	.014					
Dichlorodifluoromethane	mg/kg	.02	<	U	.02	.02	.02	<	U	.02	.02					
Ethyl methacrylate	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Ethylbenzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Hexachlorobutadiene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
IODOMETHANE	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
ISOBUTYL ALCOHOL	mg/kg	1.3	<	U	1.3	1.3	1.4	<	U	1.4	1.4					
Isopropylbenzene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
METHYL METHACRYLATE	mg/kg	.066	<	U	.066	.066	.068	<	U	.068	.068					
Methacrylonitrile	mg/kg	.13	<	U	.13	.13	.14	<	U	.14	.14					
Methyl isobutyl ketone	mg/kg	.026	<	U	.026	.026	.027	<	U	.027	.027					
Methylene chloride	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Naphthalene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Pentachloroethane	mg/kg	.013	<	U	.013	.013	.014	<	U	.014	.014					
Propionitrile	mg/kg	.13	<	U	.13	.13	.14	<	U	.14	.14					
Styrene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Tetrachloroethene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Toluene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
Trichloroethene	mg/kg	.013	<	U	.013	.013	.014	<	U	.014	.014					
Trichlorofluoromethane	mg/kg	.013	<	U	.013	.013	.014	<	U	.014	.014					
Vinyl acetate	mg/kg	.026	<	U	.026	.026	.027	<	U	.027	.027					
Vinyl chloride	mg/kg	.013	<	U	.013	.013	.014	<	U	.014	.014					
Xylenes, Total	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					
cis-1,2-Dichloroethene	mg/kg	.0066	<	U	.0066	.0066	.0068	<	U	.0068	.0068					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPS-1					GPS-11					GPS-12				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPS-1					GPS-11					GPS-12				
	Sample Date:		07-AUG-96					04-SEP-97					04-SEP-97				
	Sample Depth:		.0 - 0.5					.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	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Chloroethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Chloroform	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Chloromethane	mg/kg	.0022	<	U	.0022	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Dibromomethane	mg/kg	.0011	<	U	.0011	-99											
Dichlorodifluoromethane	mg/kg	.0011	<	U	.0011	-99											
Ethyl methacrylate	mg/kg																
Ethylbenzene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Hexachlorobutadiene	mg/kg	.0011	<	U	.0011	-99											
IODOMETHANE	mg/kg						.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
ISOBUTYL ALCOHOL	mg/kg																
Isopropylbenzene	mg/kg	.0011	<	U	.0011	-99											
METHYL METHACRYLATE	mg/kg																
Methacrylonitrile	mg/kg																
Methyl isobutyl ketone	mg/kg						.136	<	U	.136	-99	.173	<	U	.173	-99	
Methylene chloride	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Naphthalene	mg/kg	.0085			.0022	-99											
Pentachloroethane	mg/kg																
Propionitrile	mg/kg																
Styrene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Tetrachloroethene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Toluene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Trichloroethene	mg/kg	.0379			.0022	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Trichlorofluoromethane	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	
Vinyl acetate	mg/kg						.0682	<	U	.0682	-99	.0867	<	U	.0867	-99	
Vinyl chloride	mg/kg	.0668			.0011	-99	.00273	<	U	.00273	-99	.00347	<	U	.00347	-99	
Xylenes, Total	mg/kg	.0032	<	U	.0032	-99											
cis-1,2-Dichloroethene	mg/kg	.0907			.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPS-2					GPS-3					GPS-4				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPS-2					GPS-3					GPS-4				
	Sample Date:		07-AUG-96					07-AUG-96					07-AUG-96				
	Sample Depth:		.0 - 0.5					.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	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Chloroethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Chloroform	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Chloromethane	mg/kg	.0028	<	U	.0028	-99	.0036	<	U	.0036	-99	.0026	<	U	.0026	-99	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Dibromomethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Dichlorodifluoromethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Ethyl methacrylate	mg/kg																
Ethylbenzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Hexachlorobutadiene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
IODOMETHANE	mg/kg																
ISOBUTYL ALCOHOL	mg/kg																
Isopropylbenzene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
METHYL METHACRYLATE	mg/kg																
Methacrylonitrile	mg/kg																
Methyl isobutyl ketone	mg/kg																
Methylene chloride	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Naphthalene	mg/kg	.0028	<	U	.0028	-99	.0036	<	U	.0036	-99	.0026	<	U	.0026	-99	
Pentachloroethane	mg/kg																
Propionitrile	mg/kg																
Styrene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Tetrachloroethene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Toluene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Trichloroethene	mg/kg	.0028	<	U	.0028	-99	.0036	<	U	.0036	-99	.0026	<	U	.0026	-99	
Trichlorofluoromethane	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Vinyl acetate	mg/kg																
Vinyl chloride	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	
Xylenes, Total	mg/kg	.0042	<	U	.0042	-99	.0054	<	U	.0054	-99	.004	<	U	.004	-99	
cis-1,2-Dichloroethene	mg/kg	.0014	<	U	.0014	-99	.0018	<	U	.0018	-99	.0013	<	U	.0013	-99	

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-5					GPS-6					GPWSD01				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-5					GPS-6					GPWSD01				
	Sample Date:	08-AUG-96					08-AUG-96					19-NOV-98				
	Sample Depth:	.0 -0.5					.0 -0.5					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
Chlorobenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Chloroethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.017	<	U	.017	.017
Chloroform	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Chloromethane	mg/kg	.0025	<	U	.0025	-99	.0024	<	U	.0024	-99	.017	<	U	.017	.017
Chloroprene	mg/kg															
Dibromochloromethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Dibromomethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.017	<	U	.017	.017
Dichlorodifluoromethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.026	<	U	.026	.026
Ethyl methacrylate	mg/kg											.0086	<	U	.0086	.0086
Ethylbenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Hexachlorobutadiene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
IODOMETHANE	mg/kg											.0086	<	U	.0086	.0086
ISOBUTYL ALCOHOL	mg/kg											1.7	<	U	1.7	1.7
Isopropylbenzene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
METHYL METHACRYLATE	mg/kg											.086	<	U	.086	.086
Methacrylonitrile	mg/kg											.17	<	U	.17	.17
Methyl isobutyl ketone	mg/kg											.034	<	U	.034	.034
Methylene chloride	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Naphthalene	mg/kg	.0025	<	U	.0025	-99	.0024	<	U	.0024	-99	.0086	<	U	.0086	.0086
Pentachloroethane	mg/kg											.017	<	U	.017	.017
Propionitrile	mg/kg											.17	<	U	.17	.17
Styrene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Tetrachloroethene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086
Toluene	mg/kg	.0013	<	U	.0013	-99	.0036			.0012	-99	.0086	<	U	.0086	.0086
Trichloroethene	mg/kg	.0025	<	U	.0025	-99	.0024	<	U	.0024	-99	.00091		J	.017	.017
Trichlorofluoromethane	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.017	<	U	.017	.017
Vinyl acetate	mg/kg											.034	<	U	.034	.034
Vinyl chloride	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.017	<	U	.017	.017
Xylenes, Total	mg/kg	.0038	<	U	.0038	-99	.0036	<	U	.0036	-99	.0086	<	U	.0086	.0086
cis-1,2-Dichloroethene	mg/kg	.0013	<	U	.0013	-99	.0012	<	U	.0012	-99	.0086	<	U	.0086	.0086

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPWSD01					GPWSD02					GPWSD02				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPWSD01QC					GPWSD02-981201					GPWSD02-981202				
	Sample Date:		19-NOV-98					01-DEC-98					02-DEC-98				
	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	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Chloroethane	mg/kg	.017	<	U	.017	.017	.019	<	U	.019	.019						
Chloroform	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Chloromethane	mg/kg	.017	<	U	.017	.017	.019	<	U	.019	.019						
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Dibromomethane	mg/kg	.017	<	U	.017	.017	.019	<	U	.019	.019						
Dichlorodifluoromethane	mg/kg	.026	<	U	.026	.026	.028	<	U	.028	.028						
Ethyl methacrylate	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Ethylbenzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Hexachlorobutadiene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
IODOMETHANE	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
ISOBUTYL ALCOHOL	mg/kg	1.7	<	U	1.7	1.7	1.9	<	U	1.9	1.9						
Isopropylbenzene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
METHYL METHACRYLATE	mg/kg	.086	<	U	.086	.086	.095	<	U	.095	.095						
Methacrylonitrile	mg/kg	.17	<	U	.17	.17	.19	<	U	.19	.19						
Methyl isobutyl ketone	mg/kg	.034	<	U	.034	.034	.038	<	U	.038	.038						
Methylene chloride	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Naphthalene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Pentachloroethane	mg/kg	.017	<	U	.017	.017	.019	<	U	.019	.019						
Propionitrile	mg/kg	.17	<	U	.17	.17	.19	<	U	.19	.19						
Styrene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Tetrachloroethene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Toluene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
Trichloroethene	mg/kg	.017	<	U	.017	.017	.019	<	U	.019	.019						
Trichlorofluoromethane	mg/kg	.017	<	U	.017	.017	.019	<	U	.019	.019						
Vinyl acetate	mg/kg	.034	<	U	.034	.034	.038	<	U	.038	.038						
Vinyl chloride	mg/kg	.017	<	U	.017	.017	.019	<	U	.019	.019						
Xylenes, Total	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						
cis-1,2-Dichloroethene	mg/kg	.0086	<	U	.0086	.0086	.0095	<	U	.0095	.0095						

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:		GPWSD03					GPWSD03					GPWSD04				
	Associated Site:		Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:		GPWSD03-981201					GPWSD03-981202					GPWSD04-981120				
	Sample Date:		01-DEC-98					02-DEC-98					20-NOV-98				
	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	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
Chloroethane	mg/kg	.017	<	U	.017	.017						.012	<	U	.012	.012	
Chloroform	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
Chloromethane	mg/kg	.017	<	U	.017	.017						.012	<	U	.012	.012	
Chloroprene	mg/kg																
Dibromochloromethane	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
Dibromomethane	mg/kg	.017	<	U	.017	.017						.012	<	U	.012	.012	
Dichlorodifluoromethane	mg/kg	.025	<	U	.025	.025						.018	<	U	.018	.018	
Ethyl methacrylate	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
Ethylbenzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
Hexachlorobutadiene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
IODOMETHANE	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
ISOBUTYL ALCOHOL	mg/kg	1.7	<	U	1.7	1.7						1.2	<	U	1.2	1.2	
Isopropylbenzene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
METHYL METHACRYLATE	mg/kg	.083	<	U	.083	.083						.06	<	U	.06	.06	
Methacrylonitrile	mg/kg	.17	<	U	.17	.17						.12	<	U	.12	.12	
Methyl isobutyl ketone	mg/kg	.033	<	U	.033	.033						.024	<	U	.024	.024	
Methylene chloride	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
Naphthalene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
Pentachloroethane	mg/kg	.017	<	U	.017	.017						.012	<	U	.012	.012	
Propionitrile	mg/kg	.17	<	U	.17	.17						.12	<	U	.12	.12	
Styrene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
Tetrachloroethene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
Toluene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
Trichloroethene	mg/kg	.017	<	U	.017	.017						.012	<	U	.012	.012	
Trichlorofluoromethane	mg/kg	.017	<	U	.017	.017						.012	<	U	.012	.012	
Vinyl acetate	mg/kg	.033	<	U	.033	.033						.024	<	U	.024	.024	
Vinyl chloride	mg/kg	.017	<	U	.017	.017						.012	<	U	.012	.012	
Xylenes, Total	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	
cis-1,2-Dichloroethene	mg/kg	.0083	<	U	.0083	.0083						.006	<	U	.006	.006	

00052218

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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LHS-GPC-06

Goose Prairie Creek

LHS-GPC-06

12-JAN-95

.0 - 0.5

[illegible]

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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Location Code: LHS-GPC-08
Associated Site: Goose Prairie Creek
Sample No: LHS-GPC-08
Sample Date: 12-JAN-95
Sample Depth: .0 - 0.5

User Test Group

<i>Parameter</i>	<i>Units</i>	<i>Result</i>	<i>Qual</i>	<i>VQ</i>	<i>RL</i>	<i>MDL</i>
VOLATILES						
Chlorobenzene	mg/kg	.007	<	U	.007	.007
Chloroethane	mg/kg	.013	<	U	.013	.013
Chloroform	mg/kg	.007	<	U	.007	.007
Chloromethane	mg/kg	.013	<	U	.013	.013
Chloroprene	mg/kg	.13	<	U	.13	.13
Dibromochloromethane	mg/kg	.007	<	U	.007	.007
Dibromomethane	mg/kg	.026	<	U	.026	.026
Dichlorodifluoromethane	mg/kg	.026	<	U	.026	.026
Ethyl methacrylate	mg/kg	.026	<	U	.026	.026
Ethylbenzene	mg/kg	.007	<	U	.007	.007
Hexachlorobutadiene	mg/kg					
IODOMETHANE	mg/kg	.013	<	U	.013	.013
ISOBUTYL ALCOHOL	mg/kg	2.6	<	U	2.6	2.6
Isopropylbenzene	mg/kg					
METHYL METHACRYLATE	mg/kg	.026	<	U	.026	.026
Methacrylonitrile	mg/kg	.026	<	U	.026	.026
Methyl isobutyl ketone	mg/kg	.013	<	U	.013	.013
Methylene chloride	mg/kg	.007	<	U	.007	.007
Naphthalene	mg/kg					
Pentachloroethane	mg/kg	.026	<	U	.026	.026
Propionitrile	mg/kg	.066	<	U	.066	.066
Styrene	mg/kg	.007	<	U	.007	.007
Tetrachloroethene	mg/kg	.007	<	U	.007	.007
Toluene	mg/kg	.007	<	U	.007	.007
Trichloroethene	mg/kg	.007	<	U	.007	.007
Trichlorofluoromethane	mg/kg	.013	<	U	.013	.013
Vinyl acetate	mg/kg	.013	<	U	.013	.013
Vinyl chloride	mg/kg	.013	<	U	.013	.013
Xylenes, Total	mg/kg	.007	<	U	.007	.007
cis-1,2-Dichloroethene	mg/kg					

00052220

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD13

Goose Prairie Creek

29SD13(0-0.5)QC

27-APR-93

.0 - 0.5

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg

00052221

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD16

Goose Prairie Creek

29SD16(0-0.5)

27-APR-93

.0 - 0.5

MDL

mg/kg

00052222

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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29SD27

Goose Prairie Creek

29SD27

08-OCT-98

.0 - 0

MDL

 RL

 RL

.0067

.0067

.0067

.0067

.0067

.0067

.0067

.0067

00052224

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD02

Goose Prairie Creek

32SD02(0.5)

30-APR-93

.0 - 0.5

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Units

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

00052225

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD08

Goose Prairie Creek

32SD08(000.0)

12-APR-95

.0 - 0

MDL

mg/kg

00052226

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD14

Goose Prairie Creek

32SD14(000.0)

19-FEB-95

.0 - 0

MDL

cis-1,3-Dichloropropene
m,p-Xylenes
n-BUTYLBENZENE
n-PROPYLBENZENE
p-ISOPROPYLTOLUENE
sec-BUTYLBENZENE
tert-BUTYLBENZENE
trans-1,2-Dichloroethene
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene

00052227

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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32SD19

Goose Prairie Creek

32SD19-981008

08-OCT-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

$$.0075 < U .0075 \quad .0075$$
$$.0075 < U .0075 .0075$$
$$.0075 < U .0075 .0075$$
$$.0075 < U .0075 .0075$$
$$.0075 < U .0075 .0075$$
$$.0075 < U .0075 .0075$$
$$.0075 < U .0075 .0075$$
$$.0075 < U \quad .0075 \quad .0075$$

00052228

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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35ASD02

Goose Prairie Creek

35ASD02-981109

09-NOV-98

.0 - 0

[illegible]

00052229

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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46SD03

Goose Prairie Creek

46SD03-981203

03-DEC-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

cis-1,3-Dichloropropene
m,p-Xylenes
n-BUTYLBENZENE
n-PROPYLBENZENE
p-ISOPROPYLTOLUENE
sec-BUTYLBENZENE
tert-BUTYLBENZENE
trans-1,2-Dichloroethene
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene

mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg

.012 < U .012 .012

m,p-Xylenes	mg/kg
n-BUTYLBENZENE	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
trans-1,4-Dichloro-2-butene	mg/kg

00052230

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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46SD07

Goose Prairie Creek

46SD07-981110

10-NOV-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

cis-1,3-Dichloropropene
m,p-Xylenes
n-BUTYLBENZENE
n-PROPYLBENZENE
p-ISOPROPYLTOLUENE
sec-BUTYLBENZENE
tert-BUTYLBENZENE
trans-1,2-Dichloroethene
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene

091

66

0066

00052231

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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46SD08

Goose Prairie Creek

46SD08-981203

03-DEC-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

Units

mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg

[illegible]

00052234

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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50SD06

Goose Prairie Creek

50SD06-981111

11-NOV-98

.0 - 0

00052235

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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50SD08

Goose Prairie Creek

50SD08-981111

11-NOV-98

.0 - 0

[illegible]

00052236

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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60SD02

Goose Prairie Creek

60SD02QC

10-NOV-98

.0 - 0

mg/kg

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-1					CL-GPSN-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1 (1)					CL-GPSN-1(1)					CL-GPSN-1 (2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
cis-1,3-Dichloropropene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
trans-1,3-Dichloropropene	mg/kg	.00624	<	U	.00624	-99						.00334	<	U	.00334	-99
trans-1,4-Dichloro-2-butene	mg/kg	.0312	<	U	.0312	-99						.0167	<	U	.0167	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSN-1					CL-GPSN-2					CL-GPSN-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-1(2)					CL-GPSN-2 (1)					CL-GPSN-2(1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5				
<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
VOLATILES																
cis-1,3-Dichloropropene	mg/kg						.0074	<	U	.0074	-99					
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg						.0074	<	U	.0074	-99					
trans-1,3-Dichloropropene	mg/kg						.0074	<	U	.0074	-99					
trans-1,4-Dichloro-2-butene	mg/kg						.037	<	U	.037	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-2					CL-GPSN-2					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-2 (2)					CL-GPSN-2(2)					CL-GPSN-3 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
cis-1,3-Dichloropropene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
trans-1,3-Dichloropropene	mg/kg	.00488	<	U	.00488	-99						.00666	<	U	.00666	-99
trans-1,4-Dichloro-2-butene	mg/kg	.0244	<	U	.0244	-99						.0333	<	U	.0333	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-3				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(1)					CL-GPSN-3 (2)					CL-GPSN-3 (2) QC				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
cis-1,3-Dichloropropene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
trans-1,3-Dichloropropene	mg/kg						.00512	<	U	.00512	-99	.00472	<	U	.00472	-99
trans-1,4-Dichloro-2-butene	mg/kg						.0256	<	U	.0256	-99	.0236	<	U	.0236	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-3					CL-GPSN-3					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-3(2)					CL-GPSN-3(2) QC					CL-GPSN-4 (1)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
cis-1,3-Dichloropropene	mg/kg											.0111	<	U	.0111	-99
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg											.0111	<	U	.0111	-99
trans-1,3-Dichloropropene	mg/kg											.0111	<	U	.0111	-99
trans-1,4-Dichloro-2-butene	mg/kg											.0555	<	U	.0555	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSN-4					CL-GPSN-4					CL-GPSN-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSN-4(1)					CL-GPSN-4 (2)					CL-GPSN-4(2)				
	Sample Date:	10-AUG-00					10-AUG-00					10-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
VOLATILES																
cis-1,3-Dichloropropene	mg/kg						.00312	<	U	.00312	-99					
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg						.00312	<	U	.00312	-99					
trans-1,3-Dichloropropene	mg/kg						.00312	<	U	.00312	-99					
trans-1,4-Dichloro-2-butene	mg/kg						.0156	<	U	.0156	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-1					CL-GPSS-1				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1 (1)					CL-GPSS-1(1)					CL-GPSS-1 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
cis-1,3-Dichloropropene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
trans-1,3-Dichloropropene	mg/kg	.00646	<	U	.00646	-99						.002	<	U	.002	-99
trans-1,4-Dichloro-2-butene	mg/kg	.0323	<	U	.0323	-99						.01	<	U	.01	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-1					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-1(2)					CL-GPSS-2 (1)					CL-GPSS-2 (1) QC				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	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																
cis-1,3-Dichloropropene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	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	.00666	<	U	.00666	-99
trans-1,3-Dichloropropene	mg/kg						.0054	<	U	.0054	-99	.00666	<	U	.00666	-99
trans-1,4-Dichloro-2-butene	mg/kg						.027	<	U	.027	-99	.0333	<	U	.0333	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-2					CL-GPSS-2				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-2(1)					CL-GPSS-2(1)QC					CL-GPSS-2 (2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.5 - 1				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
cis-1,3-Dichloropropene	mg/kg											.004	<	U	.004	-99
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg											.004	<	U	.004	-99
trans-1,3-Dichloropropene	mg/kg											.004	<	U	.004	-99
trans-1,4-Dichloro-2-butene	mg/kg											.02	<	U	.02	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSS-2					CL-GPSS-3					CL-GPSS-3					
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek					
	Sample No:	CL-GPSS-2(2)					CL-GPSS-3 (1)					CL-GPSS-3(1)					
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00					
	Sample Depth:	.5 - 1					.0 - 0.5					.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
VOLATILES																	
cis-1,3-Dichloropropene		mg/kg						.00384	<	U	.00384	-99					
m,p-Xylenes		mg/kg															
n-BUTYLBENZENE		mg/kg															
n-PROPYLBENZENE		mg/kg															
p-ISOPROPYLTOLUENE		mg/kg															
sec-BUTYLBENZENE		mg/kg															
tert-BUTYLBENZENE		mg/kg															
trans-1,2-Dichloroethene		mg/kg						.00384	<	U	.00384	-99					
trans-1,3-Dichloropropene		mg/kg						.00384	<	U	.00384	-99					
trans-1,4-Dichloro-2-butene		mg/kg						.0192	<	U	.0192	-99					

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	CL-GPSS-3					CL-GPSS-3					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-3 (2)					CL-GPSS-3(2)					CL-GPSS-4 (1)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.5 - 1					.5 - 1					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
cis-1,3-Dichloropropene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
trans-1,3-Dichloropropene	mg/kg	.00304	<	U	.00304	-99						.00416	<	U	.00416	-99
trans-1,4-Dichloro-2-butene	mg/kg	.0152	<	U	.0152	-99						.0208	<	U	.0208	-99

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	CL-GPSS-4					CL-GPSS-4					CL-GPSS-4				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	CL-GPSS-4(1)					CL-GPSS-4 (2)					CL-GPSS-4(2)				
	Sample Date:	09-AUG-00					09-AUG-00					09-AUG-00				
	Sample Depth:	.0 - 0.5					.5 - 1					.5 - 1				
<u>Parameter</u>	<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
VOLATILES																
cis-1,3-Dichloropropene	mg/kg						.002	<	U		.002	-99				
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	mg/kg															
n-PROPYLBENZENE	mg/kg															
p-ISOPROPYLTOLUENE	mg/kg															
sec-BUTYLBENZENE	mg/kg															
tert-BUTYLBENZENE	mg/kg															
trans-1,2-Dichloroethene	mg/kg						.002	<	U		.002	-99				
trans-1,3-Dichloropropene	mg/kg						.002	<	U		.002	-99				
trans-1,4-Dichloro-2-butene	mg/kg						.01	<	U		.01	-99				

00052249

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD01

Goose Prairie Creek

GPCSD01-981118

18-NOV-98

.0 - 0

[illegible]

00052250

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD02

Goose Prairie Creek

GPCSD02-981202

02-DEC-98

.0 - 0

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>

mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg
mg/kg

[illegible]

00052251

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD04

Goose Prairie Creek

GPCSD04-981202

02-DEC-98

.0 - 0

MDL

<u>RL</u>	<u>MDL</u>

<u>RL</u>	<u>MDL</u>

.006E

.006E

.006E

.006E

.006E

.006E

.006E

.006E

00052252

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD06

Goose Prairie Creek

GPCSD06

16-NOV-98

.0 - 0

[illegible]

00052253

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPCSD07

Goose Prairie Creek

GPCSD07-981203

03-DEC-98

.0 - 0

<u>RL</u>	<u>MDL</u>

<u>RL</u>	<u>MDL</u>

<u>RL</u>	<u>MDL</u>

.0066

.0066

.0066

.0066

.0066

.0066

.0066

.0066

00052254

Goose Prairie Creek Watershed
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GPCSD10

Goose Prairie Creek

GPCSD10-981203

03-DEC-98

.0 - 0

MDL

<u>RL</u>	<u>MDL</u>

.0068

.0068

.0068

.0068

.0068

.0068

.0068

.0068

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	GPS-1					GPS-11					GPS-12				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	GPS-1					GPS-11					GPS-12				
	Sample Date:	07-AUG-96					04-SEP-97					04-SEP-97				
	Sample Depth:	.0 -0.5					.0 -0					.0 -0				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
cis-1,3-Dichloropropene	mg/kg						.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
m,p-Xylenes	mg/kg						.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
n-BUTYLBENZENE	mg/kg	.0011	<	U	.0011	-99										
n-PROPYLBENZENE	mg/kg	.0011	<	U	.0011	-99										
p-ISOPROPYLTOLUENE	mg/kg	.0011	<	U	.0011	-99										
sec-BUTYLBENZENE	mg/kg	.0011	<	U	.0011	-99										
tert-BUTYLBENZENE	mg/kg	.0011	<	U	.0011	-99										
trans-1,2-Dichloroethene	mg/kg	.0011	<	U	.0011	-99	.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
trans-1,3-Dichloropropene	mg/kg						.00682	<	U	.00682	-99	.00867	<	U	.00867	-99
trans-1,4-Dichloro-2-butene	mg/kg						.136	<	U	.136	-99	.173	<	U	.173	-99

00052258

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPWSD02

Goose Prairie Creek

GPWSD02-981202

02-DEC-98

.0 - 0

MDL

MDL

.0095

.0095

.0095

.0095

.0095

.0095

.0095

.0095

00052259

Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

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GPWSD04

Goose Prairie Creek

GPWSD04-981120

20-NOV-98

.0 - 0

MDL

MDL

MDL

.006

.006

.006

.006

.006

.006

.006

.006

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

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User Test Group	Location Code:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Associated Site:	Goose Prairie Creek					Goose Prairie Creek					Goose Prairie Creek				
	Sample No:	LHS-GPC-02					LHS-GPC-04					LHS-GPC-06				
	Sample Date:	12-JAN-95					12-JAN-95					12-JAN-95				
	Sample Depth:	.0 - 0.5					.0 - 0.5					.0 - 0.5				
Parameter	Units	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL	Result	Qual	VQ	RL	MDL
VOLATILES																
cis-1,3-Dichloropropene	mg/kg	.006	<	U	.006	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
m,p-Xylenes	mg/kg															
n-BUTYLBENZENE	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	.006	.006	<	U	.006	.006	.006	<	U	.006	.006
trans-1,4-Dichloro-2-butene	mg/kg	.024	<	U	.024	.024	.024	<	U	.024	.024	.025	<	U	.025	.025

Exhibit 1
Summary of Validated Sediment Analytical Data
Goose Prairie Creek Watershed
Longhorn Army Ammunition Plant, Karnack, Texas

Report Date: 11/15/04

User Test Group	Location Code:	LHS-GPC-08					
	Associated Site:	Goose Prairie Creek					
	Sample No:	LHS-GPC-08					
	Sample Date:	12-JAN-95					
	Sample Depth:	.0 - 0.5					
<u>Parameter</u>		<u>Units</u>	<u>Result</u>	<u>Qual</u>	<u>VQ</u>	<u>RL</u>	<u>MDL</u>
VOLATILES							
cis-1,3-Dichloropropene	mg/kg	.007	<	U	.007	.007	
m,p-Xylenes	mg/kg						
n-BUTYLBENZENE	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	.007	
trans-1,4-Dichloro-2-butene	mg/kg	.026	<	U	.026	.026	