

**APPENDIX H**  
**LABORATORY ANALYTICAL RESULTS**



## **LABORATORY ANALYTICAL RESULTS**

All laboratory analytical results for characterization samples, including field duplicates, are presented by media in Tables 4-1 through 4-5 at the end of Chapter 4.0. The results for field QC samples (rinsates and blanks) are presented in this appendix.

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Table H-1. Quality Control Results for Inorganic Constituents

Sample ID		LL0718	LL0718	LL0719	LL0720	LL0721	LL0721	LL11150	LL11152
Date		09/06/1999	09/06/1999	09/03/1999	09/02/1999	09/06/1999	09/06/1999	09/20/2000	09/20/2000
Filtered		Dissolved	Total	Total	Total	Dissolved	Total	Total	Total
Field Type		Source Water Blank	Source Water Blank	Source Water Blank	Equipment Rinsate	Equipment Rinsate	Equipment Rinsate	Equipment Rinsate	Source Water Blank
Analyte	Units								
Cyanide	µg/L		10 U	10 R	10 U		10 U	10 U	10 U
Aluminum	µg/L	94 J	200 R	200 U	200 U	200 R	2200 J	28 U	200 U
Antimony	µg/L	60 U	5 U	5 U	5 U	60 U	5.6 =	5 U	5 U
Arsenic	µg/L	10 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U
Barium	µg/L	37 J	36 J	200 U	200 U	200 U	10 J	200 U	33 U
Beryllium	µg/L	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Cadmium	µg/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	µg/L	46200 =	44000 J	5000 U	160 J	270 J	13700 =	5000 U	40700 U
Chromium	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.7 U
Cobalt	µg/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	µg/L	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Iron	µg/L	100 U	100 U	100 U	100 U	100 U	110 U	100 U	100 U
Lead	µg/L	3 U	3 U	3 U	3 U	3 U	3.3 =	3 U	3 U
Magnesium	µg/L	13200 =	12700 =	5000 U	5000 U	5000 U	170 J	5000 U	11600 U
Manganese	µg/L	11 J	6.1 J	15 U	15 U	15 U	19 =	15 U	2.8 U
Mercury	µg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.14 J
Nickel	µg/L	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Potassium	µg/L	5200 J	5100 =	5000 U	5000 U	5000 R	5000 R	230 U	4900 U
Selenium	µg/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	µg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	µg/L	37000 =	37100 =	5000 U	5000 U	5000 U	5000 U	5000 U	45400 U
Thallium	µg/L	2 U	2 UJ	2 U	2 U	2 U	2 U	2 UJ	10 UJ
Vanadium	µg/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Zinc	µg/L	260 =	240 =	20 U	14 J	11 U	13 U	20 U	200 U

= - detected.

J - estimated.

U - not detected.

R - rejected.

Table H-2. Quality Control Results for Propellant and Explosive Constituents

Sample ID		LL0718	LL0719	LL0720	LL0721	LL11150	LL11152
Customer ID							
Date		09/06/1999	09/03/1999	09/02/1999	09/06/1999	09/20/2000	09/20/2000
Depth (ft)		0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Filtered		Total	Total	Total	Total	Total	Total
Field Type		Source Water Blank	Source Water Blank	Equipment Rinsate	Equipment Rinsate	Equipment Rinsate	Source Water Blank
Analyte	Units						
1,3,5-Trinitrobenzene	µg/L	0.2 U	0.4 U	0.4 U	1 U	0.2 U	0.2 U
1,3-Dinitrobenzene	µg/L	0.2 U	0.4 U	0.4 U	1 U	0.2 U	0.11 J
2,4,6-Trinitrotoluene	µg/L	0.094 J	0.17 J	0.4 U	1 U	0.2 U	0.2 U
2,4-Dinitrotoluene	µg/L	0.13 U	0.26 U	0.2 J	0.65 U	0.13 U	0.13 U
2,6-Dinitrotoluene	µg/L	0.13 U	0.26 U	0.26 U	0.65 U	0.13 U	0.13 U
2-Amino-4,6-dinitrotoluene	µg/L					0.2 U	0.2 U
2-Nitrotoluene	µg/L	0.2 U	0.4 U	0.4 U	0.7 J	0.2 U	0.2 U
3-Nitrotoluene	µg/L	0.2 U	0.4 U	0.4 U	1 U	0.2 U	0.2 U
4-Amino-2,6-dinitrotoluene	µg/L					0.2 U	0.2 U
4-Nitrotoluene	µg/L	0.2 U	0.4 U	0.4 U	0.5 J	0.2 U	0.2 U
HMX	µg/L	0.092 J	1 U	0.27 J	2.5 U	0.5 U	0.5 U
Nitrobenzene	µg/L	0.2 U	0.4 U	0.1 J	0.32 J	0.2 U	0.2 U
Nitrocellulose	µg/L	500 U	500 U	500 U	500 U	500 U	500 U
Nitroglycerin	µg/L	2.5 U	5 U	5 U	12 U	2.5 U	2.5 U
Nitroguanidine	µg/L	20 UJ	20 UJ	20 UJ	20 UJ	20 U	20 U
RDX	µg/L	0.5 U	1 U	1 U	2.5 U	0.11 J	0.5 U
Tetryl	µg/L	0.2 U	0.4 U	0.4 U	1 U	0.2 U	0.2 U

J - estimated.

U - not detected.

Table H-3. Quality Control Results for Pesticide/PCB Constituents

Sample ID		LL0719	LL0720	LL11150	LL11152
Date		09/03/1999	09/02/1999	09/20/2000	09/20/2000
Filtered		Total	Total	Total	Total
Field Type		Source Water Blank	Equipment Rinsate	Equipment Rinsate	Source Water Blank
Analyte	Units				
4,4'-DDD	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDE	µg/L	0.05 U	0.046 J	0.05 U	0.05 U
4,4'-DDT	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Aldrin	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan I	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan sulfate	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Endrin	µg/L	0.05 U	0.03 J	0.05 U	0.05 U
Endrin aldehyde	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Endrin ketone	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor epoxide	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Lindane	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor	µg/L	0.1 UJ	0.1 UJ	0.1 U	0.1 U
PCB-1016	µg/L	1 U	1 U	1 UJ	1 U
PCB-1221	µg/L	1 U	1 U	1 UJ	1 U
PCB-1232	µg/L	1 U	1 U	1 UJ	1 U
PCB-1242	µg/L	1 U	1 U	1 UJ	1 U
PCB-1248	µg/L	1 U	1 U	1 UJ	1 U
PCB-1254	µg/L	1 U	1 U	1 UJ	1 U
PCB-1260	µg/L	1 U	1 U	1 UJ	1 U
Toxaphene	µg/L	2 U	2 U	2 U	2 U
alpha-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
alpha-Chlordane	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
beta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
delta-BHC	µg/L	0.05 U	0.05 U	0.05 U	0.05 U
gamma-Chlordane	µg/L	0.05 U	0.05 U	0.05 U	0.05 U

J - estimated.

U - not detected.

Table H-4. Quality Control Results for Semivolatile Organic Constituents

Sample ID		LL0719	LL0720	LL11150	LL11152
Date		09/03/1999	09/02/1999	09/20/2000	09/20/2000
Filtered		Total	Total	Total	Total
Field Type		Source Water Blank	Equipment Rinsate	Equipment Rinsate	Source Water Blank
Analyte	Units				
1,2,4-Trichlorobenzene	µg/L	20 U	20 U	10 U	10 U
1,2-Dichlorobenzene	µg/L	20 U	20 U	10 U	10 U
1,3-Dichlorobenzene	µg/L	20 U	20 U	10 U	10 U
1,4-Dichlorobenzene	µg/L	20 U	20 U	10 U	10 U
2,4,5-Trichlorophenol	µg/L	20 U	20 U	10 U	10 U
2,4,6-Trichlorophenol	µg/L	20 U	20 U	10 U	10 U
2,4-Dichlorophenol	µg/L	20 U	20 U	10 U	10 U
2,4-Dimethylphenol	µg/L	20 U	20 U	10 U	10 U
2,4-Dinitrophenol	µg/L	50 U	50 U	25 U	25 U
2,4-Dinitrotoluene	µg/L	20 U	20 U	10 U	10 U
2,6-Dinitrotoluene	µg/L	20 U	20 U	10 U	10 U
2-Chloronaphthalene	µg/L	20 U	20 U	10 U	10 U
2-Chlorophenol	µg/L	20 U	20 U	10 U	10 U
2-Methyl-4,6-dinitrophenol	µg/L	50 U	50 U	25 U	25 U
2-Methylnaphthalene	µg/L	20 U	20 U	10 U	10 U
2-Methylphenol	µg/L	20 U	20 U	10 U	10 U
2-Nitrobenzenamine	µg/L	50 U	50 U	25 U	25 U
2-Nitrophenol	µg/L	20 U	20 U	10 U	10 U
3,3'-Dichlorobenzidine	µg/L	20 U	20 U	10 U	10 U
3-Nitrobenzenamine	µg/L	50 U	50 U	25 UJ	25 UJ
4-Bromophenyl phenyl ether	µg/L	20 U	20 U	10 U	10 U
4-Chloro-3-methylphenol	µg/L	20 U	20 U	10 U	10 U
4-Chlorobenzenamine	µg/L	20 U	20 U	10 U	10 U
4-Chlorophenyl phenyl ether	µg/L	20 U	20 U	10 U	10 U
4-Methylphenol	µg/L	20 U	20 U	10 U	10 U
4-Nitrobenzenamine	µg/L	50 U	50 U	25 U	25 U
4-Nitrophenol	µg/L	50 U	50 U	25 U	25 U
Acenaphthene	µg/L	20 U	20 U	10 U	10 U
Acenaphthylene	µg/L	20 U	20 U	10 U	10 U
Anthracene	µg/L	20 U	20 U	10 U	10 U
Benz(a)anthracene	µg/L	20 U	20 U	10 U	10 U
Benzo(a)pyrene	µg/L	20 U	20 U	10 U	10 U
Benzo(b)fluoranthene	µg/L	20 U	20 U	10 U	10 U
Benzo(ghi)perylene	µg/L	20 U	20 U	10 U	10 U
Benzo(k)fluoranthene	µg/L	20 U	20 U	10 U	10 U
Bis(2-chloroethoxy)methane	µg/L	20 U	20 U	10 U	10 U
Bis(2-chloroethyl) ether	µg/L	20 U	20 U	10 U	10 U
Bis(2-chloroisopropyl) ether	µg/L	20 U	20 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	µg/L	20 U	20 U	10 U	10 U
Butyl benzyl phthalate	µg/L	20 U	20 U	10 U	10 U
Carbazole	µg/L	20 U	20 U	10 U	10 U
Chrysene	µg/L	20 U	20 U	10 U	10 U



Table H-4. Quality Control Results for Semivolatile Organic Constituents (continued)

Sample ID		LL0719	LL0720	LL11150	LL11152
Date		09/03/1999	09/02/1999	09/20/2000	09/20/2000
Filtered		Total	Total	Total	Total
Field Type		Source Water Blank	Equipment Rinsate	Equipment Rinsate	Source Water Blank
Analyte	Units				
Di-n-butyl phthalate	µg/L	140 U	140 =	10 U	10 U
Di-n-octylphthalate	µg/L	20 U	20 U	10 U	10 U
Dibenz(a,h)anthracene	µg/L	20 U	20 U	10 U	10 U
Dibenzofuran	µg/L	20 U	20 U	10 U	10 U
Diethyl phthalate	µg/L	20 U	20 U	10 U	10 U
Dimethyl phthalate	µg/L	20 U	20 U	10 U	10 U
Fluoranthene	µg/L	20 U	20 U	10 U	10 U
Fluorene	µg/L	20 U	20 U	10 U	10 U
Hexachlorobenzene	µg/L	20 U	20 U	10 U	10 U
Hexachlorobutadiene	µg/L	20 U	20 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	20 R	20 R	10 R	10 R
Hexachloroethane	µg/L	20 U	20 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	µg/L	20 U	20 U	10 U	10 U
Isophorone	µg/L	20 U	20 U	10 U	10 U
N-Nitroso-di-n-propylamine	µg/L	20 U	20 U	10 U	10 U
N-Nitrosodiphenylamine	µg/L	20 U	20 U	10 UJ	10 UJ
Naphthalene	µg/L	20 U	20 U	10 U	10 U
Nitrobenzene	µg/L	20 U	20 U	10 U	10 U
Pentachlorophenol	µg/L	50 U	50 U	25 U	25 U
Phenanthrene	µg/L	20 U	20 U	10 U	10 U
Phenol	µg/L	20 U	20 U	10 U	10 U
Pyrene	µg/L	20 U	20 U	10 U	10 U

= - detected.  
 J - estimated.  
 U - not detected.  
 R - rejected.



Table H-5. Quality Control Results for Volatile Organic Constituents (continued)

Sample ID		LL0717	LL0719	LL0720	LL11146	LL11147	LL11148	LL11150	LL11152	LL11317	LL11324	LL11400
Date		09/02/1999	09/03/1999	09/02/1999	09/13/2000	09/18/2000	09/25/2000	09/20/2000	09/20/2000	10/02/2000	10/03/2000	11/06/2000
Filtered		Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
Field Type		Trip Blank	Source Water Blank	Equipment Rinsate	Trip Blank	Trip Blank	Trip Blank	Equipment Rinsate	Source Water Blank	Trip Blank	Trip Blank	Trip Blank
Analyte	Units											
Tetrachloroethene	µg/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	µg/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.2 J	5 U	5 U
Trichloroethene	µg/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	µg/L	10 UJ	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	µg/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	µg/L	5 UJ	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

= - detected.  
 J - estimated.  
 U - not detected.

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9-12-00 Through 9-20-00

COC NO.: LL1SNT - 1  
page 1 of 2

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Lead Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Uzeli Brumbach</i>		(Printed Name) Vicki Brumbach																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
X LL11106	9-13-00	0932	SS																	3	CANCEL!	
X LL10823	9-13-00	0932	SS																	3		
<del>LL1456</del>	<del>9-13-00</del>	<del>0932</del>	<del>SS</del>																	3	<del>2 vjb 9/13/00</del>	
✓ LL10839	9-12-00	1300	SS																	3		
✓ LL10800	9-12-00	1230	SS																	3		
<del>LL1455</del>	<del>9-13-00</del>	<del>0845</del>	<del>SS</del>																	3	<del>e vjb 9/13/00</del>	
X LL10862	9-13-00	0845	SS																	3		
X LL11105	9-13-00	0845	SS																	3	CANCEL!	
X LL10813	9-13-00	0850	SS																	1		
✓ LL10822	9-12-00	1620	SS																	1		
✓ LL10861	9-12-00	1640	SS																	1		
✓ LL10815	9-12-00	1555	SS																	1		
✓ LL10837	9-12-00	1545	SS																	1		
RELINQUISHED BY: <i>Uzeli Brumbach</i>		Date/Time 9-13-00	RECEIVED BY: <i>de Waardt</i>		Date/Time 9-13-00	TOTAL NUMBER OF <sup>see p 2 of 2</sup>		Cooler Temperature: 4°C		Cooler ID: STL J 118		FEDEX NUMBER: NA- Conner pickup		COMPANY NAME: SAIC		2:38 pm		COMPANY NAME:		2:38		
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS												
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B				h SW-846, 9010												
						b SW-846, 8270C				i SW-846, 6010A/7470												
						c SW-846, 6010B/7471				j SW-846, 8270C												
						d SW-846, 9011/9010				k SW-846, 8082												
						e SW-846, 8082				m SW-846, 8330												
						f SW-846, 8330				n SW-846, 8260B												
						g SW-846, 9060																
COMPANY NAME:			COMPANY NAME:			1 Cool,4C		2 HCL, pH<2		3 HNO3, pH<2		4 NaOH, pH>12										

SS = surface soil

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: 0003				SOIL						WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait							
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1/PCBs e1	PCBs e1-e2	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1			VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Uzeli Brumbach</i>		(Printed Name) Vicki Brumbach																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																					
✓ LL10859	9-12-00	1620	SS																					
✓ LL10841	9-12-00	1520	SS																					
✓ LL10853	9-12-00	1040	SS	1	1																	3		
✓ LL10855	9-12-00	1130	SS																					
H-14 ✓ LL10856	9-12-00	1215	SS																					
✓ LL10857	9-13-00	0945	SS																					
✓ LL10914	9-13-00	1012	SS																					
✓ LL10819	9-12-00	1112	SS																					
✓ LL10820	9-12-00	1137	SS																				1 RUN MS/MSD	
✓ LL10821	9-12-00	1155	SS																				1 RUN MS/MSD vjh 9/13/00	
✓ LL10803	9-12-00	1300	SS																				1	
				vjh 9-13-00																				
RELINQUISHED BY: <i>Uzeli Brumbach</i>		Date/Time 9-13-00	RECEIVED BY: <i>Al Vaidet</i>		Date/Time 9-13-00	TOTAL NUMBER OF 42		Cooler Temperature: 4°C		COMPANY NAME: SAIC		Date/Time 2:38pm	COMPANY NAME:		Cooler ID: vjh 9/13/00 36		FEDEX NUMBER: NA - Courier pickup		STL J118					
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS														
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B				h SW-846, 9010														
						b SW-846, 8270C				i SW-846, 6010A/7470														
						c SW-846, 6010B/7471				j SW-846, 8270C														
						d SW-846, 9011/9010				k SW-846, 8082														
						e SW-846, 8082				m SW-846, 8330														
						f SW-846, 8330				n SW-846, 8260B														
						g SW-846, 9060																		
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool,4C				2 HCL, pH<2				3 HNO3, pH<2				4 NaOH, pH>12						
COMPANY NAME:			COMPANY NAME:																					

\* = EXPLOSIVE DETECTED IN FIELD LAB

COC NO.: LL1SNT - 2

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Seleckman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1		VOCs n1,2	SVOCs j1	PCBs k1 / Pesticides	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396
Sampler (Signature)		(Printed Name)		Sample ID	Date Collected	Time Collected	Matrix														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
<i>Vicki Brumback</i>		VICKI BRUMBACK																				
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	* PLEASE SEE p. 4 of
																						5. Sample #
																						LL10800 WAS collected
																						on 9/12/00. Please
																						expedite.
																						Note: Every PCB analysis
																						request, should also get
																						pesticide analysis.
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time: 9/15/00	RECEIVED BY: <i>al Haidet</i>	Date/Time: 9-15-00	TOTAL NUMBER OF <i>see p. 33</i> <i>5 of 5</i>		Cooler Temperature: 4°C															
COMPANY NAME: SAIC		1615	COMPANY NAME:	1615	Cooler ID: J333 J280 G77 A53		FEDEX NUMBER: NA - Courier Pickup															
RECEIVED BY:	Date/Time:	RELINQUISHED BY:	Date/Time:	SOIL/SEDIMENT METHODS				WATER METHODS														
COMPANY NAME:		COMPANY NAME:		a SW-846, 5035/8260B				h SW-846, 9010														
				b SW-846, 8270C				i SW-846, 6010A/7470														
				c SW-846, 6010B/7471				j SW-846, 8270C														
				d SW-846, 9011/9010				k SW-846, 8082														
				e SW-846, 8082				m SW-846, 8330														
				f SW-846, 8330				n SW-846, 8260B														
				g SW-846, 9060																		
RELINQUISHED BY:	Date/Time:	RECEIVED BY:	Date/Time:	1 Cool,4C		2 HCL, pH<2		3 HNO3, pH<2		4 NaOH, pH>12												
COMPANY NAME:		COMPANY NAME:																				

\* = EXPLOSIVE DETECTED  
IN FIELD LAB

COC NO.: LL1SNT - 2  
page 2 of 5

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: 0003				SOIL						WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait							
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1, PCBs e1 9/14/00 vjb	PCBs e1 vjb 9/14/00	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1			VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																					
LL10847	09-13-00	1600	SS	1	1																	3		
LL10810	9-13-00	1435	SS																			1		
LL10824	9-13-00	1410	SS																			1		
LL10843*	9-13-00	1445	SS																			3		
LL10844*	9-13-00	1410	SS																			3		
LL10845*	9-13-00	1350	SS																			1		
LL10817	9-13-00	1345	SS																			1		
LL10846*	9-13-00	1520	SS																			3		
LL11061	9-13-00	1450	sed																			2		
LL11062	9-13-00	0950	sed																			2		
LL11074	9-14-00	1305	Water															1	1	2	2	6		
LL11075	9-14-00	1050	Water															1	1	2	2	6		
LL11073	9-14-00	1520	Water															1	1	2	2	6		
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 9/15/00	RECEIVED BY: <i>AL Naidel</i>		Date/Time 9-15-00	TOTAL NUMBER OF Cooler ID: J333 J280 G77 053		Cooler Temperature: 4°C		FEDEX NUMBER: NA - Lourier Pickup														
COMPANY NAME: SATIC		1615	COMPANY NAME:		1615	SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060		WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B																
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	1 Cool,4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12																		
COMPANY NAME:		Date/Time	COMPANY NAME:		Date/Time																			
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																			
COMPANY NAME:		Date/Time	COMPANY NAME:		Date/Time																			

no asterisk  
91-H

NOTE: every PCB analysis request, should also get Pesticide analysis.

see please vjb 9/14/00



**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.	
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait	
PROJECT MANAGER: Steve Selecman 423-481-8761				<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>VOCs a1</p> <p>SVOCs b1</p> <p>PCBs - e1</p> <p>Explosives f1</p> <p>Propellants f1</p> <p>Metals c1, CN d1</p> <p>TOC g1</p> <p>Metals c1</p> </div> <div style="width: 15%;"> <p>VOCs n1,2</p> <p>SVOCs j1</p> <p>PCBs k1</p> <p>Metals - filtered i1,3</p> <p>Metals - total i1,3</p> <p>CN h1,4</p> <p>Explosives m1</p> <p>Propellants m1</p> <p>No. of Containers</p> </div> </div>														PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																
LL11058	9-14-00	1525	sed															2	
LL11060	9-14-00	1057	sed															2	
LL11059	9-14-00	1345	sed															2	
LL10948	9-14-00	1515	SS															1	
LL10944	9-14-00	1450	SS															3	
LL10950	9-14-00	1315	SS															3	
LL11008	9-14-00	0935	SS															1	
LL10852	9-14-00	1500	SS															1	
LL10849	9-14-00	0935	SS															1	
LL10851	9-14-00	1050	SS															1	
LL10832	9-14-00	0910	SS															1	
LL10949	9-14-00	1345	SS															1	
LL10946	9-14-00	1430	SS															1	
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 9-15-00	RECEIVED BY: <i>AL 21 audit</i>		Date/Time 9-15-00	TOTAL NUMBER OF <sup>see 503</sup> Cooler ID: J333 G77 053		Cooler Temperature: 4°C		FEDEX NUMBER: NA - Courier Pickup									
COMPANY NAME: SAIC		1615	COMPANY NAME:		1615														
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS									
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 60108/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B									
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool, 4C				2 HCL, pH < 2				3 HNO3, pH < 2		4 NaOH, pH > 12			
COMPANY NAME:			COMPANY NAME:																

H-17

RUN MS/MSD  
CANCEL!

\* = EXPLOSIVE DETECTED IN FIELD LAB

COC NO.: LL1SNT - 2

page 4 of 5

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1 <i>PCBs/Pest.</i>	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Urbn Brumbaugh</i>		(Printed Name) Vicki Brumbaugh																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL10829	9-14-00	0825	SS																			
LL10952	9-14-00	1335	SS																			
LL10850	9-14-00	1005	SS																			
LL10912	9-14-00	0910	SS	1	1																3	
LL10825	9-14-00	1017	SS																		1	
LL10913	9-14-00	1210	SS																		1	
LL10827	9-14-00	1110	SS																		1	
LL10828	9-14-00	1135	SS																		1	
LL10826	9-14-00	1045	SS																		1	
<del>LL11106</del>	<del>9-13-00</del>	<del>0932</del>	<del>SS</del>																		2	
LL10857*	9-13-00	0945	SS																		2	
LL10823*	9-13-00	0932	SS																		2	
LL10800	9-12-00	1230	SS																		2	
RELINQUISHED BY: <i>Urbn Brumbaugh</i>		Date/Time 9-15-00	RECEIVED BY: <i>Al Naidit</i>		Date/Time 9-15-00	TOTAL NUMBER OF <i>see p. 59</i>		Cooler Temperature: 4°C		Cooler ID: J333 G77 053		FEDEX NUMBER: NA-Courier Pickup										
COMPANY NAME: SAIC		1615	COMPANY NAME:		1615																	
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS												
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B				h SW-846, 9010												
						b SW-846, 8270C				i SW-846, 6010A/7470												
						c SW-846, 6010B/7471				j SW-846, 8270C												
						d SW-846, 9011/9010				k SW-846, 8082												
						e SW-846, 8082				m SW-846, 8330												
						f SW-846, 8330				n SW-846, 8260B												
						g SW-846, 9060																
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool, 4C		2 HCL, pH < 2		3 HNO3, pH < 2		4 NaOH, pH > 12										
COMPANY NAME:			COMPANY NAME:																			

81-H

DO NOT RUN EXP + PROP ANALYSIS ON THIS SAMPLE

\* COLLECTED 9/12!

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Lead Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	VOCs b1 <i>pesticides</i>	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs m1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL11977	9-13-00	0940	water																	2	1 vial frost broke/could only send 2	
LL11146	9-13-00	NA	water																	3	TRIP BLANK	
LL11072	9-15-00	0955	water													1	1			2	2	
LL11057	9-15-00	1041	sed.	1	1			1	1												4	
LL10847	9-13-00	1600	SS																		2	NON DETECT
LL10845	9-13-00	1350	SS																		2	RUM MS/MSD
LL10798	9-15-00	1125	SS							1											1	
LL10796	9-15-00	1055	SS							1											1	
				<i>9-15-00</i>																		
RELINQUISHED BY: <i>John Brumback</i>		Date/Time 9/15/00	RECEIVED BY: <i>Al Kaidit</i>		Date/Time 9-15-00	TOTAL NUMBER OF 13621		Cooler Temperature: 4°C														
COMPANY NAME: SAIC		1615	COMPANY NAME:		1615	Cooler ID: J33 G77 J280 053		FEDEX NUMBER: NA Courier Pickup														
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS												
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool, 4C				2 HCL, pH<2				3 HNO3, pH<2				4 NaOH, pH>12				
COMPANY NAME:			COMPANY NAME:																			

6-H

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1/PCBs/ Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) Vicki Brumback		(Printed Name) Vicki Brumback																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL1108	9-14-00	0935	SS																	2	CANCEL!	
LL10791	9-15-00	1405	SS																	1	RUN MS/MSD	
LL10920	9-15-00	1440	SS																	1		
LL10792	9-15-00	1310	SS																	1		
LL10788	9-15-00	1350	SS																	1		
LL11195	9-15-00	1515	SS																	5	NONDETECT	
LL11002	9-15-00	1125	SS																	1		
LL11007	9-15-00	1355	SS																	3		
LL10834	9-15-00	1050	SS																	1		
LL11004	9-15-00	1220	SS																	3		
LL11003	9-15-00	1200	SS																	1		
LL11005	9-15-00	1250	SS																	1		
LL11008	9-15-00	1422	SS																	1		
RELINQUISHED BY: Vicki Brumback		Date/Time 9-18-00	RECEIVED BY: D. Naidil	Date/Time 9-18-00	TOTAL NUMBER OF 22		Cooler ID: 199 749 J273 027		Cooler Temperature: 4°C		FEDEX NUMBER: NA - Courier pickup											
COMPANY NAME: SATC		Date/Time 1400	COMPANY NAME:	Date/Time 1400	SOIL/SEDIMENT METHODS		WATER METHODS															
RECEIVED BY:		Date/Time	RELINQUISHED BY:	Date/Time	a SW-846, 5035/8260B		h SW-846, 9010															
COMPANY NAME:		Date/Time	COMPANY NAME:	Date/Time	b SW-846, 8270C		i SW-846, 6010A/7470															
RELINQUISHED BY:		Date/Time	RECEIVED BY:	Date/Time	c SW-846, 6010B/7471		j SW-846, 8270C															
COMPANY NAME:		Date/Time	COMPANY NAME:	Date/Time	d SW-846, 9011/9010		k SW-846, 8082															
RELINQUISHED BY:		Date/Time	RECEIVED BY:	Date/Time	e SW-846, 8082		m SW-846, 8330															
COMPANY NAME:		Date/Time	COMPANY NAME:	Date/Time	f SW-846, 8330		n SW-846, 8260B															
RELINQUISHED BY:		Date/Time	RECEIVED BY:	Date/Time	g SW-846, 9060																	
COMPANY NAME:		Date/Time	COMPANY NAME:	Date/Time	1 Cool,4C		2 HCL, pH<2		3 HNO3, pH<2		4 NaOH, pH>12											

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
																				SOIL			
DELIVERY ORDER NUMBER: 0003				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait		
PROJECT MANAGER: Steve Selecman 423-481-8761																					PHONE NO: 330-497-9396		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
Sampler (Signature)		(Printed Name)																					
<i>Vicki Brumbach</i>		Vicki Brumbach																					
Sample ID	Date Collected	Time Collected	Matrix																				
✓ LL11009	9-15-00	1455	SS																				
✓ LL11007	9-15-00	1220	SS																				
✓ LL11006	9-15-00	1330	SS																				
✓ LL11016	9-16-00	1052	sed																				
LL11018	9-16-00	1148	sed																				
LL11019	9-16-00	1015	sed																				
H-21 LL11051	9-16-00	1808	sed																				
LL11053	9-16-00	1305	sed																				
LL11052	9-16-00	1628	sed																				
LL11034	9-16-00	1628	sed																				
LL10987	9-17-00	1210	SS																				
LL10991	9-17-00	1130	SS																				
LL10986	9-17-00	1155	SS																				
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 9-18-00	RECEIVED BY: <i>AL Zaidi</i>		Date/Time 9-18-00	TOTAL NUMBER OF <del>SW</del> P. 7 <i>29</i>		Cooler Temperature: <i>40C</i>															
COMPANY NAME: SAIC		1400	COMPANY NAME:		1100	Cooler ID: H99 J273 D27		FEDEX NUMBER: NA- Courier pickup															
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060							WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B										
COMPANY NAME:			COMPANY NAME:			1 Cool, 4C				2 HCL, pH < 2				3 HNO3, pH < 2				4 NaOH, pH > 12					
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																		
COMPANY NAME:			COMPANY NAME:																				

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS																	LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL									WATER								LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selectman 423-481-8761				VOCs a1	VOCs b1 / PCBs I Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	Exp/Prop f1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1			No. of Containers			
Sampler (Signature)		(Printed Name)		Sample ID	Date Collected	Time Collected	Matrix																		PHONE NO: 330-497-9396	
Vicki Brumbach		Vicki Brumbach																							OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
	LL11070	9-15-00	1530	water															1	1	2	2	6			
	LL11055	9-15-00	1415	sed.																				2		
	LL11056	9-15-00	1335	sed.																				1		
	LL11015	9-15-00	1635	sed.																				6	RUN MS/MSD	
	LL10849	9-14-00	0940	SS																				2		
	LL10826	9-14-00	1045	SS																				2		
	LL10832	9-14-00	0910	SS																				2		
	LL10852	9-14-00	1500	SS																				2		
	LL10850	9-14-00	1005	SS																				2		
	LL10851	9-14-00	1050	SS																				2		
	LL11061	9-13-00	1450	sed																				2	NOTE: 9/13 COLLECTION DATE PLEASE EXPEDITE	
	LL11207	9-16-00	1000	SS																				3		
	LL11206	9-16-00	1025	SS																				1	RUN MS/MSD	
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 9-18-00		RECEIVED BY: <i>al Naidix</i>		Date/Time 9-18-00		TOTAL NUMBER OF <sup>See p. 3</sup>		Cooler Temperature: 4°C																
COMPANY NAME: <b>SAIC</b>		1400		COMPANY NAME:		1400		Cooler ID: <b>J273 A99 D27</b>		FEDEX NUMBER: <b>NA- courier pickup</b>																
RECEIVED BY:		Date/Time		RELINQUISHED BY:		Date/Time		SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B														
COMPANY NAME:				COMPANY NAME:																						
RELINQUISHED BY:		Date/Time		RECEIVED BY:		Date/Time		1 Cool,4C				2 HCL, pH<2				3 HNO3, pH<2				4 NaOH, pH>12						
COMPANY NAME:				COMPANY NAME:																						

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Sewern Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1			VOCs m1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396
Sampler (Signature) <i>Uzlin Brumbaek</i>		(Printed Name) Vicki Brumbaek		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS																			
Sample ID	Date Collected	Time Collected	Matrix																				
LL112φ5	9-16-φφ	11φφ	SS																				
LL112φ4	9-16-φφ	1φ4φ	SS																				
LL112φ3	9-16-φφ	1135	SS																				
LL1φ794	9-16-φφ	115φ	SS																				
LL1φ799	9-16-φφ	1φ2φ	SS																				
LL1φ795	9-16-φφ	111φ	SS																				
LL1φ946	9-14-φφ	143φ	SS																				
LL1φ825	9-14-φφ	1φ17	SS	NON DETECT																			
LL1φ829	9-14-φφ	φ825	SS																				
LL1φ796	9-15-φφ	1φ55	SS	RUN MSIMS																			
LL1φ798	9-15-φφ	1125	SS																				
LL1φ828	9-14-φφ	1135	SS	NON DETECT																			
LL1φ989	9-16-φφ	1615	SS																				
RELINQUISHED BY: <i>Uzlin Brumbaek</i>	Date/Time 9-18-φφ	RECEIVED BY: <i>Al Kruidt</i>	Date/Time 9-18-φφ	TOTAL NUMBER OF SAMPLES 5 of 7		Cooler Temperature: 4°C																	
COMPANY NAME: SAIC	14φφ	COMPANY NAME:	1400	Cooler ID: H99 J273 027		FEDEX NUMBER: NA - Courier pickup																	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060								WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B											
COMPANY NAME:		COMPANY NAME:		1 Cool, 4C				2 HCL, pH < 2				3 HNO3, pH < 2				4 NaOH, pH > 12							
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time																				
COMPANY NAME:		COMPANY NAME:																					

H-23

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1 PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1			VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Uzlin Brumback</i>		(Printed Name) Vicki Brumback																				OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																				
LL10956	9-16-00	1510	SS																				
LL10988	9-16-00	1545	SS																				
LL10793	9-16-00	1410	SS																				
LL10954	9-16-00	1440	SS																				
LL10957	9-16-00	1410	SS																				
LL10959	9-16-00	1430	SS																				
LL11109	9-16-00	1545	SS																				
LL11199	9-16-00	1545	SS																				
LL11200	9-16-00	1445	SS																				
LL11201	9-16-00	1520	SS																				
LL11202	9-16-00	1350	SS																				
LL11111	9-16-00	1020	SS																				
LL11017	9-16-00	1118	sed																				
RELINQUISHED BY: <i>Uzlin Brumback</i>		Date/Time 9-18-00	RECEIVED BY: <i>Al Haidet</i>		Date/Time 9-18-00	TOTAL NUMBER OF 22		Cooler ID: J273		Cooler Temperature: 4°C		FEDEX NUMBER:		NA- courier pickup									
COMPANY NAME: SAIC		1400	COMPANY NAME:		1400	H99		D27															
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS					WATER METHODS												
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B					h SW-846, 9010												
						b SW-846, 8270C					i SW-846, 6010A/7470												
						c SW-846, 6010B/7471					j SW-846, 8270C												
						d SW-846, 9011/9010					k SW-846, 8082												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	e SW-846, 8082					m SW-846, 8330												
COMPANY NAME:			COMPANY NAME:			f SW-846, 8330					n SW-846, 8260B												
						g SW-846, 9060																	
						1 Cool, 4C		2 HCL, pH < 2		3 HNO3, pH < 2		4 NaOH, pH > 12											

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1/PCBs/pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature)		(Printed Name)																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL10994	9-17-00	1050	SS																		1	RUN MS/MSD
LL10893	9-17-00	1510	SS																			
LL11110	9-17-00	1510	SS																			3
LL11198	9-17-00	0915	SS																			1
LL10894	9-17-00	1435	SS																			1
LL11197	9-17-00	0945	SS																			1
LL10885	9-17-00	1200	SS																			1
LL10888	9-17-00	1345	SS																			1
LL10889	9-17-00	1115	SS																			1
LL10886	9-17-00	1140	SS																			3
LL10884	9-17-00	1045	SS																			3
LL10882	9-17-00	1410	SS																			3

H-25

RELINQUISHED BY: <i>Ueli Brumback</i>	Date/Time 9-18-00	RECEIVED BY: <i>Al Heidt</i>	Date/Time 8-18-00	TOTAL NUMBER OF Cooler ID: H99 J273 027	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1400	COMPANY NAME:	1400	FEDEX NUMBER: NA-Courier pickup	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060	WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B
COMPANY NAME:		COMPANY NAME:		1 Cool, 4C	2 HCL, pH<2
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	3 HNO3, pH<2	4 NaOH, pH>12
COMPANY NAME:		COMPANY NAME:			

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.						
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait						
PROJECT MANAGER: Steve Selectman 423-481-8761				VOCs a1	SVOCs b1/PCBs/pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1			VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																					
LL11φ48	9-17-φφ	1118	sediment																			2		
LL1φ979	9-17-φφ	1645	sediment																			2		
LL11φ49	9-17-φφ	1647	sediment																			2		
LL11φ54	9-17-φφ	16φφ	sediment																			2		
LL11φ5φ	9-17-φφ	142φ	sediment																			4		
LL1135	9-17-φφ	142φ	sediment																			6		
LL1φ99φ	9-17-φφ	145φ	SS																			1		
LL1φ983	9-17-φφ	162φ	SS																			1		
LL1φ984	9-17-φφ	16φφ	SS																			3		
LL1φ985	9-17-φφ	152φ	SS																			1	RUN MS/MSD	
				yjb				9/18/φφ																

H-26

RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 9-18-φφ	RECEIVED BY: <i>Al Kaidet</i>		Date/Time 9-18-00	TOTAL NUMBER OF 174	Cooler Temperature: 4°C
COMPANY NAME: SAIC		14φφ	COMPANY NAME:		1400	Cooler ID: H99 J273 027	FEDEX NUMBER: NA- Courier pickup
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS	
COMPANY NAME:			COMPANY NAME:			WATER METHODS	
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	a SW-846, 5035/8260B	
COMPANY NAME:			COMPANY NAME:			h SW-846, 9010	
						i SW-846, 6010A/7470	
						j SW-846, 8270C	
						k SW-846, 8082	
						m SW-846, 8330	
						n SW-846, 8260B	
						1 Cool,4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12	

\* = samples where field TNT/NDX lab measured into

COC NO.: LL1SNT - 4  
page 1 of 6

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1/PCBs/d Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1/CR+6	TOC g1	Metals c1 + Cr+6	VOCs n1,2	SVOCs j1	PCBs k1	Metals - fresh slides	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Udi Brumbach</i>		(Printed Name) Vicki Brumbach																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix	VOCs a1	SVOCs b1/PCBs/d Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1/CR+6	TOC g1	Metals c1 + Cr+6	VOCs n1,2	SVOCs j1	PCBs k1	Metals - fresh slides	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
LL1114φ	9-18-φφ	1φ2φ	water	3	2	2	2	2	2	2	2	3	2	2	2	1	1	2	2	15		
LL11φ71	9-18-φφ	1φ2φ	water	3	2	2	2	2	2	2	2	3	2	2	2	1	1	2	2	15		
LL11147	9-18-φφ	NA	water									2								2	Trip Blank	
LL11φ25*	9-18-φφ	1545	sediment	1	1				1											6	Note: hexavalent chromium analysis added to all metals requests in soils and sediment.	
LL11φ34*	9-18-φφ	1656	sediment	1	1				1											6		
LL11φ52	9-16-φφ	1628	Sediment																	2		
LL11199	9-16-φφ	1545	SS																	2		
LL11φ799	9-16-φφ	1φ2φ	SS																	2		
LL11φ791	9-15-φφ	14φ5	SS																	2	* 9/15 SAMPLE DATE: PLEASE EXPEDITE	
LL11φ788	9-15-φφ	135φ	SS																	2		
LL11φ792	9-15-φφ	131φ	SS																	2		
LL11φ834	9-15-φφ	1φ5φ	SS																	2		
LL11φ816*	9-19-φφ	φ945	sb soil																	3	RUN MS/MSD	
RELINQUISHED BY: <i>Udi Brumbach</i>		Date/Time 9-20-φφ	RECEIVED BY: <i>Al. Hinder</i>		Date/Time 9-20-00	TOTAL NUMBER OF <i>See p. 61 of 6</i>				Cooler Temperature: 4°C												
COMPANY NAME: SAIC		135φ	COMPANY NAME:		135φ	Cooler ID: J81φ J51 A53 H83 J118 J28φ				FEDEX NUMBER: NA Courier pickup												
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS												
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B				h SW-846, 9010												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	b SW-846, 8270C				i SW-846, 6010A/7470												
COMPANY NAME:			COMPANY NAME:			c SW-846, 6010B/7471				j SW-846, 8270C												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	d SW-846, 9011/9010				k SW-846, 8082												
COMPANY NAME:			COMPANY NAME:			e SW-846, 8082				m SW-846, 8330												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	f SW-846, 8330				n SW-846, 8260B												
COMPANY NAME:			COMPANY NAME:			g SW-846, 9060																
				1 Cool, 4C				2 HCL, pH < 2				3 HNO3, pH < 2				4 NaOH, pH > 12						

✓  
✓  
✓  
H-27

Note: hexavalent chromium analysis added to all metals requests in soils and sediment.

SS = surface soil  
Sbs = subsurface soil

61  
36  
97  
31  
128  
23  
151  
19  
178  
34  
204

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1 PCBs Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr+6	TOC g1	Metals c1 + Cr+6	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396		
Sampler (Signature)		(Printed Name)																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS		
Sample ID	Date Collected	Time Collected	Matrix																				
LL1 0814*	9-19-00	1002	sb soil																		3		
LL1 0804*	9-19-00	0935	sb soil																			3	
LL1 0801	9-19-00	0855	sb soil																			3	
LL1 0818	9-19-00	1025	sb soil																			1	
LL11113	9-19-00	1025	ss ✓																			3	
LL1 0874*	9-18-00	1140	SS	1	1																	5	
LL1 0881*	9-18-00	1540	SS																			3	
LL1 0982	9-18-00	1409	SS																			1	
LL1 0870*	9-18-00	1025	SS																			3	
LL1 0869*	9-18-00	1000	SS	1	1																	5	
LL1 0891*	9-18-00	0845	SS	1	1																	5	
LL1 0877	9-18-00	1115	SS																			1	
RELINQUISHED BY: <i>Ursin Brumback</i>		Date/Time: 9-20-00	RECEIVED BY: <i>Al Wridet</i>		Date/Time: 9-20-00	TOTAL NUMBER OF <i>See p. 66</i>				Cooler Temperature: 400													
COMPANY NAME: SAIC		1350	COMPANY NAME:		1350	Cooler ID: J810, J51, J118, 053, J280, H23				FEDEX NUMBER: NA- Courier pickup													
RECEIVED BY:		Date/Time:	RELINQUISHED BY:		Date/Time:	SOIL/SEDIMENT METHODS				WATER METHODS													
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B													
RELINQUISHED BY:		Date/Time:	RECEIVED BY:		Date/Time:	1 Cool, 4C				2 HCL, pH < 2				3 HNO3, pH < 2		4 NaOH, pH > 12							
COMPANY NAME:			COMPANY NAME:																				

H-28

sb soil = subsurface  
ss = surface soil

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.			
DELIVERY ORDER NUMBER: 0003				SOILs							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait			
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1 PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr t6	TOC g1	Metals c1 + Cr t6	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Ueli Brumbach</i>		(Printed Name) Vicki Brumbach																		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																		
LL10996	9-18-00	1305	SS																		
LL10878	9-18-00	1425	SS																		
LL11114	9-18-00	1040	SS																		
LL10865*	9-18-00	0920	SS																		
LL10872*	9-18-00	1040	SS																		
LL10873	9-18-00	1350	SS																		
LL10876*	9-18-00	1410	SS																		
LL10992*	9-18-00	1325	SS																	RUN MS/MSD	
LL10993*	9-18-00	1352	SS																		
LL10880*	9-18-00	1435	SS																		
LL10890*	9-18-00	0830	SS																		
LL10745	9-19-00	1405	SS	1	1																
LL10840	9-19-00	1010	sb soil																		

H-29

RELINQUISHED BY: <i>Ueli Brumbach</i>	Date/Time 9-20-00	RECEIVED BY: <i>al Haidet</i>	Date/Time 9-20-00	TOTAL NUMBER OF SA P-03 Cooler ID: J810 J51 J18	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1350	COMPANY NAME:	1350	Φ53 A831 J280	FEDEX NUMBER: NA - Courier pickup
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	SOIL/SEDIMENT METHODS	WATER METHODS
COMPANY NAME:		COMPANY NAME:		a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060	h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	1 Cool,4C	2 HCL, pH<2
COMPANY NAME:		COMPANY NAME:		3 HNO3, pH<2	4 NaOH, pH>12

sb soil = subsurface soil  
 sb = surface soil

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.						
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait						
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1/PCBs e1/Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr <sup>6+</sup>	TOC g1	Metals c1 + Cr <sup>6+</sup>			VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																					
LL10850	9-19-00	1050	Sb soil																				1	
✓ LL10835*	9-19-00	0954	Sb soil																				3	
✓ LL10838*	9-19-00	0900	Sb soil																				3	
LL11115	9-19-00	0900	Sb soil																				3	
LL11213	9-19-00	1240	Sb soil																				1 @ Station LL1-156	
LL11215	9-19-00	1325	Sb soil																				1 @ Station LL1-164	
LL11214	9-19-00	1310	Sb soil																				1 @ Station LL1-159	
LL10747	9-19-00	1440	SS																				1 RUN MS/MSD	
LL10744	9-19-00	1455	SS																				1	
✓ LL10809*	9-19-00	1315	Sb soil																				3	
✓ LL10789*	9-19-00	1343	Sb soil																				3	
LL10940	9-19-00	1600	SS																				1	
LL10939	9-19-00	1610	SS																				1	
RELINQUISHED BY: <i>Vicki Brumback</i>	Date/Time 9-20-00	RECEIVED BY: <i>al Poidt</i>	Date/Time 9-20-00	TOTAL NUMBER OF <i>see p. 60 of 623</i>										Cooler Temperature: 4°C										
COMPANY NAME: SAIC	1350	COMPANY NAME:	1350	Cooler ID: J810, J51, J118, K83, 053, J280										FEDEX NUMBER: NA- Courier pickup										
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	SOIL/SEDIMENT METHODS										WATER METHODS										
COMPANY NAME:		COMPANY NAME:		a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060										h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B										
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	1 Cool, 4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12																				
COMPANY NAME:		COMPANY NAME:																						

H-30

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW, North Canton, Ohio 44720, Attn: Becky Strait				
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	VOCs b1/PCBs/Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr+6	TOC g1	Metals c1 + Cr+6	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature)		(Printed Name)																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL1 2φ8	9-19-φφ	151φ	SbS																		1	@ Station LL-335 (1-3')
LL1 φ942	9-19-φφ	1545	SS	1	1																3	
LL1 φ4φ	9-19-φφ	1φ33	Sediment																		1	r
LL1 φ36	9-19-φφ	1527	Sediment																		1	
LL1 φ38	9-19-φφ	1447	Sediment																		1	
LL11 39	9-19-φφ	1φ33	Sediment																		3	
LL1 φ743	9-2φ-φφ	φ95φ	SS	1																	1	
LL1 φ98φ	9-2φ-φφ	φ819	Sediment							1	1										2	
<del>LL1 φ9 vjb</del>	<del>9/20/00</del>																					
LL1 φ743	9-2φ-φφ	φ95φ	SS	1																	2	
LL1 φ741	9-2φ-φφ	φ855	SS																		1	RUN MS/MSD
LL φ735	9-2φ-φφ	φ837	SS							1											1	probable mistake. 12/3/00 vjb What did lab do? bc by label of COC? was by 2 COC
LL1 φ932	9-2φ-φφ	1φ2φ	SS																		2	
RELINQUISHED BY: <i>Wzlin Brumbach</i>		Date/Time: 9-2φ-φφ	RECEIVED BY: <i>Al Naidit</i>		Date/Time: 9-20-00	TOTAL NUMBER OF <i>see p 6</i>				Cooler Temperature: 4°C												
COMPANY NAME: SAIC		135φ	COMPANY NAME:		1350	Cooler ID: J81φ, J51, J118, φ53, H83, J28φ				FEDEX NUMBER: NA - Courier pickup												
RECEIVED BY:		Date/Time:	RELINQUISHED BY:		Date/Time:	SOIL/SEDIMENT METHODS				WATER METHODS												
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B												
RELINQUISHED BY:		Date/Time:	RECEIVED BY:		Date/Time:	1 Cool, 4C				2 HCL, pH < 2				3 HNO3, pH < 2				4 NaOH, pH > 12				
COMPANY NAME:			COMPANY NAME:																			

H-31

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
				SOIL							WATER												
DELIVERY ORDER NUMBER: 0003				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1 + Cr Pb	Pesticides	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait	
PROJECT MANAGER: Steve Selecman 423-481-8761																						PHONE NO: 330-497-9396	
Sampler (Signature) <i>Udin Brumbach</i>		(Printed Name) Vicki Brumbach		Sample ID	Date Collected	Time Collected	Matrix																
LL1 931		9-20-00		0955		SS																	
LL1 933		9-20-00		1035		SS																	
LL1152		9-20-00		1145		Water																	
LL1150		9-20-00		1220		Water																	
<del>9/20/00</del>																							
RELIQUISHED BY: <i>Udin Brumbach</i>				RECEIVED BY: <i>al Haidit</i>				TOTAL NUMBER OF 204 31				Cooler Temperature: 4°C											
COMPANY NAME: SAIC				COMPANY NAME:				Cooler ID: J810 J51 J118				FEDEX NUMBER: NA- Courier pickup											
RECEIVED BY:				RELIQUISHED BY:				SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B											
COMPANY NAME:				COMPANY NAME:																			
RELIQUISHED BY:				RECEIVED BY:				1 Cool, 4C				2 HCL, pH<2											
COMPANY NAME:				COMPANY NAME:				3 HNO3, pH<2				4 NaOH, pH>12											

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\* all sample had detection  
 in TNT/ROX Field lab  
**CHAIN OF CUSTODY RECORD**

COC NO.: LL1SNT - 5  
 page 1 of 1

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selem:an 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) Vicki Brumback		(Printed Name) Vicki Brumback																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
✓ LL1 φ4φ*	9-19-φφ	1φ33	Sediment																		2	
✓ LL1 φ98φ*	9-2φ-φφ	φ819	"																		2	
✓ LL1 φ36φ*	9-19-φφ	1527	"																		2	
✓ LL1 φ38φ*	9-19-φφ	1447	"																		2	
<del>Y6 9-2φ-φφ</del>																						
RELINQUISHED BY: Vicki Brumback		Date/Time 9-2φ-φφ		RECEIVED BY: Jim J. Adams		Date/Time 9/2φ/φφ		TOTAL NUMBER OF 8		Cooler Temperature: 4°C		Cooler ID: J921		FEDEX NUMBER: NA-SAIC delivery								
COMPANY NAME: SAIC		16φφ		COMPANY NAME: SAIC		16φφ																
RECEIVED BY: Rebecca Strait		Date/Time 9/2φ/φφ		RELINQUISHED BY: Jim J. Adams		Date/Time 9/2φ/φφ		SOIL/SEDIMENT METHODS				WATER METHODS										
COMPANY NAME:		18:57		COMPANY NAME: SAIC		1858		a SW-846, 5035/8260B				h SW-846, 9010										
								b SW-846, 8270C				i SW-846, 6010A/7470										
								c SW-846, 6010B/7471				j SW-846, 8270C										
								d SW-846, 9011/9010				k SW-846, 8082										
								e SW-846, 8082				m SW-846, 8330										
								f SW-846, 8330				n SW-846, 8260B										
								g SW-846, 9060														
RELINQUISHED BY:		Date/Time		RECEIVED BY:		Date/Time		1 Cool,4C				2 HCL, pH<2		3 HNO3, pH<2		4 NaOH, pH>12						
COMPANY NAME:				COMPANY NAME:																		

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
				SOIL							WATER												
DELIVERY ORDER NUMBER: 0003				VOCs a1	SVOCs b1/PCBs/Pehticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr+6	TOC g1	Metals c1 + Cr+6	SVOCs	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait	
PROJECT MANAGER: Steve Selecman 423-481-8761																						PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach		Sample ID	Date Collected	Time Collected	Matrix																
LL1 φ 722	9-25-φφ	φ 945	SS																				
LL1 φ 723	9-25-φφ	1 φ 25	SS																				
LL1 φ 724	9-25-φφ	1 φ 5 φ	SS																				
LL1 φ 726	9-25-φφ	113 φ	SS																				
LL1 φ 727	9-25-φφ	1315	SS																				
LL1 φ 728	9-25-φφ	133 φ	SS	1	1																3		
LL1 φ 73 φ	9-25-φφ	14 φ φ	SS																				
LL1 φ 731	9-25-φφ	142 φ	SS																				
LL1 φ 732	9-25-φφ	1455	SS	1							1										3		
LL1 φ 734	9-25-φφ	1515	SS																				
LL1 1117	9-25-φφ	1 φ 5 φ	SS																			3	
LL1 φ 998	9-25-φφ	1425	SS																				
LL1 φ 997	9-25-φφ	14 φ φ	SS																				
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 9-26-	RECEIVED BY: <i>Al Naidit</i>		Date/Time 9-26-00	TOTAL NUMBER OF See p. 311 φ 3		Cooler Temperature: 4°C		Cooler ID: J28φ		FEDEX NUMBER:		NA - Courier pickup									
COMPANY NAME: SAIC		φ φ 153 φ	COMPANY NAME:		1530	J251 02?																	
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS													
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B				h SW-846, 9010													
						b SW-846, 8270C				i SW-846, 6010A/7470													
						c SW-846, 6010B/7471				j SW-846, 8270C													
						d SW-846, 9011/9010				k SW-846, 8082													
						e SW-846, 8082				m SW-846, 8330													
						f SW-846, 8330				n SW-846, 8260B													
						g SW-846, 9060																	
COMPANY NAME:			COMPANY NAME:			1 Cool,4C		2 HCL, pH<2		3 HNO3, pH<2		4 NaOH, pH>12											

H-34

NOTE: Because of some confusion in the field some extra jars were filled for sample LL1112φ. Therefore I am designating this ~~sample~~ sample for MS/MSD and sending the extra volume in case it is helpful. vjb

COC NO.: LL1SNT - 6

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.															
				SOIL							WATER																						
DELIVERY ORDER NUMBER: 0003				VOCs a1	SVOCs b1/PCBs/Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN dt + Cr t6	TOC g1	Metals c1 + Cr t6	extra jars for MS/MSD	VOCs n1,2	SVOCs j1	PCBs k1	Pesticides Metals - total i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait											
PROJECT MANAGER: Steve Selecman 423-481-8761																						PHONE NO: 330-497-9396		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS									
Sampler (Signature) <i>Ursula Brumbaugh</i>		(Printed Name) Vicki Brumbaugh		Sample ID		Date Collected	Time Collected	Matrix																									
LL1φ999		9-25-φφ	155φ	SS																													
LL1φ995		9-25-φφ	1623	SS																													
LL11φφφ		9-25-φφ	1425	SS																													
LL11φ31		9-25-φφ	165φ	sediment																													
LL11φ3φ		9-25-φφ	1044	sediment																													
LL11φ69		9-25-φφ	141φ	water	9/26/φφ																												
LL11φ5φ		9-17-φφ	142φ	sediment	vjb																												
LL1φ818		9-19-φφ	1φ25	SS																													
LL1φ753		9-26-φφ	1φφφ	SS	1 1																												
LL1112φ		9-26-φφ	1φφφ	SS	1 1																												
LL1φ936		9-26-φφ	φ825	SS	1 1																												
LL1φ934		9-26-φφ	φ8φ5	SS																													
LL1φ938		9-26-φφ	φ845	SS																													
RELINQUISHED BY: <i>Ursula Brumbaugh</i>		Date/Time 9-26-φφ	RECEIVED BY: <i>Al Vaidich</i>		Date/Time 9-26-00	TOTAL NUMBER OF see p.362 Cooler ID: J284 φ3		Cooler Temperature: 4°C																									
COMPANY NAME: SAIC		153φ	COMPANY NAME:		1530	J251 D2?		FEDEX NUMBER: NA - Courier pickup																									
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS							WATER METHODS																				
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B							h SW-846, 9010																				
						b SW-846, 8270C							i SW-846, 6010A/7470																				
						c SW-846, 6010B/7471							j SW-846, 8270C																				
						d SW-846, 9011/9010							k SW-846, 8082																				
						e SW-846, 8082							m SW-846, 8330																				
						f SW-846, 8330							n SW-846, 8260B																				
						g SW-846, 9060																											
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool,4C							2 HCL, pH<2							3 HNO3, pH<2							4 NaOH, pH>12						
COMPANY NAME:			COMPANY NAME:																														

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14  
10/1  
18  
79

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.																								
				SOIL							WATER																															
DELIVERY ORDER NUMBER: 0003				VOCs a1	SVOCs b1/PCBs/Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr <sup>6+</sup>	TOC g1	Metals c1 / Cr <sup>6+</sup>			VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait																			
PROJECT MANAGER: Steve Selecman 423-481-8761																							PHONE NO: 330-497-9396		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS																	
Sampler (Signature) <i>Udin Brumbach</i>		(Printed Name) Vicki Brumbach																																								
Sample ID	Date Collected	Time Collected	Matrix																																							
LL10748	9-26-00	1050	SS																																							
LL10751	9-26-00	0925	SS																																							
LL10750	9-26-00	0910	SS																																							
LL10752	9-26-00	0945	SS																																							
LL10981	9-26-00	0955	SS																																							
LL11112	9-26-00	0955	SS																																							
LL10790	9-26-00	0915	SS																																							
LL11001	9-26-00	0830	SS																																							
LL10893	9-17-00	1510	SS																																							
<del>Udin 9-26-00</del>																																										
RELINQUISHED BY: <i>Udin Brumbach</i>		Date/Time 9-26-00		RECEIVED BY: <i>al Naidet</i>		Date/Time 9-26-00		TOTAL NUMBER OF <i>99</i> <sup>18</sup>				Cooler Temperature: <i>4°C</i>																														
COMPANY NAME: SAIC		1530		COMPANY NAME:		1530		Cooler ID:				FEDEX NUMBER: <i>NA - Courier pickup</i>																														
RECEIVED BY:		Date/Time		RELINQUISHED BY:		Date/Time		SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B																														
COMPANY NAME:				COMPANY NAME:																																						
RELINQUISHED BY:		Date/Time		RECEIVED BY:		Date/Time		1 Cool, 4C				2 HCL, pH < 2		3 HNO3, pH < 2		4 NaOH, pH > 12																										
COMPANY NAME:				COMPANY NAME:																																						

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.								
DELIVERY ORDER NUMBER: 0003				<b>SOIL</b>							<b>WATER</b>							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait								
PROJECT MANAGER: Steve Seleckman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr 16	TOC g1	Metals c1   Cr 16					VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach																							OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																							
LL11119	9-26-00	1520	SS																					3		
LL10907	9-26-00	1520	SS																					1		
LL10762	9-26-00	1525	SS																					1		
LL10760	9-26-00	1450	SS																					1		
LL10918	9-26-00	1625	SS																					1		
LL10917	9-26-00	1555	SS																					1		
LL10761	9-26-00	1510	SS																					1	RUN MS/MSD	
LL10759	9-26-00	1420	SS																					1		
LL10758	9-26-00	1400	SS																					1		
LL10756	9-26-00	1325	SS																					1		
LL10757	9-26-00	1340	SS																					1		
LL10755	9-26-00	1255	SS																					1		
LL11148	9-25-00	1410	water												3									3	TRIP BLANK	
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 9-27-00	RECEIVED BY: <i>Al ...</i>		Date/Time 9-27-00	TOTAL NUMBER OF <i>39</i>		Cooler Temperature: 4°C																		
COMPANY NAME: SAIC		1400	COMPANY NAME:		1400	Cooler ID: J921 H78		FEDEX NUMBER: NA - Courier pickup																		
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS																
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B																
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool,4C				2 HCL, pH<2				3 HNO3, pH<2				4 NaOH, pH>12								
COMPANY NAME:			COMPANY NAME:																							

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr+6	TOC g1	Metals c1 + Cr+6	Metals	Metals + CN	VOCs m1,2	SVOCs j1	PCBs k1	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Uehli Brumbaugh</i>		(Printed Name) Vicki Brumbaugh																				OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																				
LL1 1069	9-25-00	1410	water										9									9	
LL1 1064	9-26-00	1235	water										3	2	2	2	1	1	2	2	15		
LL1 0737	9-26-00	1220	SS																			1	
LL1 1118	9-26-00	1330	SS																			3	
LL1 0740	9-26-00	1330	SS																			1	
LL1 0739	9-26-00	1305	SS																			1	
LL1 0738	9-26-00	1250	SS																			1	
LL1 1269	9-26-00	1615	sediment						1		1											2 @ Station LL1-395	
LL1 1270	9-26-00	1441	sediment						1		1											2 @ Station LL1-396	
LL1 1123	9-27-00	1105	SS																			3	
LL1 0926	9-27-00	1105	SS																			1	
LL1 0927	9-27-00	1145	SS																			1	
LL1 0930	9-27-00	0855	SS																			1	
RELINQUISHED BY: <i>Uehli Brumbaugh</i>		Date/Time 9-27-00	RECEIVED BY: <i>al Waidel</i>		Date/Time 9-27-00	TOTAL NUMBER OF see p. 3 of 3		41	Cooler Temperature: 4°C														
COMPANY NAME: SAC		1400	COMPANY NAME:		1400	Cooler ID: 5921 478		FEDEX NUMBER: NA - Courier pickup															
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS					WATER METHODS												
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060					h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																		
COMPANY NAME:			COMPANY NAME:			1 Cool,4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12																	

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1/PCBs/pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Cheri Brumbaugh</i>		(Printed Name) Vicki Brumbaugh																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL1 924	9-27-00	0950	SS																			
LL1 925	9-27-00	1025	SS																			
LL1 973	9-27-00	0955	SS																			
LL1 1104	9-27-00	1100	SS																		RUN MS/MSD	
LL1 774	9-27-00	1120	SS																			
LL1 972	9-27-00	0940	SS																			
LL1 773	9-27-00	1035	SS	1	1															3		
LL1 775	9-27-00	1135	SS																			
LL1 974	9-27-00	1015	SS																			
LL1 765	9-27-00	0850	SS																			
LL1 764	9-27-00	0840	SS																			
LL1 763	9-27-00	0815	SS																		14	
vjb 9-27-00																						

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RELINQUISHED BY: <i>Cheri Brumbaugh</i>	Date/Time 9-27-00	RECEIVED BY: <i>Al Haidt</i>	Date/Time 9-27-00	TOTAL NUMBER OF Cooler ID: 1400	5921 H70	Cooler Temperature: 9°C	FEDEX NUMBER: NA - Courier pickup
COMPANY NAME: SAIC	1400	COMPANY NAME:	COMPANY NAME:	SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060		WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	1 Cool, 4C    2 HCL, pH < 2    3 HNO3, pH < 2    4 NaOH, pH > 12			
COMPANY NAME:		COMPANY NAME:					
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time				
COMPANY NAME:		COMPANY NAME:					

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Lead Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Seleckman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr16	TOC g1	Metals c1 + Cr16	Metals + CN	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO.: 330-497-9396 Fax 330-497-0772	
Sampler (Signature) Uzeln Brumbach		(Printed Name) Vicki Brumbach																				OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																				
LL1 1136	9-27-00	1438	sediment																		4	Duplicate @ station LL1-394	
LL1 1274	9-27-00	1438	sediment																		2	Station LL1-394	
LL1 1273	9-27-00	1117	sediment																		4	Station LL1-393	
LL1 1271	9-27-00	1011	sediment																		2	Station LL1-391	
LL1 1272	9-27-00	1036	sediment																		2	Station LL1-392	
LL1 1269	9-26-00	1615	sediment																		2	Station LL1-395	
LL1 0740	9-26-00	1330	SS																		2		
LL1 1124	9-27-00	1645	SS																		3	RUN MS/MSD	
LL1 1125	9-27-00	1755	SS																		3		
LL1 0921	9-27-00	1645	SS																		1		
LL1 0919	9-27-00	1540	SS																		1		
LL1 0915	9-27-00	1725	SS																		1		
LL1 0908	9-27-00	1755	SS																		1		
RELINQUISHED BY: Uzeln Brumbach		Date/Time 9-29-00	RECEIVED BY: All Waidel		Date/Time 9-29-00	TOTAL NUMBER OF Cooler ID: 909		Cooler Temperature: 4°C															
COMPANY NAME: SAIC		1415	COMPANY NAME:		1415	G77: 5916		FEDEX NUMBER: NA - Courier pickup															
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS													
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B				h SW-846, 9010													
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	b SW-846, 8270C				i SW-846, 6010A/7470													
COMPANY NAME:			COMPANY NAME:			c SW-846, 6010B/7471				j SW-846, 8270C													
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	d SW-846, 9011/9010				k SW-846, 8082													
COMPANY NAME:			COMPANY NAME:			e SW-846, 8082				m SW-846, 8330													
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	f SW-846, 8330				n SW-846, 8260B													
COMPANY NAME:			COMPANY NAME:			g SW-846, 9060																	
1 Cool,4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12																							

H-40



**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.						
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait						
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	Metals + Cr T6	Metals /CN/ Cr T6	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																					
LL1 756	9-26-00	1325	SS																			2		
LL1 753	9-26-00	1400	SS																			2		
LL1 981	9-26-00	0955	SS																			2		
LL1 917	9-26-00	1555	SS																			2		
LL1 755	9-26-00	1255	SS																			2		
LL1 752	9-26-00	0945	SS																			2		
LL1 771	9-27-00	1630	SS																			3		
LL1 766	9-27-00	1430	SS																			3		
LL1 769	9-27-00	1510	SS																			3		
LL1 776	9-27-00	1325	SS																			1		
LL1 1116	9-27-00	1545	SS																			3		
LL1 777	9-27-00	1410	SS																			1		
LL1 779	9-27-00	1355	SS																			3		
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 9-29-00	RECEIVED BY: <i>Al Haidt</i>		Date/Time 9-29-00	TOTAL NUMBER OF See p. 9 Cooler ID: 99		Cooler Temperature: 4°C		FEDEX NUMBER: NA- Courier pickup														
COMPANY NAME: SAIC		1415	COMPANY NAME:		1415	G77 : J919																		
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS														
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B				h SW-846, 9010														
						b SW-846, 8270C				i SW-846, 6010A/7470														
						c SW-846, 6010B/7471				j SW-846, 8270C														
						d SW-846, 9011/9010				k SW-846, 8082														
						e SW-846, 8082				m SW-846, 8330														
						f SW-846, 8330				n SW-846, 8260B														
						g SW-846, 9060																		
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool, 4C		2 HCL, pH < 2		3 HNO3, pH < 2		4 NaOH, pH > 12												
COMPANY NAME:			COMPANY NAME:																					

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: 0003				<b>SOIL</b>						<b>WATER</b>							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait							
PROJECT MANAGER: Steve Seleckman 423-481-8761				VOCs a1	SVOCs b1 <i>(PCBs/Pesticides)</i>	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + CrTb	TOC g1	Metals c1	Metals + CrTb	Metals + CN	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
PROJECT MANAGER: Steve Seleckman 423-481-8761																							OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sampler (Signature) <i>Wahli Brumbaugh</i>		(Printed Name) Vicki Brumbaugh		Sample ID	Date Collected	Time Collected	Matrix																	
				LL1 0781	9-27-00	1530	SS																	
				LL1 0780	9-27-00	1455	SS																	
				LL1 0783	9-27-00	1655	SS	1	1															
				LL1 0782	9-27-00	1545	SS																	
				LL1 1121	9-27-00	1645	SS	1	1															
				LL1 1122	9-27-00	1410	SS														3 Dup of LL-0783			
				LL1 0928	9-27-00	1450	SS														3 Dup of LL-0777			
				LL1 0929	9-27-00	1350	SS														2 extra jar sent for MS/MSD			
				LL1 1212	9-28-00	1100	SS	1	1												3 Station LL-369			
				LL1 1256	9-28-00	1110	SS														1 Station LL-372			
				<del>LL1 1128</del>	<del>9-28-00</del>	<del>1015</del>	<del>SS</del>														<del>1 Station LL-367</del>			
				LL1 1257	9-28-00	0950	SS														1 Station LL-367			
				LL1 1220	9-28-00	1025	SS														1 Station LL-371			
RELINQUISHED BY: <i>Wahli Brumbaugh</i>		Date/Time 9-29-00		RECEIVED BY: <i>OP Waitt</i>		Date/Time 9-29-00		TOTAL NUMBER OF <i>See p. 91</i>				Cooler Temperature: 4°C												
COMPANY NAME: SAIC		1415		COMPANY NAME:		1415		Cooler ID: 99				FEDEX NUMBER: NA- Conner pickup												
RECEIVED BY:		Date/Time		RELINQUISHED BY:		Date/Time		SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B												
COMPANY NAME:		COMPANY NAME:		COMPANY NAME:		COMPANY NAME:																		
RELINQUISHED BY:		Date/Time		RECEIVED BY:		Date/Time		1 Cool, 4C				2 HCL, pH < 2												
COMPANY NAME:		COMPANY NAME:		COMPANY NAME:		COMPANY NAME:		3 HNO3, pH < 2				4 NaOH, pH > 12												

H-42

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selectman 423-481-8761				VOCs e1	SVOCs b1 / PCBs / Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered l1,3	Metals - total l1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Uzlin Brumbach</i>		(Printed Name) Vicki Brumbach																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL1126φ	9-28-φφ	1φφ5	Sediment	1	1															4	Station LL-398	
LL1φ787	9-28-φφ	φ915	SS																	1		
LL11258	9-28-φφ	1φ15	SS																	1	Station LL-368	
LL11276	9-28-φφ	1φ45	Sediment																	2	Station LL-397	
LL11219	9-28-φφ	φ955	SS																	1	Station LL-370	
LL1φ786	9-28-φφ	φ9φ5	SS																	1		
LL11275	9-28-φφ	φ925	Sediment																	2	Station LL-399	
LL1φ785	9-28-φφ	φ85φ	SS																	1		
LL11128	9-28-φφ	1φ15	SS																	3	Duplicate @ Station LL-368	
LL1φ784	9-28-φφ	φ835	SS																	1	Duplicate @ Station LL-368	
LL11236	9-28-φφ	144φ	SS																	1	Station LL-384	
LL11237	9-28-φφ	1525	SS																	1	Station LL-385	
LL11278	9-28-φφ	1525	SS																	3	Duplicate @ LL-385	
RELINQUISHED BY: <i>Uzlin Brumbach</i>		Date/Time 9-29-φφ	RECEIVED BY: <i>CO Noist</i>		Date/Time 9-29-φφ	TOTAL NUMBER OF see p. 9		Cooler Temperature: 4°C														
COMPANY NAME: SAIC		1415	COMPANY NAME:		1415	Cooler ID: 69		FEDEX NUMBER: NA - Courier pickup														
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS												
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B				h SW-846, 9010												
						b SW-846, 8270C				i SW-846, 6010A/7470												
						c SW-846, 6010B/7471				j SW-846, 8270C												
						d SW-846, 9011/9010				k SW-846, 8082												
						e SW-846, 8082				m SW-846, 8330												
						f SW-846, 8330				n SW-846, 8260B												
						g SW-846, 9060																
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool,4C				2 HCL, pH<2				3 HNO3, pH<2				4 NaOH, pH>12				
COMPANY NAME:			COMPANY NAME:																			

H-43

vjb  
12/81c

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Savern Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				<b>SOIL</b>						<b>WATER</b>							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCS b1/PCBs/Asbestos	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCS j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Urdin Brumback</i>		(Printed Name) Vicki Brumback																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL11277	9-28-00	1311	Sediment						1	1										2	Station LL-400	
LL11224	9-28-00	1710	SS																	1	Station LL-386	
LL11239	9-28-00	1635	SS																	1	Station LL-383	
LL11104	9-27-00	1100	S. soil																	2	RUN MS/MSD	
LL10924	9-27-00	0950	SS																	2		
LL10972	9-27-00	0940	SS																	2		
LL10930	9-27-00	0855	SS																	2		
LL10760	9-26-00	1450	SS																	2		
LL10773	9-27-00	1025	SS																	2		
LL11132	9-28-00	1755	SS																	3	Duplicate of <del>7777</del> @ 897	
LL10910	9-28-00	0945	SS																	1		
LL10906	9-28-00	1500	SS	1	1															3		
LL10897	9-28-00	1755	SS																	1		
RELINQUISHED BY: <i>Urdin Brumback</i>		Date/Time 9-29-00	RECEIVED BY: <i>Al Heidt</i>		Date/Time 9-29-00	TOTAL NUMBER OF <sup>See p. 93</sup> Cooler ID: G77 + J916		Cooler Temperature: 4°C		FEDEX NUMBER: NA - Courier pickup												
COMPANY NAME: SAIC		1415	COMPANY NAME:		1415																	
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS					WATER METHODS											
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B					h SW-846, 9010											
						b SW-846, 8270C					i SW-846, 6010A/7470											
						c SW-846, 6010B/7471					j SW-846, 8270C											
						d SW-846, 9011/9010					k SW-846, 8082											
						e SW-846, 8082					m SW-846, 8330											
						f SW-846, 8330					n SW-846, 8260B											
						g SW-846, 9060																
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool,4C		2 HCL, pH<2		3 HNO3, pH<2		4 NaOH, pH>12										
COMPANY NAME:			COMPANY NAME:																			

H-44

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Lead Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait							
PROJECT MANAGER: Steve Seleckman 423-481-8761				VOCs a1	SVOCs b1/PCBs/Resinadics	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1				VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																						OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																						
LL1126	9-28-00	1130	SS																			2	Duplicate of LL-0903		
LL1127	9-28-00	1345	SS																			3	Duplicate of LL-0905		
LL1126	9-28-00	1130	SS																			1			
LL10911	9-28-00	0900	SS																			1			
LL10903	9-28-00	1130	SS																			1	RUN MS/MSD		
LL10900	9-28-00	1635	SS																			1			
LL10902	9-28-00	1050	SS																			1			
LL10905	9-28-00	1345	SS																			1			
LL10901	9-28-00	1550	SS	1	1																	3			
LL10898	9-28-00	1715	SS																			1			
LL11254	9-28-00	1515	SS																			1	Station LL-377		
LL11234	9-28-00	1405	SS																			1	Station LL-110		
LL11211	9-28-00	1630	SS	1	1																	3	Station LL-382		
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 9-29-00	RECEIVED BY: <i>Al Haidit</i>		Date/Time 9-29-00	TOTAL NUMBER OF See p 20		Cooler Temperature: 4°C																	
COMPANY NAME: SAIC		1415	COMPANY NAME:		1415	Cooler ID: 69		FEDEX NUMBER:		NA - Courier pickup															
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS							WATER METHODS												
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060							h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool,4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12																			
COMPANY NAME:			COMPANY NAME:																						

H-45

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS																LABORATORY NAME: Severn Trent Laboratories, Inc.			
				SOIL								WATER								LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait			
DELIVERY ORDER NUMBER: 0003				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396		
PROJECT MANAGER: Steve Selecman 423-481-8761																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS		
Sampler (Signature)		(Printed Name)		Sample ID	Date Collected	Time Collected	Matrix																
<i>Vicki Brumback</i>		Vicki Brumback																					
H-46	LL11131	9-28-00	1430	SS																	3	Duplicate @ Station LL-375	
	LL11216	9-28-00	1730	sb Soil																	1	Station LL-087	
e	<del>LL10901</del>	<del>9-28-00</del>	<del>1550</del>	<del>SS</del>																		e 9/29/00 vjb	
e	<del>LL10906</del>	<del>9-28-00</del>	<del>1500</del>	<del>SS</del>																		e 9/29/00 vjb	
	LL11222	9-28-00	1610	SS																	1	RWN MS/MSD Station LL-380	
	LL11221	9-28-00	1600	SS																	1	Station LL-379	
	LL11218	9-28-00	1745	SS																	1	Station LL-401	
	LL11255	9-28-00	1500	SS																	1	Station LL-376	
	LL11223	9-28-00	1430	SS																	1	" LL-375	
	LL11253	9-28-00	1530	SS																	1	" LL-378	
	LL11252	9-28-00	1620	SS																	1	" LL-381	
	LL11235	9-28-00	1350	SS																	1	" LL-109	
	LL11238	9-29-00	1010	SS																	1	" LL-365	
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	TOTAL NUMBER OF		Cooler Temperature:															
<i>Vicki Brumback</i>		9-29-00	<i>Al Naidit</i>		9-29-00	See p. 913		40C															
COMPANY NAME:			COMPANY NAME:			Cooler ID:		FEDEX NUMBER:															
SAIC		1415	1415			G77 # J916		NA- Courier pickup															
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS													
						a SW-846, 5035/8260B				h SW-846, 9010													
COMPANY NAME:			COMPANY NAME:			b SW-846, 8270C				i SW-846, 6010A/7470													
						c SW-846, 6010B/7471				j SW-846, 8270C													
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	d SW-846, 9011/9010				k SW-846, 8082													
						e SW-846, 8082				m SW-846, 8330													
COMPANY NAME:			COMPANY NAME:			f SW-846, 8330				n SW-846, 8260B													
						g SW-846, 9060																	
						1 Cool, 4C				2 HCL, pH < 2				3 HNO3, pH < 2				4 NaOH, pH > 12					

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
				SOIL							WATER											
DELIVERY ORDER NUMBER: 0003				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1.2	SVOCs j1	PCBs k1	Metals - filtered i1.3	Metals - total i1.3	CN h1.4	Explosives m1	Propellants m1	No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait	
PROJECT MANAGER: Steve Selecman 423-481-8761																					PHONE NO: 330-497-9396	
Sampler (Signature) <i>Wicki Brumbach</i>		(Printed Name) Vicki Brumbach		Sample ID	Date Collected	Time Collected	Matrix															
LL11251		9-29-00	0850	SS	Station LL1-387																	
LL11225		9-29-00	0950	SS	" " 366																	
LL11240		9-29-00	1030	SS	" " 364																	
LL11250		9-29-00	0928	SS	" " 363																	
LL11242		9-29-00	1100	SS	" " 345																	
LL11243		9-29-00	1110	SS	" " 342																	
LL11130		9-29-00	1100	SS	3 Duplicate @ Station LL1-345																	
LL11244		9-29-00	0930	SS	Station LL1-336																	
LL11210		9-29-00	1130	SS	" " 346																	
LL11227		9-29-00	1005	SS	" " 338																	
LL10978		9-29-00	0910	SS																		
LL11226		9-29-00	0950	SS	Station LL1-337																	
LL10977		9-29-00	0855	SS																		
RELINQUISHED BY: <i>Wicki Brumbach</i>		Date/Time 9-29-00	RECEIVED BY: <i>AL Waidit</i>	Date/Time 9-29-00	TOTAL NUMBER OF Cooler ID: 677 : J916		Cooler Temperature: 4°C															
COMPANY NAME: SAIC		1415	COMPANY NAME:		1415		FEDEX NUMBER: NA- Courier pickup															
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time		SOIL/SEDIMENT METHODS		WATER METHODS													
COMPANY NAME:			COMPANY NAME:				a SW-846, 5035/8260B		h SW-846, 9010													
							b SW-846, 8270C		i SW-846, 6010A/7470													
							c SW-846, 6010B/7471		j SW-846, 8270C													
							d SW-846, 9011/9010		k SW-846, 8082													
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time		e SW-846, 8082		m SW-846, 8330													
COMPANY NAME:			COMPANY NAME:				f SW-846, 8330		n SW-846, 8260B													
							g SW-846, 9060															
							1 Cool,4C		2 HCL, pH<2													
							3 HNO3, pH<2		4 NaOH, pH>12													

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL						WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Uchri Brumbach</i>		(Printed Name) Vicki Brumbach																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL1 975	9-29-00	1415	SS																		1	
LL1 1241	9-29-00	1415	SS																		1	
<del>46 9-29-00</del>																						
RELINQUISHED BY: <i>Uchri Brumbach</i>		Date/Time 9-29-00	RECEIVED BY: <i>al Naidit</i>		Date/Time 9-29-00	TOTAL NUMBER OF 186 <sup>2</sup>		Cooler Temperature: 4°C														
COMPANY NAME: SAIC		1415	COMPANY NAME:		1415	Cooler ID: G77 : J916		FEDEX NUMBER: NA - Courier pickup														
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS												
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B				h SW-846, 9010												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	b SW-846, 8270C				i SW-846, 6010A/7470												
COMPANY NAME:			COMPANY NAME:			c SW-846, 6010B/7471				j SW-846, 8270C												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	d SW-846, 9011/9010				k SW-846, 8082												
COMPANY NAME:			COMPANY NAME:			e SW-846, 8082				m SW-846, 8330												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	f SW-846, 8330				n SW-846, 8260B												
COMPANY NAME:			COMPANY NAME:			g SW-846, 9060																
						1 Cool,4C		2 HCL, pH<2		3 HNO3, pH<2		4 NaOH, pH>12										

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: <b>Load Line 1 Phase 2 RI</b>				REQUESTED PARAMETERS												LABORATORY NAME: <b>Severn Trent Laboratories, Inc.</b>	
DELIVERY ORDER NO: <b>φφφ3</b>				Metals, CN												LABORATORY ADDRESS: <b>41φ Skuffel Drive NW North Canton, OH 44720 ATTN: BECKY STRAIT</b>	
PROJECT MANAGER: <b>Steve Setecman 423-481-8761</b>																PHONE NO: <b>330-497-9396</b> Fax: <b>330-497-φ772</b>	
Sampler (Signature) <b>Udri Brumback</b>		(Printed Name)														OBSERVATIONS, COMMENTS:	
Sample ID	Date Collected	Time Collected	Matrix													No. of Containers:	
LL11229	9-28-φφ	11φ5	SS													1	@ Station LL1-145 These fans were included in the 9/29/00 courier pickup; however, I failed to document the samples on the LLISNT-8 COC. Udri Brumback
LL1φ895	↓	1φφφ	SS													1	
LL1φ896	↓	φ9φ5	SS													1	
RELINQUISHED BY: <b>Udri Brumback</b>				Date/Time <b>9-29-φφ</b>	RECEIVED BY:				Date/Time	TOTAL NUMBER OF CONTAINERS: <b>3</b>				Cooler Temperature: <b>4°C</b>			
COMPANY NAME: <b>SAIC</b>				<b>1415</b>	COMPANY NAME:					Cooler ID: <b>G77 + J916</b>				FEDEX NUMBER: <b>NA - Courier pickup</b>			
RECEIVED BY:				Date/Time	RELINQUISHED BY:				Date/Time	Metals by SW-846, 6φ1φB/7471 Cool, 4°C  CN by SW-846, 9φ11/9φ1φ Cool, 4°C							
COMPANY NAME:					COMPANY NAME:												
RELINQUISHED BY:				Date/Time	RECEIVED BY:				Date/Time								
COMPANY NAME:					COMPANY NAME:												

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL						WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Udini Brumback</i>		(Printed Name) Vicki Brumback																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL11298	9-29-00	1350	SS																	3	Station LL11298	
LL11299	9-29-00	1400	SS																	1	" " 347	
LL11300	9-29-00	1415	SS																	3	" " 344	
LL11305	9-29-00	1540	SS																	1	" " 351	
LL11304	9-29-00	1530	SS																	1	" " 350	
LL11301	9-29-00	1450	SS																	1	" " 352	
LL11302	9-29-00	1445	SS																	3	" " 355	
LL11303	9-29-00	1515	SS																	3	" " 354	
LL11307	9-29-00	1458	SS																	3	" " 389	
LL11310	9-29-00	1625	SS																	1	" " 411	
LL11228	9-29-00	1345	SS																	1	" " 410	
LL11249	9-29-00	1410	SS	1	1															5	" " 409	
LL11306	9-29-00	1432	SS																	3	" " 388	
RELINQUISHED BY: <i>Udini Brumback</i>		Date/Time 10-2-00	RECEIVED BY: <i>Al Waidil</i>		Date/Time 10-2-00	TOTAL NUMBER OF <i>see pg 6</i>		Cooler Temperature: 4°C		Cooler ID: J5X J921 JX95 J810		FEDEX NUMBER: NA - Courier pickup										
COMPANY NAME: SAIC		1430	COMPANY NAME:		1430																	
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS		WATER METHODS														
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B		h SW-846, 9010														
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	b SW-846, 8270C		i SW-846, 6010A/7470														
COMPANY NAME:			COMPANY NAME:			c SW-846, 6010B/7471		j SW-846, 8270C														
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	d SW-846, 9011/9010		k SW-846, 8082														
COMPANY NAME:			COMPANY NAME:			e SW-846, 8082		m SW-846, 8330														
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	f SW-846, 8330		n SW-846, 8260B														
COMPANY NAME:			COMPANY NAME:			g SW-846, 9060																
						1 Cool,4C		2 HCL, pH<2		3 HNO3, pH<2		4 NaOH, pH>12										

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1		VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396
Sampler (Signature)		(Printed Name)		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS																		
Wileen Brumbaugh		Vicki Brumbaugh																				
Sample ID	Date Collected	Time Collected	Matrix																			
LL113φ8	9-29-φφ	1528	SS																		1	
LL113φ9	9-29-φφ	16φ5	SS																		1	
LL11231	9-29-φφ	183φ	Sbs																		1	
LL11133	9-29-φφ	172φ	Sbs																		3	
LL1123φ	9-29-φφ	14φφ	Sbs																		1	
LL11245	9-29-φφ	172φ	Sbs																		3	
LL1φ749	9-29-φφ	15φφ	Sbs																		1	
LL11232	7-3φφφ	1φφφ	Sbs																		1	
LL11247	9-3φ-φφ	1135	SS																		3	
LL11246	9-3φ-φφ	1φ4φ	SS																		3	
LL11279	9-3φ-φφ	1020	Sbs																		3	
LL11312	9.3φ-φφ	0930	SS																		1	
LL11233	9-30-φφ	102φ	Sbs																		3	
RELINQUISHED BY: Wileen Brumbaugh		Date/Time 10-200 1430	RECEIVED BY: AR 21 audit		Date/Time 90-200 1430	TOTAL NUMBER OF See p. 6 Cooler ID: J921 J5X J810 JX95				Cooler Temperature: 4°C				FEDEX NUMBER: NA- Courier pickup								
COMPANY NAME: SAC			COMPANY NAME:			SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B												
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	1 Cool, 4C				2 HCL, pH < 2				3 HNO3, pH < 2				4 NaOH, pH > 12				
COMPANY NAME:			COMPANY NAME:																			
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																	
COMPANY NAME:			COMPANY NAME:																			

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
																				SOIL			
DELIVERY ORDER NUMBER: 0003				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait		
PROJECT MANAGER: Steve Selecman 423-481-8761																					PHONE NO: 330-497-9396		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
Sampler (Signature) <i>Vicki Brumbaek</i>		(Printed Name) Vicki Brumbaek																					
Sample ID	Date Collected	Time Collected	Matrix																				
LL11129	10-9-55	9-30-00	SS																			3	Duplicate @ Station LL1-358
LL11313	9-30-00	0950	SS																			3	@ Station LL1-357
LL11311	9-30-00	0910	SS																			1	" " 353
LL11315	9-30-00	1030	SS																			1	" " 359
LL11251	9-29-00	0850	SS																			2	" " 387
LL11216	9-28-00	1730	SS																			2	
LL10777	9-27-00	1410	SS																			2	
LL10787	9-28-00	0915	SS																			2	
LL11260	9-28-00	1005	SS																			2	@ Station LL1-398
LL11316	9-30-00	1050	SS																			3	" " 360
LL11314	9-30-00	0955	SS																			1	" " 358
LL11220	9-28-00	1025	SS																			2	
LL11258	9-28-00	1015	SS																			2	
RELINQUISHED BY: <i>Vicki Brumbaek</i>		Date/Time 10-2-00	RECEIVED BY: <i>Al W. Smith</i>		Date/Time 10-2-00	TOTAL NUMBER OF See p.6 46		Cooler Temperature: 4°C															
COMPANY NAME: SAIC		1430	COMPANY NAME:		1430	Cooler ID: J921 J5X J810 JX95		FEDEX NUMBER: NA- Courier pickup															
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS													
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B													
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool,4C				2 HCL, pH<2				3 HNO3, pH<2				4 NaOH, pH>12					
COMPANY NAME:			COMPANY NAME:																				

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL						WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature)		(Printed Name)																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL1 0785	9-28-00	0850	Soil																	2		
LL1 1276	9-28-00	1045	Sediment Soil																	2		
LL1 0908	9-27-00	1755	Soil																	2		
LL1 1221	9-28-00	1600	Soil																	2		
LL1 0784	9-28-00	0835	Soil																	2		
LL1 1256	9-28-00	1110	Soil																	2		
LL1 0921	9-27-00	1645	Soil																	2		
LL1 0786	9-28-00	0905	Soil																	2		
LL1 1243	9-29-00	1110	Soil																	2		
LL1 1235	9-28-00	1350	Soil																	2		
LL1 1241	9-29-00	1015	Soil																	2		
LL1 0903	9-28-00	1130	Soil																	2		
LL1 0897	9-28-00	1755	Soil																	2		
RELINQUISHED BY: <i>Widri Brumback</i>		Date/Time 10-2-00	RECEIVED BY: <i>Al Waidet</i>		Date/Time 10-2-00	TOTAL NUMBER OF <i>See p. 6</i>		Cooler Temperature: 4°C														
COMPANY NAME: SAIC		1430	COMPANY NAME:		1430	Cooler ID: J921 JX95 J5X J810		FEDEX NUMBER: NA - Courier pickup														
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS		WATER METHODS														
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060		h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B														
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool, 4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12																
COMPANY NAME:			COMPANY NAME:																			

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12/8/00  
VJB

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait				
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL1237	9-28-00	1525	soil																		2	
LL10926	9-27-00	1105	soil																		2	
LL1323	9-30-00	1323	soil																		1	@ Station LL1-413
LL1322	9-30-00	1455	soil																		1	" " 374
LL1318	9-30-00	1320	soil																		1	" " 402
LL1321	9-30-00	1435	soil																		1	" " 373
LL1217	9-30-00	1530	soil																		1	" " 405
LL1319	9-30-00	1340	soil																		1	" " 403
LL1320	9-30-00	1350	soil																		1	" " 404
LL1249	10-1-00	1600	soil																		1	" " 406
LL1280	10-1-00	1534	soil																		3	Duplicate @ Station LL1-406
LL1325	10-1-00	1645	soil																		1	RUN MS/MSD Station LL1-408
LL1248	10-1-00	1534																			1	Station LL1-407
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 10-2-00	RECEIVED BY: <i>Al Haidet</i>		Date/Time 10-2-00	TOTAL NUMBER OF See p. 6 Cooler ID: J921 J5X JX95 J810		Cooler Temperature: 4°C		FEDEX NUMBER: NA- Courier pickup												
COMPANY NAME: SAIC		1430	COMPANY NAME:		1430	SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060		WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B														
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	1 Cool, 4C		2 HCL, pH < 2		3 HNO3, pH < 2		4 NaOH, pH > 12										
COMPANY NAME:			COMPANY NAME:																			
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																	
COMPANY NAME:			COMPANY NAME:																			

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait							
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1 / pesticides	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396				
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS				
Sample ID	Date Collected	Time Collected	Matrix																						
LL10757	9-26-00	1340	soil																		2	PLEASE EXPEDITE!			
LL11000	9-25-00	1425	soil																		2	11	11		
LL11031	9-25-00	1650	soil/sediment																		2	11	11		
LL10724	9-25-00	1050	soil																		2	11	11		
LL10723	9-25-00	1025	soil																		2	11	11		
LL11242	9-29-00	1100	soil																		2				
LL11078	10-1-00	1550	water											2	2	1				1	2	2	10		
LL11079	10-1-00	1547	water											2	2	1				1	2	2	10		
LL11090	10-2-00	1000	water											2	2	1				1	2	2	10		
				<i>yjh 10-2-00</i>																					

CS-11

RELINQUISHED BY: <i>Vicki Brumback</i>	Date/Time 10-2-00	RECEIVED BY: <i>Al Kaidit</i>	Date/Time 10-2-00	TOTAL NUMBER OF 165	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1430	COMPANY NAME:	1430	Cooler ID: J921 JX95 J810	FEDEX NUMBER: NA-Courier pickup
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	SOIL/SEDIMENT METHODS	
COMPANY NAME:		COMPANY NAME:		WATER METHODS	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	1 Cool, 4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12	
COMPANY NAME:		COMPANY NAME:			

- a SW-846, 5035/8260B
- b SW-846, 8270C
- c SW-846, 6010B/7471
- d SW-846, 9011/9010
- e SW-846, 8082
- f SW-846, 8330
- g SW-846, 9060
- h SW-846, 9010
- i SW-846, 6010A/7470
- j SW-846, 8270C
- k SW-846, 8082
- m SW-846, 8330
- n SW-846, 8260B

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL						WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs m1,2	SVOCs j1	PCBs k1/Pesticides	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL11002	10-2-00	1515	water									3	2	2	1			1	2	2	13	
LL11145	10-2-00	1515	water									3	2	2	1			1	2	2	13	
LL11317	10-2-00	1515	water									2									2	
LL11331	10-2-00	1059	soil																		1	
LL11332	10-2-00	1459	soil																		1	
LL11333	10-2-00	1424	soil																		3	
LL11281	10-2-00	1424	soil																		3	
LL11334	10-2-00	0951	soil																		1	
LL11335	10-2-00	0907	soil																		1	
LL11328	10-2-00	1027	soil																		3	
LL11326	10-2-00	1600	soil																		1	
LL11327	10-2-00	1533	soil																		1	
LL11329	10-2-00	1321	soil																		1	
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 10-4-00	RECEIVED BY: <i>James A. M... ..</i>		Date/Time 10/4/00	TOTAL NUMBER OF <i>see p. 5</i>				Cooler Temperature: 4°C												
COMPANY NAME: SAIC		1443	COMPANY NAME: SAIC		1443	Cooler ID: H 83, H99, G83, J953, J297, B175, J987				FEDEX NUMBER: NA Courier pickup												
RECEIVED BY: <i>Dee Waidit</i>		Date/Time 10-4-00	RELINQUISHED BY: <i>James A. M... ..</i>		Date/Time 10/4/00	SOIL/SEDIMENT METHODS				WATER METHODS												
COMPANY NAME: SAIC		1620	COMPANY NAME: SAIC		1620	a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060				h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool,4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12																
COMPANY NAME:			COMPANY NAME:																			

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait							
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1				VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach																						OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																						
LL11330	10-2-00	1339	soil																					@ Station LL1-348	
LL11344	10-3-00	1055	soil																					" " 119	
LL11343	10-3-00	1035	soil																					" " 237	
LL11293	10-3-00	0921	soil																					Duplicate @ Station LL1-241	
LL11294	10-3-00	0900	soil																					" " " LL1-242	
LL11340	10-3-00	0938	soil																					@ Station LL1-240	
LL11292	10-3-00	0833	soil																					Duplicate @ Station LL1-243	
LL11339	10-3-00	0921	soil																					@ Station LL1-241	
LL11341	10-3-00	1006	soil																					" " 239	
LL11337	10-3-00	0833	soil																					" " 243	
LL11345	10-3-00	1107	soil																					" " 118	
LL11338	10-3-00	0900	soil																					" " 242	
LL11342	10-3-00	1025	soil																					" " 238	
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 10-4-00	RECEIVED BY: <i>[Signature]</i>		Date/Time 10/4/00	TOTAL NUMBER OF Samples: 5 <sup>24</sup>				Cooler Temperature: 4°C															
COMPANY NAME: SAIC		1445	COMPANY NAME:		1445	Cooler ID: see p. 1 of 5				FEDEX NUMBER: NA - Courier pickup															
RECEIVED BY: <i>[Signature]</i>		Date/Time 10-4-00	RELINQUISHED BY: <i>[Signature]</i>		Date/Time 10/4/00	SOIL/SEDIMENT METHODS				WATER METHODS															
COMPANY NAME: SAIC		1620	COMPANY NAME: SAIC		1620	a SW-846, 5035/8260B				h SW-846, 9010															
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	b SW-846, 8270C				i SW-846, 6010A/7470															
COMPANY NAME:			COMPANY NAME:			c SW-846, 6010B/7471				j SW-846, 8270C															
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	d SW-846, 9011/9010				k SW-846, 8082															
COMPANY NAME:			COMPANY NAME:			e SW-846, 8082				m SW-846, 8330															
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	f SW-846, 8330				n SW-846, 8260B															
COMPANY NAME:			COMPANY NAME:			g SW-846, 9060																			
				1 Cool, 4C				2 HCL, pH < 2				3 HNO3, pH < 2				4 NaOH, pH > 12									

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.						
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait						
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1			VOCs n1,2	SVOCs j1	PCBs k1 / Pesticides	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																					
LL1336	10-3-00	0823	soil																				1 @ Station LL1-244	
LL1248	10-1-00	1534	soil																				2	
LL1314	9-30-00	0955	soil																				2	
LL1274	9-27-00	1438	soil																				2 PLEASE EXPEDITE	
LL1223	9-28-00	1430	soil																				2	
LL1249	10-1-00	1600	soil																				2	
LL11087	10-3-00	1030	water											3	2	2	1		1	2	2	13		
LL11089	10-3-00	1000	water											3	2	2	1		1	2	2	13		
LL1324	10	NA	water											3								3 TRIP BLANK		
LL1349	10-3-00	1544	soil																				1 @ Station LL1-416	
LL1346	10-3-00	1355	soil																				" " 418	
LL1347	10-3-00	1415	soil																				" " 417	
LL1348	10-3-00	1449	soil																				" " 419	
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 10/4/00	RECEIVED BY: <i>[Signature]</i>		Date/Time 10/4/00	TOTAL NUMBER OF see p. 1 of 5				Cooler Temperature: 4°C				Cooler ID: 95				FEDEX NUMBER: NA Corner puchyp						
COMPANY NAME: SAIC		1443	COMPANY NAME: SAIC		1443																			
RECEIVED BY: <i>[Signature]</i>		Date/Time 10-4-00	RELINQUISHED BY: <i>[Signature]</i>		Date/Time 10/4/00	SOIL/SEDIMENT METHODS				WATER METHODS														
COMPANY NAME: SAIC		1620	COMPANY NAME: SAIC		1620	a SW-846, 5035/8260B				h SW-846, 9010														
						b SW-846, 8270C				i SW-846, 6010A/7470														
						c SW-846, 6010B/7471				j SW-846, 8270C														
						d SW-846, 9011/9010				k SW-846, 8082														
						e SW-846, 8082				m SW-846, 8330														
						f SW-846, 8330				n SW-846, 8260B														
						g SW-846, 9060																		
COMPANY NAME:			COMPANY NAME:			1 Cool,4C				2 HCL, pH<2				3 HNO3, pH<2				4 NaOH, pH>12						

185-H

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait							
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1				VOCs n1,2	SVOCs j1	PCBs k1 Pesticides	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach																						OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																						
✓ LL11084	10-3-00	1350	water											3	2	2	1			1	2	2	13		
✓ LL11085	10-3-00	1550	water											3	2	2	1			1	2	2	13		
✓ LL11088	10-3-00	1640	water											3	2	2	1			1	2	2	13		
✓ LL11081	10-2-00	1425	water											3	2	2	1			1	2	2	13		
LL11083	10-4-00	0915	water											3	2	2	1			1	2	2	13		
LL11091	10-4-00	1020	water											3	2	2	1			1	2	2	13		
LL11086	10-4-00	1025	water											3	2	2	1			1	2	2	13		
LL11238	9-29-00	1010	soil				1	1															2		
LL11335	10-2-00	0907	soil				1	1															2		
LL11226	9-29-00	0950	soil				1	1															2		
LL11345	10-3-00	1107	soil				1	1															2		
LL11331	10-2-00	1059	soil				1	1															2		
LL11326	10-2-00	1600	soil				1	1															2		
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 10-4-00	RECEIVED BY: <i>[Signature]</i>		Date/Time 10/4/00	TOTAL NUMBER OF see p. 5 95		Cooler Temperature: 4°C		Cooler ID: See p. 1 of 5		FEDEX NUMBER: NA Courier pickup													
COMPANY NAME: SAIC		1443	COMPANY NAME: SAIC		1445	SOIL/SEDIMENT METHODS		WATER METHODS																	
RECEIVED BY: <i>[Signature]</i>		Date/Time 10-4-00	RELINQUISHED BY: <i>[Signature]</i>		Date/Time 10/4/00	a SW-846, 5035/8260B		h SW-846, 9010																	
COMPANY NAME: SAIC		1620	COMPANY NAME: SAIC		1620	b SW-846, 8270C		i SW-846, 6010A/7470																	
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	c SW-846, 6010B/7471		j SW-846, 8270C																	
COMPANY NAME:			COMPANY NAME:			d SW-846, 9011/9010		k SW-846, 8082																	
						e SW-846, 8082		m SW-846, 8330																	
						f SW-846, 8330		n SW-846, 8260B																	
						g SW-846, 9060																			
						1 Cool, 4C		2 HCL, pH<2																	
						3 HNO3, pH<2		4 NaOH, pH>12																	

65-H

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1		VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature)		(Printed Name)		Sample ID	Date Collected	Time Collected	Matrix															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
<i>Wileen Brumbach</i>		Vicki Brumbach		LL1340	10-3-00	0938	Soil																
				LL1329	10-2-00	1321	Soil																
				LL1332	10-2-00	1459	Soil																
				LL1224	9-28-00	1710	Soil																
				LL1342	10-3-00	1025	Soil																
				LL1318	9-30-00	1320	Soil																
				LL1347	10-3-00	1415	Soil																
				LL1323	9-30-00	1600	Soil																
				LL1312	9-30-00	0930	Soil																
<del>LL1320</del>				<del>Water</del>				<del>Water</del>				<del>Water</del>				<del>Water</del>				10-4-00			
<del>LL1315</del>				<del>Water</del>				<del>Water</del>				<del>Water</del>				<del>Water</del>				y/b			
<del>LL1310</del>				<del>Water</del>				<del>Water</del>				<del>Water</del>				<del>Water</del>							
<del>LL1305</del>				<del>Water</del>				<del>Water</del>				<del>Water</del>				<del>Water</del>							
<del>LL1300</del>				<del>Water</del>				<del>Water</del>				<del>Water</del>				<del>Water</del>							
RELINQUISHED BY: <i>Wileen Brumbach</i>		Date/Time 10-4-00		RECEIVED BY: <i>[Signature]</i>		Date/Time 10/4/00		TOTAL NUMBER OF				Cooler Temperature: 4°C											
COMPANY NAME: SAIC		1443		COMPANY NAME: SAIC		1443		Cooler ID: see p. 165				FEDEX NUMBER: NA-Courier pickup											
RECEIVED BY: <i>Al [Signature]</i>		Date/Time 10-4-00		RELINQUISHED BY: <i>[Signature]</i>		Date/Time 10/4/00		SOIL/SEDIMENT METHODS				WATER METHODS											
COMPANY NAME: 1620				COMPANY NAME: SAIC		1620		a SW-846, 5035/8260B				h SW-846, 9010											
								b SW-846, 8270C				i SW-846, 6010A/7470											
								c SW-846, 6010B/7471				j SW-846, 8270C											
								d SW-846, 9011/9010				k SW-846, 8082											
								e SW-846, 8082				m SW-846, 8330											
								f SW-846, 8330				n SW-846, 8260B											
								g SW-846, 9060															
RELINQUISHED BY:		Date/Time		RECEIVED BY:		Date/Time		1 Cool,4C				2 HCL, pH<2				3 HNO3, pH<2				4 NaOH, pH>12			
COMPANY NAME:				COMPANY NAME:																			

H-0

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Savern Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait							
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1				VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach																						OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																						
LL10994	10-23-00	1541	soil				1	1															2		
LL11197	↓	1458	↓				1	1															2		
LL10882	↓	1520	↓				1	1															2		
LL10888	↓	1530	↓				1	1															2		
LL10885	10-24-00	1402	soil				1	1															2		
LL10884	↓	1410	↓				1	1															2		
LL10876	↓	1420	↓				1	1															2		
				<del>56 10-25-00</del>																					
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 10-25-00	RECEIVED BY: <i>Al Härdot</i>		Date/Time 10-25-00	TOTAL NUMBER OF 14		Cooler Temperature: 4°C																	
COMPANY NAME: SAIC		1535	COMPANY NAME:		1535	Cooler ID: J912		FEDEX NUMBER: NA Courier pickup																	
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060							WATER METHODS h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B												
COMPANY NAME:			COMPANY NAME:			1 Cool,4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12																			
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																				
COMPANY NAME:			COMPANY NAME:																						

19-H

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: <b>Winklepeck Burning Grounds LOAD LINE 1</b>				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.						
DELIVERY ORDER NUMBER: <del>0908</del> 0003				SOIL						WATER							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait						
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs a1	SVOCs b1 / Pest/PCBs	Pesticides/PCBs e1	Explosives f1	Propellants f1	TAL Metals c1	CN d1	TAL Metals c1, CN d1	TOC	VOCs n1,2	SVOCs j1	Pesticides/PCBs k1	Metals filtered i1,3	Metals total i1,3	CN	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Udin Brumbach</i>		(Printed Name)																				OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																				
LL1 1142	11-6-00	1012	water										3	2	2	1	1	2	2	3			
LL1 1097	11-6-00	1012	water										3	2	2	1	1	2	2	3	LLI-323		
<del>LL1 1192</del>	<del>11-</del>																						
LL1 1096	11-6-00	1220	water										3	2	2	1	1	2	2	3			
LL1 1102	11-6-00	1229	sediment							1	1									2			
LL1 1103	11-6-00	1044	sediment	1	1		1	1		1	1		2	vjb						6	TRIP BLANK vjb		
LL1 1137	11-6-00	1044	sediment	1	1		1	1		1	1									6			
LL1 1400	11-6-00	—	water										2							2	TRIP BLANK		
LL1 1099	11-6-00	1619	sediment							1	1									2			
LL1 1100	11-6-00	1535	sediment							1	1									2			
LL1 1098	11-6-00	1721	sediment							1	1									2			
LL1 1101	11-6-00	1449	sediment							1	1									2			
LL1 1095	11-6-00	1443	water														1	1	2	2	6		
RELINQUISHED BY: <i>Udin Brumbach</i>		Date/Time 11-7-	RECEIVED BY: <i>Al Haidix</i>	Date/Time 11-7-00	TOTAL NUMBER OF <i>see p 2/2</i>		Cooler Temperature: <b>4°C</b>		Cooler ID:		FEDEX NUMBER: <b>NA - Courier pickup</b>												
COMPANY NAME: <b>SMC</b>		Date/Time <b>00 1500</b>	COMPANY NAME:		Date/Time <b>1525</b>		SOIL/SEDIMENT METHODS		WATER METHODS														
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time		a SW-846, 5035/8260B		h SW-846, 9010														
COMPANY NAME:			COMPANY NAME:				b SW-846, 8270C		i SW-846, 6010A/7470														
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time		c SW-846, 6010B/7471		j SW-846, 8270C														
COMPANY NAME:			COMPANY NAME:				d SW-846, 9011/9010		k SW-846, 8082														
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time		e SW-846, 8082		m SW-846, 8330														
COMPANY NAME:			COMPANY NAME:				f SW-846, 8330		n SW-846, 8260B														
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time		g SW-846, 9060		q EPA 350.2														
COMPANY NAME:			COMPANY NAME:				p EPA 350.2																
							1 Cool,4C		2 HCL, pH<2														
							3 HNO3, pH<2		4 NaOH, pH>12														
							5 H2SO4, pH<2																

vjb  
H-62

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Winklepeck Burning Grounds				REQUESTED PARAMETERS													LABORATORY NAME: GPL Laboratories					
DELIVERY ORDER NUMBER: CY08				SOIL						WATER							LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877					
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs a1	SVOCs b1	Pesticides/PCBs e1	Explosives f1	Propellants f1	TAL Metals c1	CN d1	TAL Metals c1, CN d1	TOC	VOCs n1,2	SVOCs j1	Pesticides/PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 301-926-6802
Sampler (Signature)		(Printed Name)		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS																		
<i>Udi Brumbach</i>		Vicki Brumbach																				
Sample ID	Date Collected	Time Collected	Matrix	VOCs a1	SVOCs b1	Pesticides/PCBs e1	Explosives f1	Propellants f1	TAL Metals c1	CN d1	TAL Metals c1, CN d1	TOC	VOCs n1,2	SVOCs j1	Pesticides/PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	
LL1092	11-6-00	1716	water														11	22	26			
LL1094	11-6-00	1525	water														11	22	26			
LL1093	11-6-00	1613	water														11	22	26			
LL1019	11-7-00	0950	sediment																			
				<i>Y/b 11-7-00</i>																		
RELINQUISHED BY: <i>Udi Brumbach</i>		Date/Time 11-7-00	RECEIVED BY: <i>[Signature]</i>	Date/Time 11-7-00	TOTAL NUMBER OF 87		Cooler Temperature: 40C															
COMPANY NAME: SAIC		1500	COMPANY NAME:	1525	Cooler ID:		FEDEX NUMBER: NA Courier pickup															
RECEIVED BY:		Date/Time	RELINQUISHED BY:	Date/Time	SOIL/SEDIMENT METHODS				WATER METHODS													
COMPANY NAME:			COMPANY NAME:		a	SW-846, 5035/8260B	h	SW-846, 9010														
RELINQUISHED BY:		Date/Time	RECEIVED BY:	Date/Time	b	SW-846, 8270C	i	SW-846, 6010A/7470														
COMPANY NAME:			COMPANY NAME:		c	SW-846, 6010B/7471	j	SW-846, 8270C														
RELINQUISHED BY:		Date/Time	RECEIVED BY:	Date/Time	d	SW-846, 9011/9010	k	SW-846, 8082														
COMPANY NAME:			COMPANY NAME:		e	SW-846, 8082	m	SW-846, 8330														
RELINQUISHED BY:		Date/Time	RECEIVED BY:	Date/Time	f	SW-846, 8330	n	SW-846, 8260B														
COMPANY NAME:			COMPANY NAME:		g	SW-846, 9060	p	EPA 350.2														
					1	Cool, 4C	2	HCL, pH < 2	3	HNO3, pH < 2	4	NaOH, pH > 12	5	H2SO4, pH < 2								

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: GPL Laboratories							
DELIVERY ORDER NUMBER: 0003				SOIL						WATER							LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877							
PROJECT MANAGER: Steve Selectman 423-481-8761				VOCs a1	SVOCs b1/PCBs/Residues	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr <sup>6+</sup>	TOC g1	Metals c1 + Cr <sup>6+</sup>	Metals	Metals + CN	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 301-926-6802	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) <i>Vicki Brumback</i>																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																					
LL11159	9-16-φφ	1545	SS																			2		
LL11164	9-18-φφ	1φ4φ	SS																			3	✓ ok cr <sup>6+</sup>	
LL11184	9-16-φφ	1628	sediment																			4	✓ just metals	
LL11159	9-16-φφ	1545	SS																			2	✓ just metals + CN	
LL11165	9-19-φφ	φ3φφ	SS																			3	✓ ok cr <sup>6+</sup>	
LL11163	9-19-φφ	1φ25	SS																			3	✓ ok cr <sup>6+</sup>	
LL11189	9-19-φφ	1φ33	sediment SS v/b																			2		
LL1116φ	9-17-φφ	151φ	SS																			3	✓ just metals	
LL1119φ	9-18-φφ	1φ2φ	water											3	2	2	2	1	1	2	2	15		
LL11147	9-18-φφ	NA	water											1								1	TRIP BLANK	
LL11157	9-15-φφ	122φ	SS																			3	NOTE: PLS EXPEDITE	
LL11185	9-17-φφ	142φ	sediment																			6		
LL11161	9-16-φφ	1φ2φ	SS																			3		
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 9-2φ-φφ	RECEIVED BY:		Date/Time	TOTAL NUMBER OF 5φ		Cooler Temperature: 4°C		Cooler ID: Unnumbered #42 and		FEDEX NUMBER: Airbill# 81φ254671442												
COMPANY NAME: SAIC		143φ	COMPANY NAME:																					
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS		WATER METHODS																
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060		h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B																
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool,4C 2 HCL, pH<2 3 HNO3, pH<2 4 NaOH, pH>12																		
COMPANY NAME:			COMPANY NAME:																					

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v/b 9/20/00

9/20/00 v/b

v/b 9/20/00

v/b 9/20/00

SS = surface soil



**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: GPL Laboratories						
DELIVERY ORDER NUMBER: 0003				SOIL							WATER							LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877						
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCs b1 / PCBs / Pesticides	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1 + Cr <sup>6+</sup>	TOC g1	Metals c1	Metals + CN	Metals + Cr <sup>6+</sup>	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 301-926-6802	
Sampler (Signature)		(Printed Name)																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																					
LL1 1170	9-26-00	1000	SS	1	1		1	1	1													5		
LL1 1162	9-26-00	0955	SS	1	1		1	1	1													5		
LL1 1169	9-26-00	1520	SS				1	1	1													3		
LL1 1186	9-27-00	1438	sediment				1	1	1													3	4 vjb 9/28/00	
LL1 1168	9-26-00	1330	SS				1	1	1													3		
LL1 1175	9-27-00	1755	SS				1	1	1													3		
LL1 1174	9-27-00	1645	SS				1	1	1													3		
LL1 1167	9-25-00	1050	SS				1	1	1													3		
LL1 1172	9-27-00	1410	SS				1	1	1													3		
LL1 1173	9-27-00	1105	SS				1	1	1													3		
LL1 1166	9-27-00	1545	SS				1	1	1													3		
LL1 1171	9-27-00	1645	SS	1	1		1	1	1													5		

59-H

e

RELINQUISHED BY: <i>Uchi Brumback</i>	Date/Time 9-28-00	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 43	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1700	COMPANY NAME:		Cooler ID: GPP-15	FEDEX NUMBER: 810 254 671306
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	SOIL/SEDIMENT METHODS	
COMPANY NAME:		COMPANY NAME:		WATER METHODS	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060 h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B	
COMPANY NAME:		COMPANY NAME:		1 Cool, 4C    2 HCL, pH < 2    3 HNO3, pH < 2    4 NaOH, pH > 12	

**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS																LABORATORY NAME: GPL Laboratories																																		
																				DELIVERY ORDER NUMBER: 0003		LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877																																
PROJECT MANAGER: Steve Selecman 423-481-8761 <i>12/8/00 vjb</i>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="8">SOIL</th> <th colspan="8">WATER</th> <th rowspan="2">No. of Containers</th> </tr> <tr> <th>VOCs a1</th><th>SVOCs b1</th><th>PCBs e1</th><th>Explosives f1</th><th>Propellants f1</th><th>Metals c1, CN d1</th><th>TOC g1</th><th>Metals c1</th> <th>VOCs n1,2</th><th>SVOCs j1</th><th>PCBs k1</th><th>Metals - filtered i1,3</th><th>Metals - total i1,3</th><th>CN h1,4</th><th>Explosives m1</th><th>Propellants m1</th> </tr> </table>																SOIL								WATER								No. of Containers	VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	PHONE NO: 301-926-6802	
																				SOIL								WATER									No. of Containers																	
VOCs a1	SVOCs b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1	VOCs n1,2	SVOCs j1	PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1																																							
Sampler (Signature) <i>Vicki Brumback</i>				(Printed Name) Vicki Brumback				OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS																																														
Sample ID				Date Collected		Time Collected																		Matrix																														
LLI 1285				9-28-00		1525		soil		PLEASE EXPEDITE!																																												
LLI 1181				9-28-00		1430		soil																																														
LLI 1287				10-1-00		1534		soil																																														
LLI 1177				9-28-00		1345		soil																																														
LLI 1176				9-28-00		1130		soil																																														
<del>LLI 1285</del>				<del>9-28-00</del>		<del>15</del>		<del>soil</del>																																														
LLI 1288				10-2-00		1424		soil																																														
LLI 1286				9-30-00		1020		soil																																														
LLI 1179				9-30-00		0955		soil																																														
LLI 1178				9-28-00		1015		soil																																														
LLI 1180				9-29-00		1100		soil																																														
LLI 1183				9-29-00		1720		soil																																														
LLI 1182				9-28-00		1755		soil																																														
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 10-3-00		RECEIVED BY:				Date/Time				TOTAL NUMBER OF <i>see p. 2 of 2</i> Cooler ID: <i>2 GPL unnumbered coolers</i>				Cooler Temperature: <i>4°C</i>																																						
COMPANY NAME: SAC		1700		COMPANY NAME:								FEDEX NUMBER: <i>Airbill # 810254671431</i>																																										
RECEIVED BY:		Date/Time		RELINQUISHED BY:				Date/Time				SOIL/SEDIMENT METHODS				WATER METHODS																																						
COMPANY NAME:				COMPANY NAME:								a SW-846, 5035/8260B				h SW-846, 9010																																						
												b SW-846, 8270C				i SW-846, 6010A/7470																																						
												c SW-846, 6010B/7471				j SW-846, 8270C																																						
												d SW-846, 9011/9010				k SW-846, 8082																																						
												e SW-846, 8082				m SW-846, 8330																																						
												f SW-846, 8330				n SW-846, 8260B																																						
												g SW-846, 9060																																										
												1, Cool, 4C				2 HCL, pH < 2																																						
												3 HNO3, pH < 2				4 NaOH, pH > 12																																						

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: GPL Laboratories							
DELIVERY ORDER NUMBER: 0003				SOIL						WATER							LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877							
PROJECT MANAGER: Steve Selecman 423-481-8761				VOCs a1	SVOCS b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1			VOCs n1,2	SVOCS j1	PCBs k1/Pesticides	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 301-926-6802	
Sampler (Signature)		(Printed Name)		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS																				
<i>Vicki Brumbaugh</i>		Vicki Brumbaugh																						
Sample ID	Date Collected	Time Collected	Matrix	VOCs a1	SVOCS b1	PCBs e1	Explosives f1	Propellants f1	Metals c1, CN d1	TOC g1	Metals c1			VOCs n1,2	SVOCS j1	PCBs k1/Pesticides	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers		
LL1 1317	10-2-00	1515	water											1									1	TRIP BLANK
LL1 119A8 <sup>800</sup>	10-2-00	1515	water											2	221				12			2	12	
LL1 1297 <sup>12/8/00</sup>	10-3-00	0900	soil				1	1						2		10/3/00			vjb				3	
LL1 1296	10-3-00	0921	soil				1	1															3	
LL1 1295	10-3-00	0833	soil				1	1															3	
				<i>vjb 10/3/00</i>																				
RELINQUISHED BY: <i>Vicki Brumbaugh</i>		Date/Time 10-3-00 1700	RECEIVED BY:		Date/Time	TOTAL NUMBER OF 58		Cooler Temperature: 4°C																
COMPANY NAME: SAIC			COMPANY NAME:			Cooler ID: 2 GPL unnumbered coolers		FEDEX NUMBER: Airbill # 810254671431																
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	SOIL/SEDIMENT METHODS			WATER METHODS															
COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B b SW-846, 8270C c SW-846, 6010B/7471 d SW-846, 9011/9010 e SW-846, 8082 f SW-846, 8330 g SW-846, 9060			h SW-846, 9010 i SW-846, 6010A/7470 j SW-846, 8270C k SW-846, 8082 m SW-846, 8330 n SW-846, 8260B															
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time	1 Cool,4C    2 HCL, pH<2    3 HNO3, pH<2    4 NaOH, pH>12																		
COMPANY NAME:			COMPANY NAME:																					

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: <del>Winktepeck Burning Grounds</del> <b>LOAD LINE 1 Phase 2 RI</b>				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: <del>CX08 0003</del>				<b>SOIL</b>							<b>WATER</b>							LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Becky Strait					
PROJECT MANAGER: <del>Kevin Jago 865-481-4614</del> <b>Steve Selecman 865-481-8761</b>				VOCs a1	SVOCs b1 / Pest/PCBs	Pesticides/PCBs e1	Explosives f1 + Propellants	Propellants f1	TAL Metals c1	CN d1	TAL Metals c1, CN d1	TOC	VOCs n1,2	SVOCs j1	Pesticides/PCBs k1	Metals - filtered i1,3	Metals - total i1,3	CN h1,4	Explosives m1	Propellants m1	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) (Printed Name) <b>Vicki</b> <i>Uzeli Brumbach Brumbach</i>																						OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																				
LL11187	11-6-00	1044	sediment	1	1	1															4		
LL11192	11-6-00	1012	water										3	22	11	22					13		
LL11400	11-6-00	-	water										1								1	TRIP BLANK	
<del>46 LL-7-00</del>																							
RELINQUISHED BY: <i>Uzeli Brumbach</i>		Date/Time 11/7/00	RECEIVED BY:			Date/Time			TOTAL NUMBER OF <b>18</b>				Cooler Temperature: <b>4°C</b>										
COMPANY NAME: <b>SAIC</b>		1700	COMPANY NAME:			COMPANY NAME:			Cooler ID: <b>SAIC unnumbered</b>				FEDEX NUMBER: <b>Airbill # : 822527889080</b>										
RECEIVED BY:		Date/Time	RELINQUISHED BY:			Date/Time			SOIL/SEDIMENT METHODS				WATER METHODS										
COMPANY NAME:			COMPANY NAME:			COMPANY NAME:			a SW-846, 5035/8260B				h SW-846, 9010										
RELINQUISHED BY:		Date/Time	RECEIVED BY:			Date/Time			b SW-846, 8270C				i SW-846, 6010A/7470										
COMPANY NAME:			COMPANY NAME:			COMPANY NAME:			c SW-846, 6010B/7471				j SW-846, 8270C										
RELINQUISHED BY:		Date/Time	RECEIVED BY:			Date/Time			d SW-846, 9011/9010				k SW-846, 8082										
COMPANY NAME:			COMPANY NAME:			COMPANY NAME:			e SW-846, 8082				m SW-846, 8330										
RELINQUISHED BY:		Date/Time	RECEIVED BY:			Date/Time			f SW-846, 8330				n SW-846, 8260B										
COMPANY NAME:			COMPANY NAME:			COMPANY NAME:			g SW-846, 9060				q EPA 350.2										
RELINQUISHED BY:		Date/Time	RECEIVED BY:			Date/Time			p EPA 350.2				1 Cool, 4C 2 HCL, pH < 2 3 HNO3, pH < 2 4 NaOH, pH > 12 5 H2SO4, pH < 2										
COMPANY NAME:			COMPANY NAME:			COMPANY NAME:																	

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Catlin Engineers							
DELIVERY ORDER NO: 0003																LABORATORY ADDRESS: 1051 Johnnie Dodds Blvd. Suite C Mt. Pleasant, SC 29464							
PROJECT MANAGER: Steve Selecman 423-481-8761																PHONE NO: 803-881-6000							
Sampler (Signature)		(Printed Name)														OBSERVATIONS, COMMENTS.							
Vicki Brumback		Vicki Brumback																					
Sample ID	Date Collected	Time Collected	Matrix	Grain Size	Moisture	Atterberg Limits	USCS Classification	Bulk Density	Porosity	Hydraulic Conductivity	Specific Gravity	pH										No. of Bottles/ Vials:	
LL10840	9-17-00	1010	sb. soil	✓	✓																		1
LL10936	9-26-00	0825	s. soil	✓	✓																		1
LL11104	9-27-00	1100	s. soil	✓	✓																		1
LL11272	9-27-00	1036	sediment	✓	✓																		1
LL11273	9-27-00	1117	sediment	✓	✓																		1
LL10764	9-27-00	0840	s. soil	✓	✓																		1
LL11270	9-26-00	1441	sediment	✓	✓																		1
LL10753	9-26-00	1000	s. soil	✓	✓																		1
LL10773	9-27-00	1035	s. soil	✓	✓																		1
LL10981	9-26-00	0955	s. soil	✓	✓																		1
LL10838	9-19-00	0900	sb. soil	✓	✓																		1
LL10734	9-25-00	1515	ss	✓	✓																		1
LL10980	9-20-00	0819	sediment	✓	✓																		1
RELINQUISHED BY: Vicki Brumback		Date/Time 9-28-00	RECEIVED BY:		Date/Time	TOTAL NUMBER OF CONTAINERS:		13		Cooler Temperature:		NA											
COMPANY NAME: SAIC		1700	COMPANY NAME:			Cooler ID: lined box		NA-		FEDEX NUMBER:		810254671317											
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time	sb= subsurface soil s= surface soil																	
COMPANY NAME:			COMPANY NAME:																				
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																		
COMPANY NAME:			COMPANY NAME:																				

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS															LABORATORY NAME: Catlin Engineers																								
DELIVERY ORDER NO: 0003				No. of Bottles/ Vials:	Grain Size	Moisture	Atterberg Limits	USCS Classification	Bulk Density	Porosity	Hydraulic Conductivity	Specific Gravity	pH										LABORATORY ADDRESS: 1051 Johnnie Dodds Blvd. Suite C Mt. Pleasant, SC 29464																				
PROJECT MANAGER: Steve Selecman 423-481-8761																							PHONE NO: 803-881-6000																				
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																					OBSERVATIONS, COMMENTS.																				
Sample ID	Date Collected	Time Collected	Matrix																																								
LL11053	9-16-00	1305 <sup>vib</sup>	sediment <del>soil</del>																				✓																			1	LL1-051
LL11277	9-28-00	1311	sediment																				✓																			1	77' Downstream of LL1-050
LL11054	9-17-00	1600	sediment																				✓																			1	LL1-070
LL11276	9-28-00	1045	sediment																				✓																			1	70' Downstream of LL1-109
LL11049	9-17-00	0947	sediment																				✓																			1	LL1-047
LL11275	9-28-00	0925	sediment																				✓																			1	Contingency btw 050 and 049
LL11015	9-15-00	1635	sediment																				✓																			1	LL1-077
LL11061	9-13-00	1450	sediment																				✓																			1	LL1-322
LL11057	9-15-00	1041	sediment																				✓																			1	LL1-318
LL11052	9-16-00	1628	sediment																				✓																			1	LL1-050
LL11051	9-16-00	1808	sediment																				✓																			1	LL1-049
LL11048	9-17-00	1118	sediment	✓																			1	LL1-046																			
LL11016	9-16-00	1052	sediment	✓																			1	LL1-286																			
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 10-18-00	RECEIVED BY:		Date/Time		TOTAL NUMBER OF CONTAINERS: <b>13</b>					Cooler Temperature:																															
COMPANY NAME: <b>SAIC</b>		1700	COMPANY NAME:		Cooler ID: Double-lined cardboard box		FEDEX NUMBER: Airbill #: 810254671383																																				
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time																																						
COMPANY NAME:			COMPANY NAME:																																								
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																																						
COMPANY NAME:			COMPANY NAME:																																								

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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Catlin Engineers					
DELIVERY ORDER NO: 0003																		LABORATORY ADDRESS: 1051 Johnnie Dodds Blvd. Suite C Mt. Pleasant, SC 29464					
PROJECT MANAGER: Steve Selecman 423-481-8761																		PHONE NO: 803-881-6000					
Sampler (Signature) <i>Urbini Brumbaugh</i>		(Printed Name) Vicki Brumbaugh																OBSERVATIONS, COMMENTS:					
Sample ID	Date Collected	Time Collected	Matrix	Grain Size	Moisture	Atterberg Limits	USCS Classification	Bulk Density	Porosity	Hydraulic Conductivity	Specific Gravity	pH									No. of Bottles/ Vials:		
LL11059	9-14-00	1345	sediment	✓																		1	LLI-320
LL11060	9-14-00	1057	Sediment	✓																		1	LLI-321
LL11058	9-14-00	1525	sediment	✓																		1	LLI-319
LL11050	9-17-00	1420	sediment	✓																		1	LLI-048
LL11274	9-27-00	1438	sediment	✓																		1	37' Downstream of LI-050
LL11017	9-16-00	1118	Sediment	✓																		1	LLI-287
LL11055	9-15-00	1415	sediment	✓																		1	LLI-060
LL11019	9-16-00	1015	sediment	✓																		1	LLI-289
LL10979	9-17-00	1645	sediment	✓																		1	LLI-252
LL11056	9-15-00	1335	sediment	✓																		1	LLI-061
LL11080	9-16-00	1148	sediment	✓																		1	LLI-288
LL11062	9-13-00	0955	sediment	✓																		1	LLI-323
LL11260	9-28-00	1005	sediment	✓																		1	NAI Contingency NE of CA-6
RELINQUISHED BY: <i>Urbini Brumbaugh</i>		Date/Time 10-18-00	RECEIVED BY:		Date/Time	TOTAL NUMBER OF CONTAINERS: See p 202														Cooler Temperature: NA			
COMPANY NAME: SAIC		1700	COMPANY NAME:			Cooler ID: double-lined cardboard box														FEDEX NUMBER: Airbill #: 8102546 71383			
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time																		
COMPANY NAME:			COMPANY NAME:																				
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																		
COMPANY NAME:			COMPANY NAME:																				

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1018  
12/3/00  
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**CHAIN OF CUSTODY RECORD**

PROJECT NAME: Lqad Line 1 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Catlin Engineers								
DELIVERY ORDER NO: 0003																LABORATORY ADDRESS: 1051 Johnnie Dodds Blvd. Suite C Mt. Pleasant, SC 29464								
PROJECT MANAGER: Steve Selecman 423-481-8761																PHONE NO: 803-881-6000								
Sampler (Signature) <i>Uchi Brumbal</i>		(Printed Name) Vicki Brumback		Grain Size	Moisture	Atterberg Limits	USCS Classification	Bulk Density	Porosity	Hydraulic Conductivity	Specific Gravity	pH									No. of Bottles/Vials:	OBSERVATIONS, COMMENTS,		
Sample ID	Date Collected	Time Collected	Matrix																					
LL11002	9-15-00	1125	s <sup>i</sup> soil			✓																	1	LLI-274
LL10800	9-12-00	1230	s <sup>i</sup> soil			✓																	1	LLI-001
LL11269	9-26-00	1615	sediment			✓																	1	Downstream of LLI-048
LL10862	9-13-00	0845	s <sup>i</sup> soil			✓																	1	LLI-160
<del>bb 10-18-00</del>																								
RELINQUISHED BY: <i>Uchi Brumbal</i>		Date/Time 10-18-00		RECEIVED BY:				Date/Time				TOTAL NUMBER OF CONTAINERS: 17				Cooler Temperature: NA								
COMPANY NAME: SAIC		1700		COMPANY NAME:								Cooler ID: double-lined cardboard box				FEDEX NUMBER: Airbill #: 810254671303								
RECEIVED BY:		Date/Time		RELINQUISHED BY:				Date/Time																
COMPANY NAME:				COMPANY NAME:																				
RELINQUISHED BY:		Date/Time		RECEIVED BY:				Date/Time																
COMPANY NAME:				COMPANY NAME:																				

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## CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 1 Phase II RI				REQUESTED PARAMETERS																LABORATORY NAME: Catlin Engineers				
DELIVERY ORDER NO: 0003				Grain Size	Moisture	Atterberg Limits	USCS Classification	Bulk Density	Porosity	Hydraulic Conductivity	Specific Gravity	pH									No. of Bottles/ Vials:	LABORATORY ADDRESS: 1051 Johnnie Dodds Blvd. Suite C Mt. Pleasant, SC 29464		
PROJECT MANAGER: Steve Selecman 423-481-8761																						PHONE NO: 803-881-6000		
SAMPLER (Signature) <i>Vicki Brumbach</i>																						OBSERVATIONS, COMMENTS.		
Sample ID	Date Collected	Time Collected	Matrix																					
LL10722	9-25-00	0945	Surface Soil			✓																	1	LLI-086
LL10895	9-20-00	1000	Surface Soil			✓																	1	LLI-188
LL10853	9-12-00	1040	Surface Soil			✓																	1	LLI-163
LL10893	9-17-00	1510	Surface Soil			✓																	1	LLI-186
LL10834	9-15-00	1050	Surface Soil			✓																	1	LLI-013
LL10882	9-17-00	1410	Surface Soil			✓																	1	LLI-027
LL10872	9-18-00	1040	Surface Soil			✓	✓																1	LLI-171
LL10912	9-14-00	0910	Surface Soil			✓	✓																1	LLI-202
LL10804	9-19-00	0935	Subsurface Soil			✓	✓																1	LLI-002
LL11229	9-18-00	1105	Subsurface Soil			✓	✓																1	LLI-145
LL10950	9-14-00	1315	Surface Soil			✓	✓																1	LLI-231
LL10984	9-17-00	1600	Surface Soil			✓	✓																1	LLI-256
LL10942	9-19-00	1545	Surface Soil			✓	✓																1	LLI-226
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 10-18-00	RECEIVED BY:				Date/Time				TOTAL NUMBER OF CONTAINERS: 13					Cooler Temperature: NA								
COMPANY NAME: SAIC		1700	COMPANY NAME:				Date/Time				Cooler ID: double-lined cardboard box					FEDEX NUMBER: Airbill # 810254671383								
RECEIVED BY:		Date/Time	RELINQUISHED BY:				Date/Time																	
COMPANY NAME:		Date/Time	COMPANY NAME:				Date/Time																	
RELINQUISHED BY:		Date/Time	RECEIVED BY:				Date/Time																	
COMPANY NAME:		Date/Time	COMPANY NAME:				Date/Time																	

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**CHAIN OF CUSTODY RECORD**

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COC NO.: CE-5  
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PROJECT NAME: <b>LOAD LINE I PHASE II R1</b>				REQUESTED PARAMETERS										LABORATORY NAME: <b>Catlin Engineers</b>	
DELIVERY ORDER NO: <b>0003</b>				<b>GRAIN SIZE</b>										LABORATORY ADDRESS: <b>1051 Johnnie Dadds Blvd, Suite C Mt Pleasant, SC 29464</b>	
PROJECT MANAGER: <b>Steve Selecman 865-481-8761</b>														PHONE NO: <b>803-881-6000</b>	
Sampler (Signature) <b>Vicki Brumback</b>		(Printed Name) <b>Vicki Brumback</b>												OBSERVATIONS, COMMENTS.	
Sample ID	Date Collected	Time Collected	Matrix											No. of Containers:	
LL11099	11-6-00	1619	sediment											1	
LL11101	11-6-00	1449	sediment											1	
LL11098	11-6-00	1721	sediment											1	
LL11103	11-6-00	1044	sediment											1	
LL11102	11-6-00	1229	sediment											1	
LL11100	11-6-00	1535	sediment											1	
<del>46 11-7-00</del>															
RELINQUISHED BY: <b>Vicki Brumback</b>		Date/Time <b>11-7-00</b>		RECEIVED BY:		Date/Time		TOTAL NUMBER OF CONTAINERS: <b>6</b>				Cooler Temperature:			
COMPANY NAME: <b>SAIC</b>		<b>1700</b>		COMPANY NAME:		Cooler ID: <b>lined cardboard box</b>		FEDEX NUMBER: <b>Airbill # 822527889058</b>							
RECEIVED BY:		Date/Time		RELINQUISHED BY:		Date/Time									
COMPANY NAME:				COMPANY NAME:											
RELINQUISHED BY:		Date/Time		RECEIVED BY:		Date/Time									
COMPANY NAME:				COMPANY NAME:											

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