Appendix A

May 2005 Reconnaissance Sampling
Laboratory Reporting Forms

TECHNICAL MEMORANDUM

May 16, 2005

To: Paul Sklar
URS Corporation

From: Christopher Sauer CPS
ECCS

Re: Polynuclear Aromatic Hydrocarbon (PAH) Field Analytical Methods
Ashland/NSP Lakefront Superfund Site
Ashland, WI

Introduction

This Technical Memorandum provides documentation of the field analytical test methods used to analyze sediment samples collected from May10 to May 13, 2005 during the investigation of sediments adjacent to the Ashland/NSP Superfund Site in Chequamegon Bay of Lake Superior. The samples were analyzed for the PAHs- acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, benzo(a)pyrene, benzo(e)pyrene, dibenz(ah)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, 1-methylnaphthalene, 2-methylnaphthalene, phenanthrene and pyrene. These PAHs were measured with high-resolution gas chromatography (GC) using a mass selective detector (MSD). The MSD provides for selective detection of the PAHs by extracting specific target ions for quantitation from the total ion chromatogram.

Narrative

Soils

The soil samples analyzed for PAHs were subjected to a 1:2, grams of soil:mls of solvent extraction. 0.8 ml of the soil extract was aliquoted for analysis by the GC/MSD method. A report limit of 0.2 mg/kg (ppm) was used for the sediment samples. Test results are listed in Table 1. The test results for sediments are reported on a "dry-weight" basis. The percent solids and percent recovery of the surrogate standard, p-terphenyl-d14 is included for each sample.

PAH Method Summary

Soil Extraction

Sediment samples were provided by the client to the field lab. Five grams of sediment was transferred to a tared glass 20-ml scintillation vial and 10 grams of anhydrous sodium sulfate was added. Two and a half grams of sediment was used for very wet samples. The sediment was thoroughly mixed with the sodium sulfate and allowed to dry (usually ½ hour). 50 ul of a 2,000 ug/ml surrogate standard solution was added to the dried sediment. 25 ul of a 2000 ug/ml stock PAH standard was added to laboratory control samples (LCS) and matrix spike samples (MS/MSD). Ten mls of 90:10, dichloromethane:acetone solvent was measured into the extraction vial. The vial was shaken for 2 minutes, allowed to sit for 10 minutes, shaken again for 30 seconds, and allowed to settle. Some samples contained significant amounts of floating fibrous material and required filtration through a Whatman 0.45 um PTFE filter disk. 20 ul of a 750 ug/ml internal standard solution was added to the GC vial with a micro-syringe then 0.80 ml of the sediment extract was transferred to the GC vial with an Eppendorf pipette. The sample was loaded unto an autosampler for GC/MSD analysis.

GC/MSD Procedure:

Identification of target compounds was done by matching retention times and mass spectra of peaks found in samples to those found in a PAH calibration standard using the internal standards as time reference peaks. The internal standards for the MSD were acenaphthene-d10, chrysene-d12, and perylene-d12. The surrogate standard was p-terphenyl-d14. Quantitation was performed by the internal standard technique using a seven point standard curve generated from 0.10, 0.25, 0.50, 1.0, 5.0, 10, and 25 ug/ml standards. These levels equate to 0.20, 0.50, 1.0, 2.0, 10, and 20, and 50 mg/kg for soil samples.

A Hewlett-Packard 5890 gas chromatograph with a 30m x 0.32mm, DB-5ms capillary column interfaced to a Hewlett-Packard 5972 MSD was used. 1ul of the PAH standard or soil extract was injected into the GC/MSD operated in the splitless mode. The data system included a Hewlett-Packard Enviroquant chromatography workstation for data handling.

Quality control consisted of the following items:

- Initial calibration of GC/MSD with seven levels of calibration standard
- Continuing Calibration Verification standards analyzed at a frequency of every ten samples
- Surrogate standard addition to all samples
- Blank sample analysis
- Matrix spike and Matrix Spike Duplicate sample analysis
- Statistical Method Detection Limit Study of 8 Replicates
- Information documented in Field Logbook 67, pp 131-135.

A quality control summary of matrix spikes and matrix spike duplicates, laboratory control samples, and blank samples is included in Table 2. A summary of the method detection limit study is provided in Table 3.

TABLE 1
Ashland/NSP Lakefront Superfund Site
Soil Samples

Sample Description

PAHs	Reporting Limit mg/kg	NSP-SE-1-2A-0505	NSP-SE-1-4A-0505	NSP-SE-1-5A-0505	NSP-SE-1-5C-0505	NSP-SE-1-6A-0505	NSP-SE-1-7B-0505	NSP-SE-1-8B-0505	NSP-SE-1-9A-0505	NSP-SE-1-10C-0505	NSP-SE-2-2A-0505	NSP-SE-2-1A-0505
Naphthalene	0.2	< 0.25	< 0.25	**1.0**	**1.3**	< 0.69	< 0.63	< 0.65	< 0.63	**1.5**	< 0.28	< 0.26
1-MethylNaphthalene	0.2	< 0.25	< 0.25	**1.0**	**1.1**	< 0.69	< 0.63	< 0.65	< 0.63	**1.2**	< 0.28	< 0.26
2-MethylNaphthalene	0.2	< 0.25	< 0.25	< 0.52	**0.53**	< 0.69	< 0.63	< 0.65	< 0.63	**0.62**	< 0.28	< 0.26
Acenaphthylene	0.2	< 0.25	< 0.25	**1.9**	**2.3**	< 0.69	< 0.63	< 0.65	< 0.63	**3.0**	< 0.28	< 0.26
Acenaphthene	0.2	< 0.25	< 0.25	**0.81**	**0.66**	< 0.69	< 0.63	< 0.65	< 0.63	**0.93**	< 0.28	< 0.26
Fluorene	0.2	< 0.25	< 0.25	**0.68**	**0.60**	< 0.69	< 0.63	< 0.65	< 0.63	**0.79**	< 0.28	< 0.26
Phenanthrene	0.2	< 0.25	< 0.25	**2.1**	**2.4**	< 0.69	< 0.63	< 0.65	**0.95**	**2.6**	< 0.28	< 0.26
Anthracene	0.2	< 0.25	< 0.25	**1.4**	**1.3**	< 0.69	< 0.63	< 0.65	< 0.63	**1.7**	< 0.28	< 0.26
Fluoranthene	0.2	< 0.25	< 0.25	**3.6**	**3.5**	< 0.69	< 0.63	**0.88**	**1.1**	**3.7**	< 0.28	< 0.26
Pyrene	0.2	< 0.25	< 0.25	**6.1**	**5.5**	**1.1**	**0.63**	**1.4**	**1.2**	**6.2**	< 0.28	< 0.26
Benzo(a)anthracene	0.2	< 0.25	< 0.25	**4.5**	**4.5**	**0.79**	< 0.63	**0.78**	**0.70**	**4.7**	< 0.28	< 0.26
Chrysene	0.2	< 0.25	**0.27**	**4.2**	**4.5**	**1.3**	**1.0**	< 0.65	**0.79**	**5.1**	< 0.28	< 0.26
Benzo(b)fluoranthene	0.2	< 0.25	< 0.25	**3.3**	**3.8**	< 0.69	< 0.63	**0.65**	**0.73**	**4.3**	< 0.28	< 0.26
Benzo(k)fluoranthene	0.2	< 0.25	< 0.25	**4.0**	**4.1**	< 0.69	< 0.63	< 0.65	**0.70**	**3.9**	< 0.28	< 0.26
Benzo(e)pyrene	0.2	< 0.25	< 0.25	**3.7**	**4.0**	< 0.69	< 0.63	< 0.65	< 0.63	**4.4**	< 0.28	< 0.26
Benzo(a)pyrene	0.2	< 0.25	< 0.25	**6.6**	**6.7**	**1.1**	< 0.63	**1.1**	**1.1**	**7.6**	< 0.28	< 0.26
Indeno(123cd)pyrene	0.2	< 0.25	< 0.25	**2.7**	**3.0**	< 0.69	< 0.63	**0.71**	< 0.63	**3.4**	< 0.28	< 0.26
Dibenz(ah)anthracene	0.2	< 0.25	< 0.25	**1.5**	**1.6**	< 0.69	< 0.63	< 0.65	< 0.63	**1.6**	< 0.28	< 0.26
Benzo(ghi)perylene	0.2	< 0.25	< 0.25	**3.3**	**3.5**	**0.76**	< 0.63	**0.75**	**0.63**	**4.4**	< 0.28	< 0.26
Total		-	**0.27**	**52**	**55**	**5.1**	**1.6**	**6.2**	**7.9**	**62**	-	-
Solids, Total		80.9	80.1	38.1	38.1	29.1	31.9	30.8	31.5	35.6	72.6	78.3
Surrogate	75-125%	92.9	88.9	111	109	107	108	106	85.9	107	107	108
Dilution Factor		1	1	1	1	1	1	1	1	1	1	1

TABLE 1
Ashland/NSP Lakefront Superfund Site
Soil Samples

Sample Description

PAHs	Reporting Limit mg/kg	NSP-SE-9-1A-0505	NSP-SE-1-13A-0505	NSP-SE-1-11C-0505	NSP-SE-1-12A-0505	NSP-SE-1-15C-0505	NSP-SE-1-15A-0505	NSP-SE-1-12G-0505				
Naphthalene	0.2	< 0.29	< 0.24	**0.62**	**2.1**	**1.4**	**1.9**	**0.82**				
1-MethylNaphthalene	0.2	< 0.29	< 0.24	< 0.54	**1.5**	**1.3**	**1.6**	**0.61**				
2-MethylNaphthalene	0.2	< 0.29	< 0.24	< 0.54	**1.2**	**0.75**	**0.87**	< 0.61				
Acenaphthylene	0.2	< 0.29	< 0.24	< 0.54	< 0.24	**3.7**	**4.1**	**3.1**				
Acenaphthene	0.2	< 0.29	< 0.24	< 0.54	**1.6**	**1.1**	**1.5**	**1.0**				
Fluorene	0.2	< 0.29	< 0.24	< 0.54	**0.69**	**0.56**	**1.6**	**0.82**				
Phenanthrene	0.2	< 0.29	< 0.24	< 0.54	**2.7**	**2.6**	**3.3**	**2.1**				
Anthracene	0.2	< 0.29	< 0.24	< 0.54	**0.90**	**2.3**	**2.5**	**1.8**				
Fluoranthene	0.2	< 0.29	< 0.24	**0.76**	**1.1**	**5.0**	**6.8**	**5.1**				
Pyrene	0.2	< 0.29	< 0.24	**1.3**	**1.7**	**8.2**	**11**	**9.3**				
Benzo(a)anthracene	0.2	< 0.29	< 0.24	**0.97**	**0.49**	**7.5**	**8.7**	**7.1**				
Chrysene	0.2	< 0.29	< 0.24	**0.60**	**0.47**	**7.0**	**8.8**	**6.8**				
Benzo(b)fluoranthene	0.2	< 0.29	< 0.24	**0.68**	**0.25**	**5.6**	**6.9**	**5.3**				
Benzo(k)fluoranthene	0.2	< 0.29	< 0.24	**0.60**	**0.25**	**6.5**	**7.5**	**6.0**				
Benzo(e)pyrene	0.2	< 0.29	< 0.24	**0.81**	**0.30**	**6.4**	**7.4**	**6.6**				
Benzo(a)pyrene	0.2	< 0.29	< 0.24	**1.4**	**0.53**	**11**	**13**	**10**				
Indeno(123cd)pyrene	0.2	< 0.29	< 0.24	**0.68**	< 0.24	**4.8**	**5.9**	**4.7**				
Dibenz(ah)anthracene	0.2	< 0.29	< 0.24	**0.60**	< 0.24	**2.6**	**3.3**	**2.4**				
Benzo(ghi)perylene	0.2	< 0.29	< 0.24	**0.78**	**0.25**	**6.3**	**7.6**	**6.3**				
Total		-	-	**9.8**	**16**	**84**	**100**	**80**				
Solids, Total		67.8	82.9	37.0	84.3	41.1	35.6	32.7				
Surrogate	75-125%	109	108	101	113	99.9	103	101				
Dilution Factor		1	1	1	1	1	1	1				

TABLE 2
Ashland/NSP Lakefront Superfund Site
Soil Samples

Sample Description

PAHs	Reporting Limit mg/kg	QC Limits LCS/MS/MSD	Blank 05/10/05	LCS 05/10/05	NSP-SE-1-2A-0505 MS 05/10/05	NSP-SE-1-2A-0505 MSD 05/10/05		Blank 05/11/05	LCS 05/11/05	NSP-SE-9-1A-0505 05/11/05	NSP-SE-9-1A-0505 05/11/05
Naphthalene	0.2	75-125%	-	86.7	86.7	85.9		-	90.0	93.1	94.1
1-MethylNaphthalene	0.2	75-125%	-					-			
2-MethylNaphthalene	0.2	75-125%	-					-			
Acenaphthylene	0.2	75-125%	-	89.1	89.4	88.5		-	103	104	104
Acenaphthene	0.2	75-125%	-	90.5	90.4	89.6		-	103	106	106
Fluorene	0.2	75-125%	-	92.0	91.8	91.1		-	107	109	112
Phenanthrene	0.2	75-125%	-	93.2	92.1	92.4		-	103	111	117
Anthracene	0.2	75-125%	-	93.4	90.7	92.2		-	113	116	123
Fluoranthene	0.2	75-125%	-	87.3	89.6	88.0		-	99.8	102	97.8
Pyrene	0.2	75-125%	-	87.2	90.0	89.1		-	101	102	98.4
Benzo(a)anthracene	0.2	75-125%	-	88.4	95.2	95.0		-	105	111	109
Chrysene	0.2	75-125%	-	91.1	91.6	88.5		-	106	104	105
Benzo(b)fluoranthene	0.2	75-125%	-	87.9	94.7	94.8		-	107	111	112
Benzo(k)fluoranthene	0.2	75-125%	-	91.7	97.6	95.6		-	107	113	114
Benzo(e)pyrene	0.2	75-125%	-					-			
Benzo(a)pyrene	0.2	75-125%	-	87.3	89.8	90.1		-	103	108	106
Indeno(123cd)pyrene	0.2	75-125%	-	88.4	90.3	89.9		-	107	110	112
Dibenz(ah)anthracene	0.2	75-125%	-	87.2	89.2	89.1		-	107	110	111
Benzo(ghi)perylene	0.2	75-125%	-	88.3	90.0	89.2		-	106	112	110
Surrogate	75-125%	75-125%	92.8	88.8	91.2	89.2		109	104	108	105

TABLE 2
Ashland/NSP Lakefront Superfund Site
Soil Samples

Sample Description

PAHs	Reporting Limit mg/kg	QC Limits LCS/MS/MSD	Blank 05/12/05	LCS 05/12/05	NSP-SE-1-12A-0505 05/12/05	NSP-SE-1-12A-0505 05/12/05		Blank 05/13/05	LCS 05/13/05	NSP-SE-1-12G-0505 05/13/05	NSP-SE-1-12G-0505 05/13/05
Naphthalene	0.2	75-125%	-	95.6	95.1	101		-	92.3	91.1	91.1
1-MethylNaphthalene	0.2	75-125%	-					-			
2-MethylNaphthalene	0.2	75-125%	-					-			
Acenaphthylene	0.2	75-125%	-	105	106	104		-	97.3	101	102
Acenaphthene	0.2	75-125%	-	105	104	104		-	100	99.7	99.8
Fluorene	0.2	75-125%	-	111	110	111		-	102	100	101
Phenanthrene	0.2	75-125%	-	105	120	126		-	94.6	104	101
Anthracene	0.2	75-125%	-	115	128	136		-	111	112	96.4
Fluoranthene	0.2	75-125%	-	106	95.9	99.0		-	96.4	95.7	93.8
Pyrene	0.2	75-125%	-	104	96.9	106		-	97.7	98.9	95.0
Benzo(a)anthracene	0.2	75-125%	-	107	115	110		-	101	112	103
Chrysene	0.2	75-125%	-	107	107	108		-	109	101	101
Benzo(b)fluoranthene	0.2	75-125%	-	106	108	111		-	91.3	110	94.6
Benzo(k)fluoranthene	0.2	75-125%	-	107	113	109		-	91.4	109	94.4
Benzo(e)pyrene	0.2	75-125%	-					-			
Benzo(a)pyrene	0.2	75-125%	-	107	110	107		-	99.5	116	114
Indeno(123cd)pyrene	0.2	75-125%	-	113	114	115		-	103	110	110
Dibenz(ah)anthracene	0.2	75-125%	-	114	115	116		-	104	109	114
Benzo(ghi)perylene	0.2	75-125%	-	114	112	114		-	105	109	108
Surrogate	75-125%	75-125%	113	103	104	103		96.5	93.3	97.6	96.7

Table 3
ASHLAND/NSP LAKEFRONT SUPERFUND SITE
MAY, 2005
PPM(mg/Kg)

Target Analyte	RL	MDL1 5/11/2005	MDL2 5/11/2005	MDL3 5/11/2005	MDL4 5/11/2005	MDL5 5/11/2005	MDL6 5/11/2005	MDL7 5/11/2005	MDL8 5/11/2005	STND DEV	MDL	Spike/ MDL	1 Blank	
Naphthalene	0.25	0.23	0.23	0.25	0.26	0.24	0.25	0.23	0.24	0.01126	**0.034**	7.4	-	
1-MethylNaphthalene	0.25	0.25	0.24	0.24	0.25	0.23	0.25	0.23	0.23	0.009258	**0.028**	9.0	-	
2-MethylNaphthalene	0.25	0.24	0.23	0.24	0.28	0.22	0.23	0.24	0.22	0.019086	**0.057**	4.4	-	
Acenaphthylene	0.25	0.28	0.27	0.26	0.27	0.27	0.26	0.27	0.26	0.007071	**0.021**	11.8	-	
Acenaphthene	0.25	0.25	0.28	0.24	0.28	0.28	0.26	0.27	0.26	0.015119	**0.045**	5.5	-	
Fluorene	0.25	0.24	0.24	0.26	0.24	0.25	0.24	0.24	0.26	0.009161	**0.027**	9.1	-	
Phenanthrene	0.25	0.21	0.22	0.22	0.22	0.21	0.23	0.20	0.23	0.010351	**0.031**	8.1	-	
Anthracene	0.25	0.26	0.27	0.28	0.27	0.26	0.27	0.28	0.27	0.007559	**0.023**	11.0	-	
Fluorathnene	0.25	0.24	0.26	0.26	0.25	0.24	0.25	0.25	0.23	0.010351	**0.031**	8.1	-	
Pyrene	0.25	0.27	0.26	0.27	0.28	0.26	0.26	0.26	0.26	0.007559	**0.023**	11.0	-	
Benzo(a)anthracene	0.25	0.25	0.29	0.28	0.30	0.26	0.27	0.26	0.22	0.025036	**0.075**	3.3	-	
Chrysene	0.25	0.27	0.25	0.24	0.24	0.27	0.29	0.24	0.28	0.02	**0.060**	4.2	-	
Benzo(b)fluoranthene	0.25	0.25	0.26	0.27	0.24	0.23	0.22	0.22	0.23	0.018516	**0.056**	4.5	-	
Benzo(k)fluoranthene	0.25	0.26	0.25	0.25	0.23	0.24	0.23	0.22	0.21	0.01685	**0.051**	4.9	-	
Bezo(e)pyrene	0.25	0.24	0.24	0.24	0.24	0.25	0.23	0.25	0.25	0.007071	**0.021**	11.8	-	
Benzo(a)pyrene	0.25	0.32	0.33	0.33	0.29	0.30	0.31	0.24	0.31	0.029246	**0.088**	2.9	-	
Indeno(123-cd)pyrene	0.25	0.30	0.30	0.28	0.28	0.28	0.28	0.27	0.27	0.01165	**0.035**	7.2	-	
Dibenz(ah)anthracene	0.25	0.31	0.31	0.29	0.29	0.31	0.30	0.29	0.29	0.00991	**0.030**	8.4	-	
Beznzo(ghi)perylene	0.25	0.29	0.30	0.28	0.30	0.28	0.28	0.30	0.30	0.00991	**0.030**	8.4	-	
Surrogate		108.0	110.0	107.6	111.0	109.0	107.0	99.6	104.0				104	
Dilution Factor		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1	

Table 3
ASHLAND/NSP LAKEFRONT SUPERFUND SITE
MAY, 2005
% Recovery

Target Analyte	RL	MDL1 5/11/2005	MDL2 5/11/2005	MDL3 5/11/2005	MDL4 5/11/2005	MDL5 5/11/2005	MDL6 5/11/2005	MDL7 5/11/2005	MDL8 5/11/2005	MEAN RECOVERY	% RSD	1 Blank			
Naphthalene	0.25	92.0	92.0	100.0	104.0	96.0	100.0	92.0	96.0	96.50	4.67	-			
1-MethylNaphthalene	0.25	100.0	96.0	96.0	100.0	92.0	100.0	92.0	92.0	96.00	3.86	-			
2-MethylNaphthalene	0.25	96.0	92.0	96.0	112.0	88.0	92.0	96.0	88.0	95.00	8.04	-			
Acenaphthylene	0.25	112.0	108.0	104.0	108.0	108.0	104.0	108.0	104.0	107.00	2.64	-			
Acenaphthene	0.25	100.0	112.0	96.0	112.0	112.0	104.0	108.0	104.0	106.00	5.71	-			
Fluorene	0.25	96.0	96.0	104.0	96.0	100.0	96.0	96.0	104.0	98.50	3.72	-			
Phenanthrene	0.25	84.0	88.0	88.0	88.0	84.0	92.0	80.0	92.0	87.00	4.76	-			
Anthracene	0.25	104.0	108.0	112.0	108.0	104.0	108.0	112.0	108.0	108.00	2.80	-			
Fluorathnene	0.25	96.0	104.0	104.0	100.0	96.0	100.0	100.0	92.0	99.00	4.18	-			
Pyrene	0.25	108.0	104.0	108.0	112.0	104.0	104.0	104.0	104.0	106.00	2.85	-			
Benzo(a)anthracene	0.25	100.0	116.0	112.0	120.0	104.0	108.0	104.0	88.0	106.50	9.40	-			
Chrysene	0.25	108.0	100.0	96.0	96.0	108.0	116.0	96.0	112.0	104.00	7.69	-			
Benzo(b)fluoranthene	0.25	100.0	104.0	108.0	96.0	92.0	88.0	88.0	92.0	96.00	7.72	-			
Benzo(k)fluoranthene	0.25	104.0	100.0	100.0	92.0	96.0	92.0	88.0	84.0	94.50	7.13	-			
Benzo(e)pyrene	0.25	96.0	96.0	96.0	96.0	100.0	92.0	100.0	100.0	97.00	2.92	-			
Benzo(a)pyrene	0.25	128.0	132.0	132.0	116.0	120.0	124.0	96.0	124.0	121.50	9.63	-			
Indeno(123-cd)pyrene	0.25	120.0	120.0	112.0	112.0	112.0	112.0	108.0	108.0	113.00	4.12	-			
Dibenz(ah)anthracene	0.25	124.0	124.0	116.0	116.0	124.0	120.0	116.0	116.0	119.50	3.32	-			
Beznzo(ghi)perylene	0.25	116.0	120.0	112.0	120.0	112.0	112.0	120.0	120.0	116.50	3.40	-			
Surrogate		108.0	110.0	107.6	111.0	109.0	107.0	99.6	104.0	0.0	0.0	104			
Dilution Factor		1	1	1	1	1	1	1	1	0	0	1			

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Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 89476
NLS Customer: 91206

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

NSP-SW-ADCP2-0505 NLS ID: 370622
Ref. Line 1 COC 71712 NSP-SW-ADCP2-0505 Matrix: SW
Collected: 05/11/05 07:46 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, tot. susp. (TSS)	[1.0]	mg/L	1	1.0*		05/17/05	EPA 160.2	721026460
Turbidity, Lab	2.9	NTU	1	0.50*		05/16/05	EPA 180.1	721026460

NSP-SW-ADCP4-0505 NLS ID: 370623
Ref. Line 2 COC 71712 NSP-SW-ADCP4-0505 Matrix: SW
Collected: 05/11/05 07:46 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, tot. susp. (TSS)	2.0	mg/L	1	1.0*		05/17/05	EPA 160.2	721026460
Turbidity, Lab	2.1	NTU	1	0.50*		05/16/05	EPA 180.1	721026460

NSP-SW-ADCP6-0505 NLS ID: 370624
Ref. Line 3 COC 71712 NSP-SW-ADCP6-0505 Matrix: SW
Collected: 05/11/05 07:46 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, tot. susp. (TSS)	ND	mg/L	1	1.0*		05/17/05	EPA 160.2	721026460
Turbidity, Lab	2.1	NTU	1	0.50*		05/16/05	EPA 180.1	721026460

NSP-SW-ADV-0505 NLS ID: 370625
Ref. Line 4 COC 71712 NSP-SW-ADV-0505 Matrix: SW
Collected: 05/11/05 08:09 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, tot. susp. (TSS)	ND	mg/L	1	1.0*		05/17/05	EPA 160.2	721026460
Turbidity, Lab	2.0	NTU	1	0.50*		05/16/05	EPA 180.1	721026460

NSP-SW-ADCP2B-0505 NLS ID: 370626
Ref. Line 5 COC 71712 NSP-SW-ADCP2B-0505 Matrix: SW
Collected: 05/11/05 12:38 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, tot. susp. (TSS)	8.0	mg/L	1	1.0*		05/17/05	EPA 160.2	721026460
Turbidity, Lab	5.3	NTU	1	0.50*		05/16/05	EPA 180.1	721026460

NSP-SW-ADCP4B-0505 NLS ID: 370627
Ref. Line 6 COC 71712 NSP-SW-ADCP4B-0505 Matrix: SW
Collected: 05/11/05 12:38 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, tot. susp. (TSS)	11	mg/L	1	1.0*		05/17/05	EPA 160.2	721026460
Turbidity, Lab	ND	NTU	1	0.50*		05/16/05	EPA 180.1	721026460

NSP-SW-ADCP6B-0505 NLS ID: 370628
Ref. Line 7 COC 71712 NSP-SW-ADCP6B-0505 Matrix: SW
Collected: 05/11/05 12:38 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, tot. susp. (TSS)	11	mg/L	1	1.0*		05/17/05	EPA 160.2	721026460
Turbidity, Lab	9.6	NTU	1	0.50*		05/16/05	EPA 180.1	721026460

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

NSP-SW-ADV-B-0505 NLS ID: 370629
Ref. Line 8 COC 71712 NSP-SW-ADV-B-0505 Matrix: SW
Collected: 05/11/05 12:42 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, tot. susp. (TSS)	13	mg/L	1	1.0*		05/17/05	EPA 160.2	721026460
Turbidity, Lab	8.0	NTU	1	0.50*		05/16/05	EPA 180.1	721026460

Soil, NSP-SE-1-9A-0505-NLS NLS ID: 370630
Ref. Line 9 COC 71712 Soil, NSP-SE-1-9A-0505-NLS Matrix: SO
Collected: 05/10/05 14:33 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, total on solids	26.2	%	1	0.10*		05/16/05	ASTM D2216	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

Soil, NSP-SE-1-13A-0505-NLS NLS ID: 370631
Ref. Line 10 COC 71712 Soil, NSP-SE-1-13A-0505-NLS Matrix: SO
Collected: 05/12/05 09:20 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, total on solids	70.3	%	1	0.10*		05/16/05	ASTM D2216	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

Soil, NSP-SE-1-15C-0505-NLS NLS ID: 370632
Ref. Line 1 COC 71713 Soil, NSP-SE-1-15C-0505-NLS Matrix: SO
Collected: 05/12/05 09:57 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Solids, total on solids	33.7	%	1	0.10*		05/16/05	ASTM D2216	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-21-1C-0505 NLS ID: 370633
Ref. Line 2 COC 71713 Soil, NSP-SE-21-1C-0505 Matrix: SO
Collected: 05/12/05 12:38 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	5500	mg/Kg DWB	1	11	40	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	ND	mg/Kg DWB	20	1.5	5.2	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[3.9]	mg/Kg DWB	20	1.2	4.1	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	45	mg/Kg DWB	1	0.25	0.51	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	0.22	mg/Kg DWB	1	0.051	0.18	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.38	1.4	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	2500	mg/Kg DWB	10	76	150	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	14	mg/Kg DWB	1	0.76	2.7	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	7.0	mg/Kg DWB	1	0.71	2.5	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	84	mg/Kg DWB	1	0.30	1.1	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	14000	mg/Kg DWB	10	14	53	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	[25]	mg/Kg DWB	1	8.2	30	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	2000	mg/Kg DWB	10	76	150	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	120	mg/Kg DWB	1	0.17	0.51	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.073	0.26	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	16	mg/Kg DWB	1	1.8	6.4	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	590	mg/Kg DWB	1	18	67	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.4	4.7	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.74	2.6	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	98	mg/Kg DWB	1	1.7	6.1	05/19/05	SW846 6010	721026460
Solids, total on solids	54.1	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.7	6.2	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	37	mg/Kg DWB	1	0.44	1.6	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	48	mg/Kg DWB	1	0.34	1.0	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/17/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-24-1A-0505 NLS ID: 370634
Ref. Line 3 COC 71713 Soil, NSP-SE-24-1A-0505 Matrix: SO
Collected: 05/12/05 14:30 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	8100	mg/Kg DWB	1	12	44	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	[1.5]	mg/Kg DWB	20	1.4	5.1	05/18/05	SW846 7041	721026460
	Digestion spikes were outside control limits. Analytical spikes were performed, and were within control limits. Data accepted.							
Arsenic, tot. recoverable as As by furnace AAS	[2.2]	mg/Kg DWB	20	1.1	4.0	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	44	mg/Kg DWB	1	0.28	0.56	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	[0.084]	mg/Kg DWB	1	0.056	0.20	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.41	1.5	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	4900	mg/Kg DWB	10	84	170	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	18	mg/Kg DWB	1	0.84	3.0	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	7.9	mg/Kg DWB	1	0.78	2.7	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	23	mg/Kg DWB	1	0.33	1.2	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	15000	mg/Kg DWB	10	16	58	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	[31]	mg/Kg DWB	1	9.1	33	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	4300	mg/Kg DWB	10	84	170	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	180	mg/Kg DWB	1	0.18	0.56	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.074	0.26	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	17	mg/Kg DWB	1	2.0	7.1	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	1100	mg/Kg DWB	1	20	73	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.3	4.6	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.81	2.9	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	100	mg/Kg DWB	1	1.8	6.7	05/19/05	SW846 6010	721026460
Solids, total on solids	53.4	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.7	6.0	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	43	mg/Kg DWB	1	0.49	1.8	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	57	mg/Kg DWB	1	0.37	1.1	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/17/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
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EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-8-1C-0505 NLS ID: 370635
Ref. Line 4 COC 71713 Soil, NSP-SE-8-1C-0505 Matrix: SO
Collected: 05/12/05 11:30 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	4200	mg/Kg DWB	1	9.3	35	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	ND	mg/Kg DWB	20	1.1	4.0	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[1.8]	mg/Kg DWB	20	0.90	3.2	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	26	mg/Kg DWB	1	0.22	0.44	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	ND	mg/Kg DWB	1	0.044	0.16	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.33	1.2	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	2100	mg/Kg DWB	10	67	130	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	12	mg/Kg DWB	1	0.67	2.4	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	4.4	mg/Kg DWB	1	0.62	2.2	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	7.1	mg/Kg DWB	1	0.26	0.98	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	11000	mg/Kg DWB	10	12	46	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	[7.8]	mg/Kg DWB	1	7.2	26	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	1800	mg/Kg DWB	10	67	130	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	130	mg/Kg DWB	1	0.15	0.44	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.063	0.22	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	7.6	mg/Kg DWB	1	1.6	5.6	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	500	mg/Kg DWB	1	16	58	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.1	3.6	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.64	2.3	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	110	mg/Kg DWB	1	1.5	5.3	05/19/05	SW846 6010	721026460
Solids, total on solids	62.3	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.3	4.7	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	30	mg/Kg DWB	1	0.39	1.4	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	24	mg/Kg DWB	1	0.30	0.89	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/17/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

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Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-22-2B-0505 NLS ID: 370636
Ref. Line 5 COC 71713 Soil, NSP-SE-22-2B-0505 Matrix: SO
Collected: 05/12/05 13:00 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	6500	mg/Kg DWB	1	12	45	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	ND	mg/Kg DWB	20	1.9	6.8	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[5.1]	mg/Kg DWB	20	1.5	5.4	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	47	mg/Kg DWB	1	0.29	0.58	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	[0.13]	mg/Kg DWB	1	0.058	0.20	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.43	1.6	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	3300	mg/Kg DWB	10	86	170	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	16	mg/Kg DWB	1	0.86	3.0	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	7.2	mg/Kg DWB	1	0.81	2.8	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	270	mg/Kg DWB	1	0.34	1.3	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	13000	mg/Kg DWB	10	16	60	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	[32]	mg/Kg DWB	1	9.3	34	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	2800	mg/Kg DWB	10	86	170	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	120	mg/Kg DWB	1	0.19	0.58	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.069	0.24	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	15	mg/Kg DWB	1	2.0	7.3	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	820	mg/Kg DWB	1	21	75	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.8	6.1	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.83	3.0	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	100	mg/Kg DWB	1	1.9	6.9	05/19/05	SW846 6010	721026460
Solids, total on solids	45.9	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	2.3	8.0	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	37	mg/Kg DWB	1	0.50	1.8	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	60	mg/Kg DWB	1	0.39	1.2	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/17/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-20-1B-0505 NLS ID: 370637
Ref. Line 6 COC 71713 Soil, NSP-SE-20-1B-0505 Matrix: SO
Collected: 05/12/05 12:20 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	1100	mg/Kg DWB	1	7.2	27	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	[1.6]	mg/Kg DWB	20	1.2	4.1	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[1.0]	mg/Kg DWB	20	0.93	3.3	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	7.4	mg/Kg DWB	1	0.17	0.34	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	[0.099]	mg/Kg DWB	1	0.034	0.12	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.25	0.92	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	570	mg/Kg DWB	10	51	100	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	3.6	mg/Kg DWB	1	0.51	1.8	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	[1.7]	mg/Kg DWB	1	0.48	1.7	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	1.7	mg/Kg DWB	1	0.20	0.75	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	4400	mg/Kg DWB	10	9.5	35	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	5.5	20	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	440	mg/Kg DWB	10	51	100	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	40	mg/Kg DWB	1	0.11	0.34	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.052	0.18	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	[1.3]	mg/Kg DWB	1	1.2	4.3	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	120	mg/Kg DWB	1	12	45	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.1	3.8	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.49	1.8	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	31	mg/Kg DWB	1	1.1	4.1	05/19/05	SW846 6010	721026460
Solids, total on solids	76.6	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.4	4.9	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	12	mg/Kg DWB	1	0.30	1.1	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	6.6	mg/Kg DWB	1	0.23	0.68	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/17/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-23-1B-0505 NLS ID: 370638
Ref. Line 7 COC 71713 Soil, NSP-SE-23-1B-0505 Matrix: SO
Collected: 05/12/05 14:00 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	4700	mg/Kg DWB	1	10	38	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	[1.8]	mg/Kg DWB	20	1.7	6.1	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[3.3]	mg/Kg DWB	20	1.4	4.8	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	36	mg/Kg DWB	1	0.24	0.48	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	0.25	mg/Kg DWB	1	0.048	0.17	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.36	1.3	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	3100	mg/Kg DWB	10	72	140	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	13	mg/Kg DWB	1	0.72	2.6	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	5.7	mg/Kg DWB	1	0.68	2.4	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	120	mg/Kg DWB	1	0.28	1.1	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	10000	mg/Kg DWB	10	14	50	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	[21]	mg/Kg DWB	1	7.8	28	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	2100	mg/Kg DWB	10	72	140	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	120	mg/Kg DWB	1	0.16	0.48	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	[0.15]	mg/Kg DWB	1	0.078	0.28	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	11	mg/Kg DWB	1	1.7	6.1	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	610	mg/Kg DWB	1	17	63	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.6	5.5	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.70	2.5	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	120	mg/Kg DWB	1	1.6	5.8	05/19/05	SW846 6010	721026460
Solids, total on solids	50.5	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	2.0	7.2	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	28	mg/Kg DWB	1	0.42	1.5	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	54	mg/Kg DWB	1	0.32	0.97	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/17/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-11-1C-0505 NLS ID: 370639
Ref. Line 8 COC 71713 Soil, NSP-SE-11-1C-0505 Matrix: SO
Collected: 05/12/05 08:05 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	540	mg/Kg DWB	1	7.8	29	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	ND	mg/Kg DWB	20	1.2	4.3	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	ND	mg/Kg DWB	20	0.97	3.4	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	5.2	mg/Kg DWB	1	0.19	0.37	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	[0.045]	mg/Kg DWB	1	0.037	0.13	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.28	1.0	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	270	mg/Kg DWB	1	5.6	11	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	[1.2]	mg/Kg DWB	1	0.56	2.0	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	[0.96]	mg/Kg DWB	1	0.52	1.8	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	1.1	mg/Kg DWB	1	0.22	0.82	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	2200	mg/Kg DWB	1	1.0	3.9	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	6.0	22	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	230	mg/Kg DWB	1	5.6	11	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	20	mg/Kg DWB	1	0.12	0.37	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.054	0.19	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	ND	mg/Kg DWB	1	1.3	4.7	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	60	mg/Kg DWB	1	13	49	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.1	3.9	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.54	1.9	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	22	mg/Kg DWB	1	1.2	4.5	05/19/05	SW846 6010	721026460
Solids, total on solids	73.2	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.4	5.1	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	5.2	mg/Kg DWB	1	0.32	1.2	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	3.6	mg/Kg DWB	1	0.25	0.75	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/17/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
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NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-2-2B-0505 NLS ID: 370640
Ref. Line 9 COC 71713 Soil, NSP-SE-2-2B-0505 Matrix: SO
Collected: 05/12/05 12:00 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	2300	mg/Kg DWB	1	8.5	31	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	[1.6]	mg/Kg DWB	20	1.3	4.7	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[1.8]	mg/Kg DWB	20	1.1	3.7	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	18	mg/Kg DWB	1	0.20	0.40	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	[0.044]	mg/Kg DWB	1	0.040	0.14	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.30	1.1	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	2200	mg/Kg DWB	10	60	120	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	8.6	mg/Kg DWB	1	0.60	2.1	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	3.2	mg/Kg DWB	1	0.56	2.0	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	7.9	mg/Kg DWB	1	0.24	0.89	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	8700	mg/Kg DWB	10	11	42	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	6.5	24	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	990	mg/Kg DWB	10	60	120	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	110	mg/Kg DWB	1	0.13	0.40	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.063	0.22	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	[4.4]	mg/Kg DWB	1	1.4	5.1	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	300	mg/Kg DWB	1	15	53	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.2	4.3	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.58	2.1	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	53	mg/Kg DWB	1	1.3	4.8	05/19/05	SW846 6010	721026460
Solids, total on solids	63.2	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.6	5.6	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	23	mg/Kg DWB	1	0.35	1.3	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	17	mg/Kg DWB	1	0.27	0.81	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/17/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-9-1B-0505 NLS ID: 370641
Ref. Line 10 COC 71713 Soil, NSP-SE-9-1B-0505 Matrix: SO
Collected: 05/12/05 14:46 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	3500	mg/Kg DWB	1	7.1	26	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	ND	mg/Kg DWB	20	1.2	4.3	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[1.9]	mg/Kg DWB	20	0.95	3.4	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	18	mg/Kg DWB	1	0.17	0.34	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	ND	mg/Kg DWB	1	0.034	0.12	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.25	0.91	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	1900	mg/Kg DWB	10	50	100	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	10	mg/Kg DWB	1	0.50	1.8	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	3.5	mg/Kg DWB	1	0.47	1.6	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	6.0	mg/Kg DWB	1	0.20	0.74	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	10000	mg/Kg DWB	10	9.4	35	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	[5.8]	mg/Kg DWB	1	5.4	20	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	1600	mg/Kg DWB	10	50	100	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	100	mg/Kg DWB	1	0.11	0.34	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.060	0.21	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	6.9	mg/Kg DWB	1	1.2	4.3	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	430	mg/Kg DWB	1	12	44	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.1	3.9	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.49	1.7	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	53	mg/Kg DWB	1	1.1	4.0	05/19/05	SW846 6010	721026460
Solids, total on solids	65.9	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.4	5.0	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	26	mg/Kg DWB	1	0.29	1.1	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	19	mg/Kg DWB	1	0.23	0.67	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/17/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/19/05	SW846 3550B	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-26-1A-0505 NLS ID: 370642
Ref. Line 1 COC 71714 Soil, NSP-SE-26-1A-0505 Matrix: SO
Collected: 05/13/05 11:47 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	720	mg/Kg DWB	1	6.8	25	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	ND	mg/Kg DWB	20	1.2	4.1	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[1.9]	mg/Kg DWB	20	0.93	3.3	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	4.2	mg/Kg DWB	1	0.16	0.32	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	[0.097]	mg/Kg DWB	1	0.032	0.11	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.24	0.87	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	390	mg/Kg DWB	1	4.8	9.7	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	2.2	mg/Kg DWB	1	0.48	1.7	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	[1.1]	mg/Kg DWB	1	0.45	1.6	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	1.2	mg/Kg DWB	1	0.19	0.71	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	4000	mg/Kg DWB	1	0.90	3.4	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	5.2	19	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	360	mg/Kg DWB	1	4.8	9.7	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	33	mg/Kg DWB	1	0.11	0.32	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.054	0.19	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	[1.5]	mg/Kg DWB	1	1.1	4.1	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	69	mg/Kg DWB	1	12	42	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.1	3.8	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.47	1.7	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	28	mg/Kg DWB	1	1.1	3.9	05/19/05	SW846 6010	721026460
Solids, total on solids	72.6	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.4	4.9	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	11	mg/Kg DWB	1	0.28	1.0	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	7.3	mg/Kg DWB	1	0.22	0.65	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/18/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/20/05	SW846 3550B	721026460

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-10-2C-0505 NLS ID: 370643
Ref. Line 2 COC 71714 Soil, NSP-SE-10-2C-0505 Matrix: SO
Collected: 05/13/05 14:04 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	1400	mg/Kg DWB	1	6.7	25	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	[2.1]	mg/Kg DWB	20	1.3	4.6	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	ND	mg/Kg DWB	20	1.0	3.7	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	11	mg/Kg DWB	1	0.16	0.32	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	0.19	mg/Kg DWB	1	0.032	0.11	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.23	0.86	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	690	mg/Kg DWB	10	48	95	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	5.2	mg/Kg DWB	1	0.48	1.7	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	[1.3]	mg/Kg DWB	1	0.44	1.6	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	3.7	mg/Kg DWB	1	0.19	0.70	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	4100	mg/Kg DWB	10	8.9	33	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	5.1	19	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	540	mg/Kg DWB	10	48	95	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	37	mg/Kg DWB	1	0.10	0.32	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.057	0.20	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	[2.0]	mg/Kg DWB	1	1.1	4.0	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	190	mg/Kg DWB	1	11	42	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.2	4.2	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.46	1.6	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	38	mg/Kg DWB	1	1.0	3.8	05/19/05	SW846 6010	721026460
Solids, total on solids	69.8	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.5	5.5	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	12	mg/Kg DWB	1	0.28	1.0	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	13	mg/Kg DWB	1	0.21	0.63	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/18/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/20/05	SW846 3550B	721026460

NORTHERN LAKE SERVICE, INC.
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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-10-1A-0505 NLS ID: 370644
Ref. Line 3 COC 71714 Soil, NSP-SE-10-1A-0505 Matrix: SO
Collected: 05/13/05 13:10 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	1300	mg/Kg DWB	1	7.6	28	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	[1.6]	mg/Kg DWB	20	1.0	3.7	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	ND	mg/Kg DWB	20	0.83	2.9	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	11	mg/Kg DWB	1	0.18	0.36	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	[0.051]	mg/Kg DWB	1	0.036	0.13	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.27	0.98	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	940	mg/Kg DWB	10	54	110	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	3.6	mg/Kg DWB	1	0.54	1.9	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	1.9	mg/Kg DWB	1	0.51	1.8	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	4.7	mg/Kg DWB	1	0.21	0.79	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	5800	mg/Kg DWB	10	10	38	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	[21]	mg/Kg DWB	1	5.9	21	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	620	mg/Kg DWB	10	54	110	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	70	mg/Kg DWB	1	0.12	0.36	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.058	0.20	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	[2.5]	mg/Kg DWB	1	1.3	4.6	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	160	mg/Kg DWB	1	13	47	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	0.97	3.4	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.52	1.9	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	49	mg/Kg DWB	1	1.2	4.3	05/19/05	SW846 6010	721026460
Solids, total on solids	68.5	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.2	4.4	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	13	mg/Kg DWB	1	0.31	1.2	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	21	mg/Kg DWB	1	0.24	0.72	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/18/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/20/05	SW846 3550B	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-5-2A-0505 NLS ID: 370645
Ref. Line 4 COC 71714 Soil, NSP-SE-5-2A-0505 Matrix: SO
Collected: 05/13/05 11:16 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	380	mg/Kg DWB	1	7.4	27	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	ND	mg/Kg DWB	20	1.1	4.1	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	ND	mg/Kg DWB	20	0.91	3.2	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	2.6	mg/Kg DWB	1	0.18	0.35	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	0.47	mg/Kg DWB	1	0.035	0.12	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.26	0.95	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	140	mg/Kg DWB	1	5.3	11	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	[0.66]	mg/Kg DWB	1	0.53	1.9	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	[0.55]	mg/Kg DWB	1	0.49	1.7	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	0.85	mg/Kg DWB	1	0.21	0.77	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	1000	mg/Kg DWB	1	0.98	3.6	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	5.7	21	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	160	mg/Kg DWB	1	5.3	11	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	15	mg/Kg DWB	1	0.12	0.35	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.057	0.20	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	ND	mg/Kg DWB	1	1.2	4.4	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	80	mg/Kg DWB	1	13	46	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.1	3.7	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.51	1.8	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	9.9	mg/Kg DWB	1	1.2	4.2	05/19/05	SW846 6010	721026460
Solids, total on solids	69.5	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.4	4.8	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	2.2	mg/Kg DWB	1	0.30	1.1	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	2.6	mg/Kg DWB	1	0.23	0.70	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/18/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/20/05	SW846 3550B	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-13-1A-0505 NLS ID: 370646
Ref. Line 5 COC 71714 Soil, NSP-SE-13-1A-0505 Matrix: SO
Collected: 05/13/05 14:37 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	900	mg/Kg DWB	1	7.0	26	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	[1.3]	mg/Kg DWB	20	1.0	3.6	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[2.1]	mg/Kg DWB	20	0.80	2.8	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	5.3	mg/Kg DWB	1	0.17	0.33	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	1.2	mg/Kg DWB	1	0.033	0.12	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.25	0.89	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	390	mg/Kg DWB	1	5.0	9.9	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	2.3	mg/Kg DWB	1	0.50	1.8	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	[1.2]	mg/Kg DWB	1	0.46	1.6	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	1.6	mg/Kg DWB	1	0.20	0.73	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	3000	mg/Kg DWB	1	0.93	3.4	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	5.4	20	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	360	mg/Kg DWB	1	5.0	9.9	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	33	mg/Kg DWB	1	0.11	0.33	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.056	0.20	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	[1.6]	mg/Kg DWB	1	1.2	4.2	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	110	mg/Kg DWB	1	12	43	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	0.93	3.2	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.48	1.7	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	12	mg/Kg DWB	1	1.1	4.0	05/19/05	SW846 6010	721026460
Solids, total on solids	70.9	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.2	4.2	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	8.6	mg/Kg DWB	1	0.29	1.1	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	5.9	mg/Kg DWB	1	0.22	0.66	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/18/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/20/05	SW846 3550B	721026460

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-15-1A-0505 NLS ID: 370647
Ref. Line 6 COC 71714 Soil, NSP-SE-15-1A-0505 Matrix: SO
Collected: 05/13/05 09:06 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	1100	mg/Kg DWB	1	8.4	31	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	[1.6]	mg/Kg DWB	20	1.3	4.7	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[1.7]	mg/Kg DWB	20	1.0	3.7	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	7.8	mg/Kg DWB	1	0.20	0.40	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	[0.096]	mg/Kg DWB	1	0.040	0.14	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.30	1.1	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	510	mg/Kg DWB	1	6.0	12	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	2.3	mg/Kg DWB	1	0.60	2.1	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	[1.3]	mg/Kg DWB	1	0.56	2.0	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	1.9	mg/Kg DWB	1	0.24	0.88	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	3500	mg/Kg DWB	1	1.1	4.1	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	6.5	24	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	460	mg/Kg DWB	1	6.0	12	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	37	mg/Kg DWB	1	0.13	0.40	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.059	0.21	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	[2.1]	mg/Kg DWB	1	1.4	5.1	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	180	mg/Kg DWB	1	14	52	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.2	4.2	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.58	2.1	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	28	mg/Kg DWB	1	1.3	4.8	05/19/05	SW846 6010	721026460
Solids, total on solids	66.8	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.6	5.5	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	8.2	mg/Kg DWB	1	0.35	1.3	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	8.3	mg/Kg DWB	1	0.27	0.80	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/18/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/20/05	SW846 3550B	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-4-1A-0505 NLS ID: 370648
Ref. Line 7 COC 71714 Soil, NSP-SE-4-1A-0505 Matrix: SO
Collected: 05/13/05 10:13 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	2400	mg/Kg DWB	1	16	58	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	ND	mg/Kg DWB	20	2.3	8.1	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[2.2]	mg/Kg DWB	20	1.8	6.4	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	18	mg/Kg DWB	1	0.37	0.74	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	[0.13]	mg/Kg DWB	1	0.074	0.26	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.55	2.0	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	2000	mg/Kg DWB	10	110	220	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	4.4	mg/Kg DWB	1	1.1	3.9	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	[2.3]	mg/Kg DWB	1	1.0	3.6	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	4.9	mg/Kg DWB	1	0.44	1.6	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	3000	mg/Kg DWB	10	21	77	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	12	44	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	890	mg/Kg DWB	10	110	220	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	53	mg/Kg DWB	1	0.25	0.74	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.072	0.25	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	[3.6]	mg/Kg DWB	1	2.6	9.4	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	370	mg/Kg DWB	1	27	97	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	2.1	7.4	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	1.1	3.9	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	40	mg/Kg DWB	1	2.5	8.9	05/19/05	SW846 6010	721026460
Solids, total on solids	31.4	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	2.7	9.6	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	9.1	mg/Kg DWB	1	0.65	2.4	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	22	mg/Kg DWB	1	0.50	1.5	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/18/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/20/05	SW846 3550B	721026460

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-25-1A-0505 NLS ID: 370649
Ref. Line 8 COC 71714 Soil, NSP-SE-25-1A-0505 Matrix: SO
Collected: 05/13/05 09:30 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	2600	mg/Kg DWB	1	7.5	28	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	ND	mg/Kg DWB	20	1.2	4.2	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	ND	mg/Kg DWB	20	0.94	3.3	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	16	mg/Kg DWB	1	0.18	0.36	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	[0.078]	mg/Kg DWB	1	0.036	0.12	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.26	0.96	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	1700	mg/Kg DWB	10	53	110	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	6.2	mg/Kg DWB	1	0.53	1.9	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	2.6	mg/Kg DWB	1	0.50	1.7	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	4.9	mg/Kg DWB	1	0.21	0.78	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	6500	mg/Kg DWB	10	10	37	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	5.8	21	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	1000	mg/Kg DWB	10	53	110	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	75	mg/Kg DWB	1	0.12	0.36	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.063	0.22	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	[3.8]	mg/Kg DWB	1	1.2	4.5	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	360	mg/Kg DWB	1	13	47	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.1	3.8	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.52	1.8	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	57	mg/Kg DWB	1	1.2	4.3	05/19/05	SW846 6010	721026460
Solids, total on solids	62.8	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.4	5.0	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	15	mg/Kg DWB	1	0.31	1.1	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	16	mg/Kg DWB	1	0.24	0.71	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/18/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/20/05	SW846 3550B	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-5-1B-0505 NLS ID: 370650
Ref. Line 9 COC 71714 Soil, NSP-SE-5-1B-0505 Matrix: SO
Collected: 05/13/05 11:03 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	660	mg/Kg DWB	1	7.7	28	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	[2.0]	mg/Kg DWB	20	1.3	4.7	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	[1.2]	mg/Kg DWB	20	1.1	3.7	05/17/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	4.4	mg/Kg DWB	1	0.18	0.36	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	ND	mg/Kg DWB	1	0.036	0.13	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.27	0.98	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	320	mg/Kg DWB	1	5.5	11	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	[1.4]	mg/Kg DWB	1	0.55	1.9	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	[0.88]	mg/Kg DWB	1	0.51	1.8	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	1.7	mg/Kg DWB	1	0.22	0.80	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	1800	mg/Kg DWB	1	1.0	3.8	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	5.9	22	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	230	mg/Kg DWB	1	5.5	11	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	25	mg/Kg DWB	1	0.12	0.36	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.061	0.22	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	ND	mg/Kg DWB	1	1.3	4.6	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	95	mg/Kg DWB	1	13	48	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.2	4.3	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.53	1.9	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	21	mg/Kg DWB	1	1.2	4.4	05/19/05	SW846 6010	721026460
Solids, total on solids	64.4	%	1	0.10*		05/16/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.6	5.5	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	7.0	mg/Kg DWB	1	0.32	1.2	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	7.4	mg/Kg DWB	1	0.24	0.73	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/18/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/20/05	SW846 3550B	721026460

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ANALYTICAL REPORT

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NLS Project: 89476
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Ashland NSP/Lakefront 25688375**

Soil, NSP-SE-4-2B-0505 NLS ID: 370651
Ref. Line 10 COC 71714 Soil, NSP-SE-4-2B-0505 Matrix: SO
Collected: 05/13/05 10:45 Received: 05/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. recoverable as Al by ICP	570	mg/Kg DWB	1	8.7	32	05/18/05	SW846 6010	721026460
Antimony, tot. recoverable as Sb by furnace AAS	[1.2]	mg/Kg DWB	20	1.1	4.0	05/18/05	SW846 7041	721026460
Arsenic, tot. recoverable as As by furnace AAS	ND	mg/Kg DWB	20	0.89	3.2	05/18/05	SW846 7060	721026460
Barium, tot. recoverable as Ba by ICP	6.3	mg/Kg DWB	1	0.21	0.41	05/19/05	SW846 6010	721026460
Beryllium, tot. recoverable as Be by ICP	ND	mg/Kg DWB	1	0.041	0.14	05/20/05	SW846 6010	721026460
Cadmium, tot. recoverable as Cd by ICP	ND	mg/Kg DWB	1	0.31	1.1	05/18/05	SW846 6010	721026460
Calcium, tot. recoverable as Ca by ICP	710	mg/Kg DWB	1	6.2	12	05/19/05	SW846 6010	721026460
Chromium, trivalent as Cr+3		NOTHING ENTERED	1				Calc.	721026460
Chromium, Hex. as Cr+6 (soil)		NOTHING ENTERED	1				NA	721026460
Chromium, tot. recoverable as Cr by ICP	[1.3]	mg/Kg DWB	1	0.62	2.2	05/18/05	SW846 6010	721026460
Cobalt, tot. recoverable as Co by ICP	[0.97]	mg/Kg DWB	1	0.58	2.0	05/19/05	SW846 6010	721026460
Copper, tot. recoverable as Cu by ICP	1.5	mg/Kg DWB	1	0.24	0.91	05/18/05	SW846 6010	721026460
Iron, tot. recoverable as Fe by ICP	2000	mg/Kg DWB	1	1.2	4.3	05/19/05	SW846 6010	721026460
Lead, tot. recoverable as Pb by ICP	ND	mg/Kg DWB	1	6.7	24	05/18/05	SW846 6010	721026460
Magnesium, tot. recoverable as Mg by ICP	260	mg/Kg DWB	1	6.2	12	05/19/05	SW846 6010	721026460
Manganese, tot. recoverable as Mn by ICP	34	mg/Kg DWB	1	0.14	0.41	05/19/05	SW846 6010	721026460
Mercury, total as Hg on solids	ND	mg/Kg DWB	1	0.059	0.21	05/22/05	SW846 7470A	721026460
Nickel, tot. recoverable as Ni by ICP	ND	mg/Kg DWB	1	1.4	5.2	05/18/05	SW846 6010	721026460
Potassium, tot. recoverable as K by ICP	110	mg/Kg DWB	1	15	54	05/19/05	SW846 6010	721026460
Selenium, tot. recoverable as Se by furnace	ND	mg/Kg DWB	20	1.0	3.6	05/17/05	SW846 7740	721026460
Silver, tot. recoverable as Ag by ICP	ND	mg/Kg DWB	1	0.60	2.1	05/17/05	SW846 6010	721026460
Sodium, tot. recoverable as Na by ICP	15	mg/Kg DWB	1	1.4	5.0	05/19/05	SW846 6010	721026460
Solids, total on solids	67.0	%	1	0.10*		05/18/05	ASTM D2216	721026460
Thallium, tot. recoverable by furnace AAS	ND	mg/Kg DWB	20	1.3	4.7	05/18/05	SW846 7841	721026460
Vanadium, tot. recoverable as V by ICP	5.5	mg/Kg DWB	1	0.36	1.3	05/19/05	SW846 6010	721026460
Zinc, tot. recoverable as Zn by ICP	5.7	mg/Kg DWB	1	0.28	0.83	05/18/05	SW846 6010	721026460
Metals digestion - tot. recov. (solid) GF	yes					05/17/05	SW846 3050M	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/17/05	SW846 3050M	721026460
Organochlorine Pesticides (soil) by EPA 8081/PCBs by EPA 8082	NOTHING ENTERED						SW846 8081/8082	721026460
Organics Extraction (Soil) for Organochlorine Pesticides/PCBs	yes					05/18/05	SW846 3540C	721026460
Semivolatile GC/MS by 8270C (soil)	NOTHING ENTERED						SW846 8270C	721026460
Ultrasonic Extraction by 3550B	yes					05/20/05	SW846 3550B	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples

Reviewed by: _____

Authorized by:
R. T. Krueger
President

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**

Project Description: Ashland NSP/Lakefront 25688375

Project Title: **Template:**

Sample: 370630 Soil, NSP-SE-1-9A-0505-NLS Collected: 05/10/05 Analyzed: 05/20/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	340	ug/Kg	1	34	110
Benzo[a]pyrene	440	ug/Kg	1	34	110
Benzo[b]fluoranthene	500	ug/Kg	1	38	130
Benzo[g,h,i]perylene	200	ug/Kg	1	33	110
Benzo[k]fluoranthene	160	ug/Kg	1	38	130
Chrysene	390	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	570	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	140	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	470	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	620	ug/Kg	1	36	120
Benzo[e]pyrene	310	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	60%				
Phenol-d5 (SURR**)	64%				
Nitrobenzene-d5 (SURR**)	63%				
2-Fluorobiphenyl (SURR**)	60%				
2,4,6-Tribromophenol (SURR**)	77%				
Terphenyl-d14 (SURR**)	52%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370631 Soil, NSP-SE-1-13A-0505-NLS Collected: 05/12/05 Analyzed: 05/20/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	[83]	ug/Kg	1	34	110
Benzo[a]pyrene	120	ug/Kg	1	34	110
Benzo[b]fluoranthene	[110]	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	[87]	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	[100]	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	[63]	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	140	ug/Kg	1	36	120
Benzo[e]pyrene	[73]	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	62%				
Phenol-d5 (SURR**)	67%				
Nitrobenzene-d5 (SURR**)	65%				
2-Fluorobiphenyl (SURR**)	69%				
2,4,6-Tribromophenol (SURR**)	86%				
Terphenyl-d14 (SURR**)	60%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**

Project Description: Ashland NSP/Lakefront 25688375

Project Title: **Template:**

Sample: 370632 Soil, NSP-SE-1-15C-0505-NLS Collected: 05/12/05 Analyzed: 05/20/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	710	ug/Kg	4	130	430
Acenaphthylene	2400	ug/Kg	4	120	410
Anthracene	950	ug/Kg	4	150	510
Benzo[a]anthracene	4500	ug/Kg	4	140	460
Benzo[a]pyrene	7300	ug/Kg	4	140	450
Benzo[b]fluoranthene	6400	ug/Kg	4	150	500
Benzo[g,h,i]perylene	2300	ug/Kg	4	130	430
Benzo[k]fluoranthene	2400	ug/Kg	4	150	510
Chrysene	4700	ug/Kg	4	140	480
Dibenzo[a,h]anthracene	ND	ug/Kg	4	140	450
Dibenzofuran	ND	ug/Kg	4	130	420
Fluoranthene	3600	ug/Kg	4	150	500
Fluorene	570	ug/Kg	4	130	430
Indeno[1,2,3-cd]pyrene	1400	ug/Kg	4	120	420
1-Methylnaphthalene	450	ug/Kg	4	130	420
2-Methylnaphthalene	740	ug/Kg	4	120	410
2-Methylphenol	ND	ug/Kg	4	100	350
3 & 4-Methylphenol	ND	ug/Kg	4	220	770
Naphthalene	880	ug/Kg	4	120	410
Phenanthrene	1800	ug/Kg	4	150	490
Phenol	ND	ug/Kg	4	110	380
Pyrene	6400	ug/Kg	4	140	470
Benzo[e]pyrene	4400	ug/Kg	4	150	510
2-Fluorophenol (SURR**)	65%				
Phenol-d5 (SURR**)	74%				
Nitrobenzene-d5 (SURR**)	71%				
2-Fluorobiphenyl (SURR**)	68%				
2,4,6-Tribromophenol (SURR**)	77%				
Terphenyl-d14 (SURR**)	58%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370633 Soil, NSP-SE-21-1C-0505 Collected: 05/12/05 Analyzed: 05/20/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	2	65	220
Acenaphthylene	ND	ug/Kg	2	61	200
Anthracene	ND	ug/Kg	2	77	260
Benzo[a]anthracene	[160]	ug/Kg	2	68	230
Benzo[a]pyrene	[170]	ug/Kg	2	68	230
Benzo[b]fluoranthene	[200]	ug/Kg	2	75	250
Benzo[g,h,i]perylene	ND	ug/Kg	2	65	220
Benzo[k]fluoranthene	ND	ug/Kg	2	76	250
Chrysene	[200]	ug/Kg	2	71	240
Dibenzo[a,h]anthracene	ND	ug/Kg	2	68	230
Dibenzofuran	ND	ug/Kg	2	63	210
Fluoranthene	250	ug/Kg	2	75	250
Fluorene	ND	ug/Kg	2	65	220
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	2	62	210
1-Methylnaphthalene	ND	ug/Kg	2	63	210
2-Methylnaphthalene	ND	ug/Kg	2	62	210
2-Methylphenol	ND	ug/Kg	2	52	170
3 & 4-Methylphenol	ND	ug/Kg	2	110	390
Naphthalene	ND	ug/Kg	2	61	200
Phenanthrene	[220]	ug/Kg	2	73	240
Phenol	ND	ug/Kg	2	56	190
Pyrene	290	ug/Kg	2	71	240
Benzo[e]pyrene	[150]	ug/Kg	2	76	250
2-Fluorophenol (SURR**)	58%				
Phenol-d5 (SURR**)	68%				
Nitrobenzene-d5 (SURR**)	62%				
2-Fluorobiphenyl (SURR**)	66%				
2,4,6-Tribromophenol (SURR**)	73%				
Terphenyl-d14 (SURR**)	59%				

Diluted due to sample matrix in order to prevent further instrument contamination.
Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370634 Soil, NSP-SE-24-1A-0505 Collected: 05/12/05 Analyzed: 05/20/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	2	65	220
Acenaphthylene	430	ug/Kg	2	61	200
Anthracene	[170]	ug/Kg	2	77	260
Benzo[a]anthracene	700	ug/Kg	2	68	230
Benzo[a]pyrene	1100	ug/Kg	2	68	230
Benzo[b]fluoranthene	1000	ug/Kg	2	75	250
Benzo[g,h,i]perylene	360	ug/Kg	2	65	220
Benzo[k]fluoranthene	390	ug/Kg	2	76	250
Chrysene	760	ug/Kg	2	71	240
Dibenzo[a,h]anthracene	ND	ug/Kg	2	68	230
Dibenzofuran	ND	ug/Kg	2	63	210
Fluoranthene	660	ug/Kg	2	75	250
Fluorene	ND	ug/Kg	2	65	220
Indeno[1,2,3-cd]pyrene	210	ug/Kg	2	62	210
1-Methylnaphthalene	ND	ug/Kg	2	63	210
2-Methylnaphthalene	ND	ug/Kg	2	62	210
2-Methylphenol	ND	ug/Kg	2	52	170
3 & 4-Methylphenol	ND	ug/Kg	2	110	390
Naphthalene	ND	ug/Kg	2	61	200
Phenanthrene	290	ug/Kg	2	73	240
Phenol	ND	ug/Kg	2	56	190
Pyrene	1100	ug/Kg	2	71	240
Benzo[e]pyrene	660	ug/Kg	2	76	250
2-Fluorophenol (SURR**)	57%				
Phenol-d5 (SURR**)	66%				
Nitrobenzene-d5 (SURR**)	62%				
2-Fluorobiphenyl (SURR**)	70%				
2,4,6-Tribromophenol (SURR**)	79%				
Terphenyl-d14 (SURR**)	61%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370635 Soil, NSP-SE-8-1C-0505 Collected: 05/12/05 Analyzed: 05/20/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	57%				
Phenol-d5 (SURR**)	63%				
Nitrobenzene-d5 (SURR**)	60%				
2-Fluorobiphenyl (SURR**)	63%				
2,4,6-Tribromophenol (SURR**)	85%				
Terphenyl-d14 (SURR**)	60%				

Additional non-target compounds present.
Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370636 Soil, NSP-SE-22-2B-0505 Collected: 05/12/05 Analyzed: 05/20/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	10	320	1100
Acenaphthylene	ND	ug/Kg	10	310	1000
Anthracene	ND	ug/Kg	10	380	1300
Benzo[a]anthracene	ND	ug/Kg	10	340	1100
Benzo[a]pyrene	ND	ug/Kg	10	340	1100
Benzo[b]fluoranthene	ND	ug/Kg	10	380	1300
Benzo[g,h,i]perylene	ND	ug/Kg	10	330	1100
Benzo[k]fluoranthene	ND	ug/Kg	10	380	1300
Chrysene	ND	ug/Kg	10	360	1200
Dibenzo[a,h]anthracene	ND	ug/Kg	10	340	1100
Dibenzofuran	ND	ug/Kg	10	320	1100
Fluoranthene	ND	ug/Kg	10	370	1200
Fluorene	ND	ug/Kg	10	320	1100
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	10	310	1000
1-Methylnaphthalene	ND	ug/Kg	10	320	1100
2-Methylnaphthalene	ND	ug/Kg	10	310	1000
2-Methylphenol	ND	ug/Kg	10	260	870
3 & 4-Methylphenol	ND	ug/Kg	10	550	1900
Naphthalene	ND	ug/Kg	10	310	1000
Phenanthrene	ND	ug/Kg	10	370	1200
Phenol	ND	ug/Kg	10	280	940
Pyrene	ND	ug/Kg	10	360	1200
Benzo[e]pyrene	ND	ug/Kg	10	380	1300
2-Fluorophenol (SURR**)	71%				
Phenol-d5 (SURR**)	79%				
Nitrobenzene-d5 (SURR**)	70%				
2-Fluorobiphenyl (SURR**)	71%				
2,4,6-Tribromophenol (SURR**)	74%				
Terphenyl-d14 (SURR**)	59%				

Diluted due to sample matrix in order to prevent further instrument contamination.
Reanalysis at a lower dilution is not possible due to sample matrix.
Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370637 Soil, NSP-SE-20-1B-0505 Collected: 05/12/05 Analyzed: 05/20/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	61%				
Phenol-d5 (SURR**)	64%				
Nitrobenzene-d5 (SURR**)	62%				
2-Fluorobiphenyl (SURR**)	66%				
2,4,6-Tribromophenol (SURR**)	85%				
Terphenyl-d14 (SURR**)	64%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**

Project Description: Ashland NSP/Lakefront 25688375

Project Title: **Template:**

Sample: 370638 Soil, NSP-SE-23-1B-0505 Collected: 05/12/05 Analyzed: 05/23/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	2	65	220
Acenaphthylene	ND	ug/Kg	2	61	200
Anthracene	ND	ug/Kg	2	77	260
Benzo[a]anthracene	430	ug/Kg	2	68	230
Benzo[a]pyrene	490	ug/Kg	2	68	230
Benzo[b]fluoranthene	600	ug/Kg	2	75	250
Benzo[g,h,i]perylene	[200]	ug/Kg	2	65	220
Benzo[k]fluoranthene	[200]	ug/Kg	2	76	250
Chrysene	560	ug/Kg	2	71	240
Dibenzo[a,h]anthracene	ND	ug/Kg	2	68	230
Dibenzofuran	ND	ug/Kg	2	63	210
Fluoranthene	730	ug/Kg	2	75	250
Fluorene	ND	ug/Kg	2	65	220
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	2	62	210
1-Methylnaphthalene	[170]	ug/Kg	2	63	210
2-Methylnaphthalene	270	ug/Kg	2	62	210
2-Methylphenol	ND	ug/Kg	2	52	170
3 & 4-Methylphenol	ND	ug/Kg	2	110	390
Naphthalene	210	ug/Kg	2	61	200
Phenanthrene	710	ug/Kg	2	73	240
Phenol	ND	ug/Kg	2	56	190
Pyrene	820	ug/Kg	2	71	240
Benzo[e]pyrene	440	ug/Kg	2	76	250
2-Fluorophenol (SURR**)	61%				
Phenol-d5 (SURR**)	69%				
Nitrobenzene-d5 (SURR**)	63%				
2-Fluorobiphenyl (SURR**)	57%				
2,4,6-Tribromophenol (SURR**)	75%				
Terphenyl-d14 (SURR**)	52%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370639 Soil, NSP-SE-11-1C-0505 Collected: 05/12/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	60%				
Phenol-d5 (SURR**)	64%				
Nitrobenzene-d5 (SURR**)	63%				
2-Fluorobiphenyl (SURR**)	67%				
2,4,6-Tribromophenol (SURR**)	84%				
Terphenyl-d14 (SURR**)	56%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**

Project Description: Ashland NSP/Lakefront 25688375

Project Title: **Template:**

Sample: 370640 Soil, NSP-SE-2-2B-0505 Collected: 05/12/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	[57]	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	[65]	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	[66]	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	55%				
Phenol-d5 (SURR**)	61%				
Nitrobenzene-d5 (SURR**)	59%				
2-Fluorobiphenyl (SURR**)	61%				
2,4,6-Tribromophenol (SURR**)	78%				
Terphenyl-d14 (SURR**)	52%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370641 Soil, NSP-SE-9-1B-0505 Collected: 05/12/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	[85]	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	[78]	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	61%				
Phenol-d5 (SURR**)	66%				
Nitrobenzene-d5 (SURR**)	63%				
2-Fluorobiphenyl (SURR**)	66%				
2,4,6-Tribromophenol (SURR**)	85%				
Terphenyl-d14 (SURR**)	58%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370642 Soil, NSP-SE-26-1A-0505 Collected: 05/13/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	63%				
Phenol-d5 (SURR**)	67%				
Nitrobenzene-d5 (SURR**)	64%				
2-Fluorobiphenyl (SURR**)	68%				
2,4,6-Tribromophenol (SURR**)	84%				
Terphenyl-d14 (SURR**)	62%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370643 Soil, NSP-SE-10-2C-0505 Collected: 05/13/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	62%				
Phenol-d5 (SURR**)	67%				
Nitrobenzene-d5 (SURR**)	67%				
2-Fluorobiphenyl (SURR**)	64%				
2,4,6-Tribromophenol (SURR**)	84%				
Terphenyl-d14 (SURR**)	54%				

Additional non-target compounds present.
Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370644 Soil, NSP-SE-10-1A-0505 Collected: 05/13/05 Analyzed: 05/23/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	2	65	220
Acenaphthylene	ND	ug/Kg	2	61	200
Anthracene	ND	ug/Kg	2	77	260
Benzo[a]anthracene	ND	ug/Kg	2	68	230
Benzo[a]pyrene	ND	ug/Kg	2	68	230
Benzo[b]fluoranthene	ND	ug/Kg	2	75	250
Benzo[g,h,i]perylene	ND	ug/Kg	2	65	220
Benzo[k]fluoranthene	ND	ug/Kg	2	76	250
Chrysene	ND	ug/Kg	2	71	240
Dibenzo[a,h]anthracene	ND	ug/Kg	2	68	230
Dibenzofuran	ND	ug/Kg	2	63	210
Fluoranthene	ND	ug/Kg	2	75	250
Fluorene	ND	ug/Kg	2	65	220
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	2	62	210
1-Methylnaphthalene	ND	ug/Kg	2	63	210
2-Methylnaphthalene	ND	ug/Kg	2	62	210
2-Methylphenol	ND	ug/Kg	2	52	170
3 & 4-Methylphenol	680	ug/Kg	2	110	390
Naphthalene	ND	ug/Kg	2	61	200
Phenanthrene	ND	ug/Kg	2	73	240
Phenol	ND	ug/Kg	2	56	190
Pyrene	ND	ug/Kg	2	71	240
Benzo[e]pyrene	ND	ug/Kg	2	76	250
2-Fluorophenol (SURR**)	62%				
Phenol-d5 (SURR**)	69%				
Nitrobenzene-d5 (SURR**)	64%				
2-Fluorobiphenyl (SURR**)	69%				
2,4,6-Tribromophenol (SURR**)	78%				
Terphenyl-d14 (SURR**)	59%				

Diluted due to sample matrix in order to prevent further instrument contamination.
Reanalysis at a lower dilution is not possible due to sample matrix.
Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370645 Soil, NSP-SE-5-2A-0505 Collected: 05/13/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	61%				
Phenol-d5 (SURR**)	65%				
Nitrobenzene-d5 (SURR**)	63%				
2-Fluorobiphenyl (SURR**)	66%				
2,4,6-Tribromophenol (SURR**)	82%				
Terphenyl-d14 (SURR**)	58%				

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370646 Soil, NSP-SE-13-1A-0505 Collected: 05/13/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	60%				
Phenol-d5 (SURR**)	65%				
Nitrobenzene-d5 (SURR**)	63%				
2-Fluorobiphenyl (SURR**)	63%				
2,4,6-Tribromophenol (SURR**)	82%				
Terphenyl-d14 (SURR**)	58%				

Additional non-target compounds present.
Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370647 Soil, NSP-SE-15-1A-0505 Collected: 05/13/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	63%				
Phenol-d5 (SURR**)	67%				
Nitrobenzene-d5 (SURR**)	63%				
2-Fluorobiphenyl (SURR**)	65%				
2,4,6-Tribromophenol (SURR**)	82%				
Terphenyl-d14 (SURR**)	57%				

Additional non-target compounds present.
Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370648 Soil, NSP-SE-4-1A-0505 Collected: 05/13/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	480	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	61%				
Phenol-d5 (SURR**)	65%				
Nitrobenzene-d5 (SURR**)	63%				
2-Fluorobiphenyl (SURR**)	55%				
2,4,6-Tribromophenol (SURR**)	80%				
Terphenyl-d14 (SURR**)	49%				

Additional non-target compounds present.
Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370649 Soil, NSP-SE-25-1A-0505 Collected: 05/13/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	190	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	60%				
Phenol-d5 (SURR**)	65%				
Nitrobenzene-d5 (SURR**)	62%				
2-Fluorobiphenyl (SURR**)	65%				
2,4,6-Tribromophenol (SURR**)	83%				
Terphenyl-d14 (SURR**)	60%				

Additional non-target compounds present.
Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370650 Soil, NSP-SE-5-1B-0505 Collected: 05/13/05 Analyzed: 05/22/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	64%				
Phenol-d5 (SURR**)	69%				
Nitrobenzene-d5 (SURR**)	65%				
2-Fluorobiphenyl (SURR**)	70%				
2,4,6-Tribromophenol (SURR**)	86%				
Terphenyl-d14 (SURR**)	63%				

Additional non-target compounds present.
Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

ANALYTICAL RESULTS: Semi-Volatile Organic Compounds by EPA 8270C - Soil

Customer: URS Corporation (Milwaukee) **NLS Project: 89476**
Project Description: Ashland NSP/Lakefront 25688375
Project Title: **Template:**

Sample: 370651 Soil, NSP-SE-4-2B-0505 Collected: 05/13/05 Analyzed: 05/23/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/Kg	1	32	110
Acenaphthylene	ND	ug/Kg	1	31	100
Anthracene	ND	ug/Kg	1	38	130
Benzo[a]anthracene	ND	ug/Kg	1	34	110
Benzo[a]pyrene	ND	ug/Kg	1	34	110
Benzo[b]fluoranthene	ND	ug/Kg	1	38	130
Benzo[g,h,i]perylene	ND	ug/Kg	1	33	110
Benzo[k]fluoranthene	ND	ug/Kg	1	38	130
Chrysene	ND	ug/Kg	1	36	120
Dibenzo[a,h]anthracene	ND	ug/Kg	1	34	110
Dibenzofuran	ND	ug/Kg	1	32	110
Fluoranthene	ND	ug/Kg	1	37	120
Fluorene	ND	ug/Kg	1	32	110
Indeno[1,2,3-cd]pyrene	ND	ug/Kg	1	31	100
1-Methylnaphthalene	ND	ug/Kg	1	32	110
2-Methylnaphthalene	ND	ug/Kg	1	31	100
2-Methylphenol	ND	ug/Kg	1	26	87
3 & 4-Methylphenol	ND	ug/Kg	1	55	190
Naphthalene	ND	ug/Kg	1	31	100
Phenanthrene	ND	ug/Kg	1	37	120
Phenol	ND	ug/Kg	1	28	94
Pyrene	ND	ug/Kg	1	36	120
Benzo[e]pyrene	ND	ug/Kg	1	38	130
2-Fluorophenol (SURR**)	64%				
Phenol-d5 (SURR**)	67%				
Nitrobenzene-d5 (SURR**)	65%				
2-Fluorobiphenyl (SURR**)	67%				
2,4,6-Tribromophenol (SURR**)	86%				
Terphenyl-d14 (SURR**)	58%				

Additional non-target compounds present.

Laboratory control spike, laboratory control spike duplicate, and matrix spike recoveries for 1-Methylnaphthalene were below QC limits.

** Surrogates are used to evaluate a method's Quality Control.

Appendix B

Interim Treatment System
Laboratory Reporting Forms

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 89466
NLS Customer: 91206

Client: **URS Corporation (Milwaukee)**
Attn: Paul Sklar
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 **Phone: 414 831 4100**

Project: **Xcel Energy-Ashland Remediation**

Influent NLS ID: 370578
Ref. Line 1 COC 79477 Influent Matrix: GW
Collected: 05/12/05 00:00 Received: 05/13/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					05/16/05	SW846 8260	721026460

Pre Carbon NLS ID: 370579
Ref. Line 2 COC 79477 Pre Carbon Matrix: GW
Collected: 05/12/05 00:00 Received: 05/13/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					05/16/05	SW846 8260	721026460

Effluent NLS ID: 370580
Ref. Line 3 COC 79477 Effluent Matrix: GW
Collected: 05/12/05 00:00 Received: 05/13/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					05/16/05	SW846 8260	721026460

Trip Blank NLS ID: 370581
Ref. Line COC 79477 Trip Blank Matrix: TB
Collected: 05/12/05 00:00 Received: 05/13/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					05/16/05	SW846 8260	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples

Reviewed by: _____

Authorized by:
R. T. Krueger
President

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: URS Corporation (Milwaukee) **NLS Project: 89466**

Project Description: Xcel Energy-Ashland Remediation

Project Title: **Template: SATW** **Printed: 06/09/2005 09:21**

Sample: 370578 Influent Collected: 05/12/05 Analyzed: 05/16/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	850	ug/L	500	150	480
Bromobenzene	ND	ug/L	500	52	180
Bromochloromethane	ND	ug/L	500	130	440
Bromodichloromethane	ND	ug/L	500	160	530
Bromoform	ND	ug/L	500	140	460
Bromomethane	ND	ug/L	500	190	650
n-Butylbenzene	ND	ug/L	500	160	520
sec-Butylbenzene	ND	ug/L	500	160	550
tert-Butylbenzene	ND	ug/L	500	150	520
Carbon Tetrachloride	ND	ug/L	500	150	490
Chlorobenzene	ND	ug/L	500	100	350
Chloroethane	ND	ug/L	500	850	2800
Chloroform	ND	ug/L	500	150	490
Chloromethane	ND	ug/L	500	120	380
2-Chlorotoluene	ND	ug/L	500	200	660
4-Chlorotoluene	ND	ug/L	500	180	610
Dibromochloromethane	ND	ug/L	500	150	490
1,2-Dibromo-3-Chloropropane	ND	ug/L	500	170	550
1,2-Dibromoethane	ND	ug/L	500	150	500
Dibromomethane	ND	ug/L	500	160	530
1,2-Dichlorobenzene	ND	ug/L	500	140	460
1,3-Dichlorobenzene	ND	ug/L	500	120	390
1,4-Dichlorobenzene	ND	ug/L	500	120	390
Dichlorodifluoromethane	ND	ug/L	500	89	320
1,1-Dichloroethane	ND	ug/L	500	150	500
1,2-Dichloroethane	ND	ug/L	500	170	570
1,1-Dichloroethene	ND	ug/L	500	210	680
cis-1,2-Dichloroethene	ND	ug/L	500	200	670
trans-1,2-Dichloroethene	ND	ug/L	500	170	580
1,2-Dichloropropane	ND	ug/L	500	170	580
1,3-Dichloropropane	ND	ug/L	500	170	560
2,2-Dichloropropane	ND	ug/L	500	220	730
1,1-Dichloropropene	ND	ug/L	500	160	540
cis-1,3-Dichloropropene	ND	ug/L	500	130	450
trans-1,3-Dichloropropene	ND	ug/L	500	160	540
Ethylbenzene	ND	ug/L	500	130	430
Hexachlorobutadiene	ND	ug/L	500	210	690
Isopropylbenzene	ND	ug/L	500	180	610
p-Isopropyltoluene	ND	ug/L	500	150	510
Methylene chloride	ND	ug/L	500	210	710
Naphthalene	3900	ug/L	500	200	650
n-Propylbenzene	ND	ug/L	500	170	560
ortho-Xylene	ND	ug/L	500	130	440
Styrene	[240]	ug/L	500	160	530
1,1,1,2-Tetrachloroethane	ND	ug/L	500	140	470
1,1,2,2-Tetrachloroethane	ND	ug/L	500	160	550
Tetrachloroethene	ND	ug/L	500	150	510
Toluene	620	ug/L	500	170	560

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: URS Corporation (Milwaukee) **NLS Project: 89466**

Project Description: Xcel Energy-Ashland Remediation

Project Title: **Template: SATW** **Printed: 06/09/2005 09:21**

Sample: 370578 Influent Collected: 05/12/05 Analyzed: 05/16/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
1,2,3-Trichlorobenzene	ND	ug/L	500	180	610
1,2,4-Trichlorobenzene	ND	ug/L	500	180	610
1,1,1-Trichloroethane	ND	ug/L	500	130	440
1,1,2-Trichloroethane	ND	ug/L	500	210	700
Trichloroethene	ND	ug/L	500	120	410
Trichlorofluoromethane	ND	ug/L	500	190	640
1,2,3-Trichloropropane	ND	ug/L	500	220	730
1,2,4-Trimethylbenzene	ND	ug/L	500	150	510
1,3,5-Trimethylbenzene	ND	ug/L	500	200	650
Vinyl chloride	ND	ug/L	500	53	190
meta,para-Xylene	ND	ug/L	500	310	1000
MTBE	ND	ug/L	500	150	510
Isopropyl Ether	ND	ug/L	500	180	590
Dibromofluoromethane (SURR**)	105%				
Toluene-d8 (SURR**)	114%				
1-Bromo-4-Fluorobenzene (SURR**)	103%				

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: URS Corporation (Milwaukee) **NLS Project: 89466**

Project Description: Xcel Energy-Ashland Remediation

Project Title: **Template: SATW** **Printed: 06/09/2005 09:21**

Sample: 370579 Pre Carbon Collected: 05/12/05 Analyzed: 05/16/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	79	ug/L	12.5	3.6	12
Bromobenzene	ND	ug/L	12.5	1.3	4.6
Bromochloromethane	ND	ug/L	12.5	3.3	11
Bromodichloromethane	ND	ug/L	12.5	4.0	13
Bromoform	ND	ug/L	12.5	3.4	11
Bromomethane	ND	ug/L	12.5	4.9	16
n-Butylbenzene	ND	ug/L	12.5	3.9	13
sec-Butylbenzene	ND	ug/L	12.5	4.1	14
tert-Butylbenzene	ND	ug/L	12.5	3.9	13
Carbon Tetrachloride	ND	ug/L	12.5	3.7	12
Chlorobenzene	ND	ug/L	12.5	2.6	8.7
Chloroethane	ND	ug/L	12.5	21	71
Chloroform	ND	ug/L	12.5	3.7	12
Chloromethane	ND	ug/L	12.5	3.0	9.4
2-Chlorotoluene	ND	ug/L	12.5	4.9	16
4-Chlorotoluene	ND	ug/L	12.5	4.6	15
Dibromochloromethane	ND	ug/L	12.5	3.6	12
1,2-Dibromo-3-Chloropropane	ND	ug/L	12.5	4.1	14
1,2-Dibromoethane	ND	ug/L	12.5	3.8	13
Dibromomethane	ND	ug/L	12.5	4.0	13
1,2-Dichlorobenzene	ND	ug/L	12.5	3.5	12
1,3-Dichlorobenzene	ND	ug/L	12.5	2.9	9.8
1,4-Dichlorobenzene	ND	ug/L	12.5	2.9	9.7
Dichlorodifluoromethane	ND	ug/L	12.5	2.2	7.9
1,1-Dichloroethane	ND	ug/L	12.5	3.7	12
1,2-Dichloroethane	ND	ug/L	12.5	4.2	14
1,1-Dichloroethene	ND	ug/L	12.5	5.1	17
cis-1,2-Dichloroethene	ND	ug/L	12.5	5.0	17
trans-1,2-Dichloroethene	ND	ug/L	12.5	4.3	14
1,2-Dichloropropane	ND	ug/L	12.5	4.4	15
1,3-Dichloropropane	ND	ug/L	12.5	4.2	14
2,2-Dichloropropane	ND	ug/L	12.5	5.5	18
1,1-Dichloropropene	ND	ug/L	12.5	4.0	13
cis-1,3-Dichloropropene	ND	ug/L	12.5	3.4	11
trans-1,3-Dichloropropene	ND	ug/L	12.5	4.0	13
Ethylbenzene	ND	ug/L	12.5	3.3	11
Hexachlorobutadiene	ND	ug/L	12.5	5.2	17
Isopropylbenzene	ND	ug/L	12.5	4.6	15
p-Isopropyltoluene	ND	ug/L	12.5	3.8	13
Methylene chloride	ND	ug/L	12.5	5.3	18
Naphthalene	160	ug/L	12.5	4.9	16
n-Propylbenzene	ND	ug/L	12.5	4.2	14
ortho-Xylene	[8.7]	ug/L	12.5	3.3	11
Styrene	25	ug/L	12.5	4.0	13
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	3.5	12
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	4.1	14
Tetrachloroethene	ND	ug/L	12.5	3.8	13
Toluene	57	ug/L	12.5	4.2	14

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: URS Corporation (Milwaukee) **NLS Project: 89466**

Project Description: Xcel Energy-Ashland Remediation

Project Title: **Template: SATW** **Printed: 06/09/2005 09:21**

Sample: 370579 Pre Carbon Collected: 05/12/05 Analyzed: 05/16/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
1,2,3-Trichlorobenzene	ND	ug/L	12.5	4.6	15
1,2,4-Trichlorobenzene	ND	ug/L	12.5	4.6	15
1,1,1-Trichloroethane	ND	ug/L	12.5	3.3	11
1,1,2-Trichloroethane	ND	ug/L	12.5	5.2	17
Trichloroethene	ND	ug/L	12.5	3.1	10
Trichlorofluoromethane	ND	ug/L	12.5	4.8	16
1,2,3-Trichloropropane	ND	ug/L	12.5	5.4	18
1,2,4-Trimethylbenzene	[4.7]	ug/L	12.5	3.8	13
1,3,5-Trimethylbenzene	ND	ug/L	12.5	4.9	16
Vinyl chloride	ND	ug/L	12.5	1.3	4.7
meta,para-Xylene	[15]	ug/L	12.5	7.7	26
MTBE	ND	ug/L	12.5	3.8	13
Isopropyl Ether	ND	ug/L	12.5	4.4	15
Dibromofluoromethane (SURR**)	107%				
Toluene-d8 (SURR**)	111%				
1-Bromo-4-Fluorobenzene (SURR**)	106%				

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: URS Corporation (Milwaukee) **NLS Project: 89466**

Project Description: Xcel Energy-Ashland Remediation

Project Title: **Template: SATW** **Printed: 06/09/2005 09:21**

Sample: 370580 Effluent Collected: 05/12/05 Analyzed: 05/16/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	ND	ug/L	1	0.29	0.97
Bromobenzene	ND	ug/L	1	0.10	0.37
Bromochloromethane	ND	ug/L	1	0.27	0.89
Bromodichloromethane	ND	ug/L	1	0.32	1.1
Bromoform	ND	ug/L	1	0.28	0.92
Bromomethane	ND	ug/L	1	0.39	1.3
n-Butylbenzene	ND	ug/L	1	0.31	1.0
sec-Butylbenzene	ND	ug/L	1	0.33	1.1
tert-Butylbenzene	ND	ug/L	1	0.31	1.0
Carbon Tetrachloride	ND	ug/L	1	0.30	0.98
Chlorobenzene	ND	ug/L	1	0.21	0.70
Chloroethane	ND	ug/L	1	1.7	5.7
Chloroform	ND	ug/L	1	0.30	0.99
Chloromethane	ND	ug/L	1	0.24	0.75
2-Chlorotoluene	ND	ug/L	1	0.39	1.3
4-Chlorotoluene	ND	ug/L	1	0.37	1.2
Dibromochloromethane	ND	ug/L	1	0.29	0.97
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.33	1.1
1,2-Dibromoethane	ND	ug/L	1	0.30	1.0
Dibromomethane	ND	ug/L	1	0.32	1.1
1,2-Dichlorobenzene	ND	ug/L	1	0.28	0.93
1,3-Dichlorobenzene	ND	ug/L	1	0.24	0.79
1,4-Dichlorobenzene	ND	ug/L	1	0.23	0.78
Dichlorodifluoromethane	ND	ug/L	1	0.18	0.63
1,1-Dichloroethane	ND	ug/L	1	0.30	0.99
1,2-Dichloroethane	ND	ug/L	1	0.34	1.1
1,1-Dichloroethene	ND	ug/L	1	0.41	1.4
cis-1,2-Dichloroethene	ND	ug/L	1	0.40	1.3
trans-1,2-Dichloroethene	ND	ug/L	1	0.35	1.2
1,2-Dichloropropane	ND	ug/L	1	0.35	1.2
1,3-Dichloropropane	ND	ug/L	1	0.34	1.1
2,2-Dichloropropane	ND	ug/L	1	0.44	1.5
1,1-Dichloropropene	ND	ug/L	1	0.32	1.1
cis-1,3-Dichloropropene	ND	ug/L	1	0.27	0.89
trans-1,3-Dichloropropene	ND	ug/L	1	0.32	1.1
Ethylbenzene	ND	ug/L	1	0.26	0.87
Hexachlorobutadiene	ND	ug/L	1	0.41	1.4
Isopropylbenzene	ND	ug/L	1	0.36	1.2
p-Isopropyltoluene	ND	ug/L	1	0.30	1.0
Methylene chloride	ND	ug/L	1	0.43	1.4
Naphthalene	[1.0]	ug/L	1	0.39	1.3
n-Propylbenzene	ND	ug/L	1	0.34	1.1
ortho-Xylene	ND	ug/L	1	0.27	0.89
Styrene	ND	ug/L	1	0.32	1.1
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.28	0.94
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.33	1.1
Tetrachloroethene	ND	ug/L	1	0.31	1.0
Toluene	ND	ug/L	1	0.34	1.1

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: URS Corporation (Milwaukee) **NLS Project: 89466**

Project Description: Xcel Energy-Ashland Remediation

Project Title: **Template: SATW** **Printed: 06/09/2005 09:21**

Sample: 370580 Effluent Collected: 05/12/05 Analyzed: 05/16/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
1,2,3-Trichlorobenzene	ND	ug/L	1	0.36	1.2
1,2,4-Trichlorobenzene	ND	ug/L	1	0.37	1.2
1,1,1-Trichloroethane	ND	ug/L	1	0.27	0.88
1,1,2-Trichloroethane	ND	ug/L	1	0.42	1.4
Trichloroethene	ND	ug/L	1	0.25	0.82
Trichlorofluoromethane	ND	ug/L	1	0.38	1.3
1,2,3-Trichloropropane	ND	ug/L	1	0.44	1.5
1,2,4-Trimethylbenzene	ND	ug/L	1	0.31	1.0
1,3,5-Trimethylbenzene	ND	ug/L	1	0.39	1.3
Vinyl chloride	ND	ug/L	1	0.11	0.38
meta,para-Xylene	ND	ug/L	1	0.62	2.1
MTBE	ND	ug/L	1	0.31	1.0
Isopropyl Ether	ND	ug/L	1	0.35	1.2
Dibromofluoromethane (SURR**)	108%				
Toluene-d8 (SURR**)	111%				
1-Bromo-4-Fluorobenzene (SURR**)	103%				

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: URS Corporation (Milwaukee) **NLS Project: 89466**

Project Description: Xcel Energy-Ashland Remediation

Project Title: **Template: SATW** **Printed: 06/09/2005 09:21**

Sample: 370581 Trip Blank Collected: 05/12/05 Analyzed: 05/16/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	ND	ug/L	1	0.29	0.97
Bromobenzene	ND	ug/L	1	0.10	0.37
Bromochloromethane	ND	ug/L	1	0.27	0.89
Bromodichloromethane	ND	ug/L	1	0.32	1.1
Bromoform	ND	ug/L	1	0.28	0.92
Bromomethane	ND	ug/L	1	0.39	1.3
n-Butylbenzene	ND	ug/L	1	0.31	1.0
sec-Butylbenzene	ND	ug/L	1	0.33	1.1
tert-Butylbenzene	ND	ug/L	1	0.31	1.0
Carbon Tetrachloride	ND	ug/L	1	0.30	0.98
Chlorobenzene	ND	ug/L	1	0.21	0.70
Chloroethane	ND	ug/L	1	1.7	5.7
Chloroform	ND	ug/L	1	0.30	0.99
Chloromethane	ND	ug/L	1	0.24	0.75
2-Chlorotoluene	ND	ug/L	1	0.39	1.3
4-Chlorotoluene	ND	ug/L	1	0.37	1.2
Dibromochloromethane	ND	ug/L	1	0.29	0.97
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.33	1.1
1,2-Dibromoethane	ND	ug/L	1	0.30	1.0
Dibromomethane	ND	ug/L	1	0.32	1.1
1,2-Dichlorobenzene	ND	ug/L	1	0.28	0.93
1,3-Dichlorobenzene	ND	ug/L	1	0.24	0.79
1,4-Dichlorobenzene	ND	ug/L	1	0.23	0.78
Dichlorodifluoromethane	ND	ug/L	1	0.18	0.63
1,1-Dichloroethane	ND	ug/L	1	0.30	0.99
1,2-Dichloroethane	ND	ug/L	1	0.34	1.1
1,1-Dichloroethene	ND	ug/L	1	0.41	1.4
cis-1,2-Dichloroethene	ND	ug/L	1	0.40	1.3
trans-1,2-Dichloroethene	ND	ug/L	1	0.35	1.2
1,2-Dichloropropane	ND	ug/L	1	0.35	1.2
1,3-Dichloropropane	ND	ug/L	1	0.34	1.1
2,2-Dichloropropane	ND	ug/L	1	0.44	1.5
1,1-Dichloropropene	ND	ug/L	1	0.32	1.1
cis-1,3-Dichloropropene	ND	ug/L	1	0.27	0.89
trans-1,3-Dichloropropene	ND	ug/L	1	0.32	1.1
Ethylbenzene	ND	ug/L	1	0.26	0.87
Hexachlorobutadiene	ND	ug/L	1	0.41	1.4
Isopropylbenzene	ND	ug/L	1	0.36	1.2
p-Isopropyltoluene	ND	ug/L	1	0.30	1.0
Methylene chloride	ND	ug/L	1	0.43	1.4
Naphthalene	ND	ug/L	1	0.39	1.3
n-Propylbenzene	ND	ug/L	1	0.34	1.1
ortho-Xylene	ND	ug/L	1	0.27	0.89
Styrene	ND	ug/L	1	0.32	1.1
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.28	0.94
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.33	1.1
Tetrachloroethene	ND	ug/L	1	0.31	1.0
Toluene	ND	ug/L	1	0.34	1.1

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2000)

Customer: URS Corporation (Milwaukee) **NLS Project: 89466**

Project Description: Xcel Energy-Ashland Remediation

Project Title: **Template: SATW** **Printed: 06/09/2005 09:21**

Sample: 370581 Trip Blank Collected: 05/12/05 Analyzed: 05/16/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
1,2,3-Trichlorobenzene	ND	ug/L	1	0.36	1.2
1,2,4-Trichlorobenzene	ND	ug/L	1	0.37	1.2
1,1,1-Trichloroethane	ND	ug/L	1	0.27	0.88
1,1,2-Trichloroethane	ND	ug/L	1	0.42	1.4
Trichloroethene	ND	ug/L	1	0.25	0.82
Trichlorofluoromethane	ND	ug/L	1	0.38	1.3
1,2,3-Trichloropropane	ND	ug/L	1	0.44	1.5
1,2,4-Trimethylbenzene	ND	ug/L	1	0.31	1.0
1,3,5-Trimethylbenzene	ND	ug/L	1	0.39	1.3
Vinyl chloride	ND	ug/L	1	0.11	0.38
meta,para-Xylene	ND	ug/L	1	0.62	2.1
MTBE	ND	ug/L	1	0.31	1.0
Isopropyl Ether	ND	ug/L	1	0.35	1.2
Dibromofluoromethane (SURR**)	103%				
Toluene-d8 (SURR**)	107%				
1-Bromo-4-Fluorobenzene (SURR**)	98%				

** Surrogates are used to evaluate a method's Quality Control.

TestAmerica
ANALYTICAL TESTING CORPORATION 704 ENTERPRISE DRIVE · CEDAR FALLS, IA 50613 · 319-277-2401 · 800-750-2401 · FAX 319-277-2425

ANALYTICAL REPORT

Paul Sklar
URS CORPORATION
10200 Innovation Dr.
Suite 500
Milwaukee, WI 53226

05/25/2005

TestAmerica Job: 05.06145

Project Number: New Fields = URS
Project: Xcel Energy-Ashland

Enclosed is the Analytical Reports for the following samples submitted to the Cedar Falls Division of TestAmerica Analytical Testing Corporation for analysis.

Sample Number	Sample Description	Date Taken	Date Received
865575	Air Stripper	05/12/2005	05/16/2005
865576	1st Stage Carbon	05/12/2005	05/16/2005
865577	Air Effluent	05/12/2005	05/16/2005

TestAmerica Analytical Testing Corporation AIHA Lab Accreditation Number 285

Laboratory Director - Michael K. McGee, CIH

TestAmerica Analytical Testing Corporation certifies that the analytical results contained herein apply only to the specific samples analyzed.

Brian C. Graettinger
Operations Manager

TestAmerica
ANALYTICAL TESTING CORPORATION 704 ENTERPRISE DRIVE · CEDAR FALLS, IA 50613 · 319-277-2401 · 800-750-2401 · FAX 319-277-2425

ANALYTICAL REPORT

Paul Sklar
URS CORPORATION
10200 Innovation Dr.
Suite 500
Milwaukee, WI 53226

05/25/2005

Date Received: 05/16/2005

URS/XCEL ENERGY
CC:DAVE TRAINOR NEWFIELDS CC: BEN NELSON URS-MILWAUKEE

Job Number: 05.06145

	Result	Units	Result Flag	Date Taken	Date Analyzed	Analyst	Analysis Method	Quantitation Limit
865575 Air Stripper								
Air Volume	3.0	Liters		05/12/2005	05/25/2005	bcg		
Benzene (UST)	<0.020	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.020
Benzene	<6.67	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
Ethyl Benzene (UST)	<0.020	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.020
Ethylbenzene	<6.67	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
Hydrocarbons, Total (UST)	<0.030	mg		05/12/2005	05/24/2005	jlc	NIOSH 1550	0.030
Hydrocarbons, Total	<10.0	mg/m3		05/12/2005	05/25/2005	bcg	N1550	
Toluene (UST)	<0.020	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.020
Toluene	<6.67	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
Xylenes, Total (UST)	<0.030	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.030
Xylenes, Total	<10.0	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
865576 1st Stage Carbon								
Air Volume	3.0	Liters		05/12/2005	05/25/2005	bcg		
Benzene (UST)	0.039	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.020
Benzene	13.0	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
Ethyl Benzene (UST)	<0.020	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.020
Ethylbenzene	<6.67	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
Hydrocarbons, Total (UST)	0.097	mg		05/12/2005	05/24/2005	jlc	NIOSH 1550	0.030
Hydrocarbons, Total	32.3	mg/m3		05/12/2005	05/25/2005	bcg	N1550	
Toluene (UST)	<0.020	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.020

TOTAL HYDROCARBONS QUANTIFIED AS: Gasoline

Results are not blank corrected.

Results relate only to the items tested.

TestAmerica
ANALYTICAL TESTING CORPORATION 704 ENTERPRISE DRIVE · CEDAR FALLS, IA 50613 · 319-277-2401 · 800-750-2401 · FAX 319-277-2425

ANALYTICAL REPORT

Paul Sklar
URS CORPORATION
10200 Innovation Dr.
Suite 500
Milwaukee, WI 53226

05/25/2005

Date Received: 05/16/2005

URS/XCEL ENERGY
CC:DAVE TRAINOR NEWFIELDS CC: BEN NELSON URS-MILWAUKEE

Job Number: 05.06145

	Result	Units	Result Flag	Date Taken	Date Analyzed	Analyst	Analysis Method	Quantitation Limit
865576 1st Stage Carbon								
Toluene	<6.67	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
Xylenes, Total (UST)	<0.030	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.030
Xylenes, Total	<10.0	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
865577 Air Effluent								
Air Volume	5.0	Liters		05/12/2005	05/25/2005	bcg		
Benzene (UST)	0.072	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.020
Benzene	14.4	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
Ethyl Benzene (UST)	<0.020	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.020
Ethylbenzene	<4.00	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
Hydrocarbons, Total (UST)	0.182	mg		05/12/2005	05/24/2005	jlc	NIOSH 1550	0.030
Hydrocarbons, Total	36.4	mg/m3		05/12/2005	05/25/2005	bcg	N1550	
Toluene (UST)	0.029	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.020
Toluene	5.80	mg/m3		05/12/2005	05/25/2005	bcg	N1501	
Xylenes, Total (UST)	<0.030	mg		05/12/2005	05/24/2005	jlc	NIOSH 1501	0.030
Xylenes, Total	<6.00	mg/m3		05/12/2005	05/25/2005	bcg	N1501	

TOTAL HYDROCARBONS QUANTIFIED AS: Gasoline

Results are not blank corrected.

Results relate only to the items tested.

Appendix C

April 2005 Air Sampling
Laboratory Reporting Forms

SEVERN TRENT STL

STL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921

Tel: 865 291 3000 Fax: 865 584 4315
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 25688375

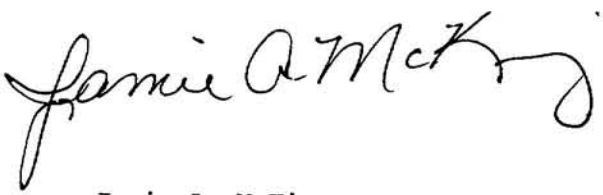
Ashland NSP Lakefront

Lot #: H5D200132

Susanne F. Tomajko

URS Corporation
122 South Michigan Avenue
Chicago, IL 60603

SEVERN TRENT LABORATORIES, INC.



Jamie A. McKinney
Project Manager

May 5, 2005

SAMPLE SUMMARY

H5D200132

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G8PN8	001	NS-GSVP10-0405	04/18/05	12:50
G8PPD	002	NS-GSUPWIND-0405	04/18/05	17:17
G8PPE	003	NS-GSINDOOR-0405	04/19/05	12:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

URS Corporation

Client Sample ID: NS-GSVP10-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-001 **Work Order #...:** G8PN81AA **Matrix.....:** AA
Date Sampled...: 04/18/05 **Date Received..:** 04/20/05
Prep Date.....: 05/02/05 **Analysis Date..:** 05/03/05
Prep Batch #...: 5123200
Dilution Factor: 1.3 **Method.....:** EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**1.7**	**0.26**	**ppb(v/v)**
Benzyl chloride	ND	0.26	ppb(v/v)
Bromomethane	ND	0.26	ppb(v/v)
Carbon tetrachloride	**0.34**	**0.26**	**ppb(v/v)**
Chlorobenzene	ND	0.26	ppb(v/v)
Chloroethane	ND	0.26	ppb(v/v)
Chloroform	ND	0.26	ppb(v/v)
Chloromethane	ND	0.65	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	0.26	ppb(v/v)
1,2-Dichlorobenzene	ND	0.26	ppb(v/v)
1,3-Dichlorobenzene	ND	0.26	ppb(v/v)
1,4-Dichlorobenzene	**2.3**	**0.26**	**ppb(v/v)**
Dichlorodifluoromethane	**0.89**	**0.26**	**ppb(v/v)**
1,1-Dichloroethane	ND	0.26	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.26	ppb(v/v)
1,1-Dichloroethene	ND	0.26	ppb(v/v)
1,2-Dichloropropane	ND	0.26	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.26	ppb(v/v)
trans-1,3-Dichloropropene	ND	0.26	ppb(v/v)
Ethylbenzene	**0.68**	**0.26**	**ppb(v/v)**
Hexachlorobutadiene	ND	1.3	ppb(v/v)
Methylene chloride	ND	0.65	ppb(v/v)
Styrene	ND	0.26	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	0.26	ppb(v/v)
Toluene	**3.8**	**0.26**	**ppb(v/v)**
1,2,4-Trichloro-benzene	ND	1.3	ppb(v/v)
1,1,1-Trichloroethane	ND	0.26	ppb(v/v)
1,1,2-Trichloroethane	ND	0.26	ppb(v/v)
Trichloroethene	ND	0.26	ppb(v/v)
Trichlorofluoromethane	**0.40**	**0.26**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**0.70**	**0.26**	**ppb(v/v)**
1,3,5-Trimethylbenzene	ND	0.26	ppb(v/v)
Vinyl chloride	ND	0.26	ppb(v/v)
m-Xylene & p-Xylene	**2.3**	**0.26**	**ppb(v/v)**
o-Xylene	**0.77**	**0.26**	**ppb(v/v)**
1,2-Dichloroethane	ND	0.26	ppb(v/v)

(Continued on next page)

URS Corporation

Client Sample ID: NS-GSVP10-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-001 **Work Order #...:** G8PN81AA **Matrix.....:** AA

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	137 *	(70 - 130)
Toluene-d8	103	(70 - 130)
4-Bromofluorobenzene	123	(70 - 130)

NOTE(S):

* Surrogate recovery is outside stated control limits.

URS Corporation

Client Sample ID: NS-GSVP10-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-001 **Work Order #...:** G8PN82AA **Matrix.....:** AA
Date Sampled...: 04/18/05 **Date Received..:** 04/20/05
Prep Date.....: 05/03/05 **Analysis Date..:** 05/03/05
Prep Batch #...: 5124042
Dilution Factor: 1.3 **Method.....:** EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**1.7**	**0.26**	**ppb(v/v)**
Benzyl chloride	ND	0.26	ppb(v/v)
Bromomethane	ND	0.26	ppb(v/v)
Carbon tetrachloride	ND	0.26	ppb(v/v)
Chlorobenzene	ND	0.26	ppb(v/v)
Chloroethane	ND	0.26	ppb(v/v)
Chloroform	ND	0.26	ppb(v/v)
Chloromethane	ND	0.65	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	0.26	ppb(v/v)
1,2-Dichlorobenzene	ND	0.26	ppb(v/v)
1,3-Dichlorobenzene	ND	0.26	ppb(v/v)
1,4-Dichlorobenzene	**2.1**	**0.26**	**ppb(v/v)**
Dichlorodifluoromethane	**0.53**	**0.26**	**ppb(v/v)**
1,1-Dichloroethane	ND	0.26	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.26	ppb(v/v)
1,1-Dichloroethene	ND	0.26	ppb(v/v)
1,2-Dichloropropane	ND	0.26	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.26	ppb(v/v)
trans-1,3-Dichloropropene	ND	0.26	ppb(v/v)
Ethylbenzene	**0.67**	**0.26**	**ppb(v/v)**
Hexachlorobutadiene	ND	1.3	ppb(v/v)
Methylene chloride	ND	0.65	ppb(v/v)
Styrene	ND	0.26	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	0.26	ppb(v/v)
Toluene	**3.8**	**0.26**	**ppb(v/v)**
1,2,4-Trichloro-benzene	ND	1.3	ppb(v/v)
1,1,1-Trichloroethane	ND	0.26	ppb(v/v)
1,1,2-Trichloroethane	ND	0.26	ppb(v/v)
Trichloroethene	ND	0.26	ppb(v/v)
Trichlorofluoromethane	**0.26**	**0.26**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**0.64**	**0.26**	**ppb(v/v)**
1,3,5-Trimethylbenzene	ND	0.26	ppb(v/v)
Vinyl chloride	ND	0.26	ppb(v/v)
m-Xylene & p-Xylene	**2.2**	**0.26**	**ppb(v/v)**
o-Xylene	**0.71**	**0.26**	**ppb(v/v)**
1,2-Dichloroethane	ND	0.26	ppb(v/v)

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URS Corporation

Client Sample ID: NS-GSVP10-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-001 **Work Order #...:** G8PN82AA **Matrix.....:** AA

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(70 - 130)
Toluene-d8	104	(70 - 130)
4-Bromofluorobenzene	100	(70 - 130)

URS Corporation

Client Sample ID: NS-GSUPWIND-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-002 **Work Order #...:** G8PPD1AA **Matrix.....:** AA
Date Sampled...: 04/18/05 **Date Received..:** 04/20/05
Prep Date.....: 05/02/05 **Analysis Date..:** 05/03/05
Prep Batch #...: 5123200
Dilution Factor: 1.52 **Method.....:** EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.30	ppb(v/v)
Benzyl chloride	ND	0.30	ppb(v/v)
Bromomethane	ND	0.30	ppb(v/v)
Carbon tetrachloride	ND	0.30	ppb(v/v)
Chlorobenzene	ND	0.30	ppb(v/v)
Chloroethane	ND	0.30	ppb(v/v)
Chloroform	ND	0.30	ppb(v/v)
Chloromethane	ND	0.76	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	0.30	ppb(v/v)
1,2-Dichlorobenzene	ND	0.30	ppb(v/v)
1,3-Dichlorobenzene	ND	0.30	ppb(v/v)
1,4-Dichlorobenzene	ND	0.30	ppb(v/v)
Dichlorodifluoromethane	**0.70**	**0.30**	**ppb(v/v)**
1,1-Dichloroethane	ND	0.30	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.30	ppb(v/v)
1,1-Dichloroethene	ND	0.30	ppb(v/v)
1,2-Dichloropropane	ND	0.30	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.30	ppb(v/v)
trans-1,3-Dichloropropene	ND	0.30	ppb(v/v)
Ethylbenzene	ND	0.30	ppb(v/v)
Hexachlorobutadiene	ND	1.5	ppb(v/v)
Methylene chloride	ND	0.76	ppb(v/v)
Styrene	ND	0.30	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	0.30	ppb(v/v)
Toluene	**0.38**	**0.30**	**ppb(v/v)**
1,2,4-Trichloro-benzene	ND	1.5	ppb(v/v)
1,1,1-Trichloroethane	ND	0.30	ppb(v/v)
1,1,2-Trichloroethane	ND	0.30	ppb(v/v)
Trichloroethene	ND	0.30	ppb(v/v)
Trichlorofluoromethane	**0.34**	**0.30**	**ppb(v/v)**
1,2,4-Trimethylbenzene	ND	0.30	ppb(v/v)
1,3,5-Trimethylbenzene	ND	0.30	ppb(v/v)
Vinyl chloride	ND	0.30	ppb(v/v)
m-Xylene & p-Xylene	ND	0.30	ppb(v/v)
o-Xylene	ND	0.30	ppb(v/v)
1,2-Dichloroethane	ND	0.30	ppb(v/v)

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URS Corporation

Client Sample ID: NS-GSUPWIND-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-002 Work Order #...: G8PPD1AA Matrix.....: AA

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	147 *	(70 - 130)
Toluene-d8	110	(70 - 130)
4-Bromofluorobenzene	112	(70 - 130)

NOTE(S):

* Surrogate recovery is outside stated control limits.

URS Corporation

Client Sample ID: NS-GSUPWIND-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-002 **Work Order #...:** G8PPD2AA **Matrix.....:** AA
Date Sampled...: 04/18/05 **Date Received..:** 04/20/05
Prep Date.....: 05/03/05 **Analysis Date..:** 05/03/05
Prep Batch #...: 5124042
Dilution Factor: 1.52 **Method.....:** EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.30	ppb(v/v)
Benzyl chloride	ND	0.30	ppb(v/v)
Bromomethane	ND	0.30	ppb(v/v)
Carbon tetrachloride	ND	0.30	ppb(v/v)
Chlorobenzene	ND	0.30	ppb(v/v)
Chloroethane	ND	0.30	ppb(v/v)
Chloroform	ND	0.30	ppb(v/v)
Chloromethane	**1.1**	**0.76**	**ppb(v/v)**
1,2-Dibromoethane (EDB)	ND	0.30	ppb(v/v)
1,2-Dichlorobenzene	ND	0.30	ppb(v/v)
1,3-Dichlorobenzene	ND	0.30	ppb(v/v)
1,4-Dichlorobenzene	**0.34**	**0.30**	**ppb(v/v)**
Dichlorodifluoromethane	**0.87**	**0.30**	**ppb(v/v)**
1,1-Dichloroethane	ND	0.30	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.30	ppb(v/v)
1,1-Dichloroethene	ND	0.30	ppb(v/v)
1,2-Dichloropropane	ND	0.30	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.30	ppb(v/v)
trans-1,3-Dichloropropene	ND	0.30	ppb(v/v)
Ethylbenzene	ND	0.30	ppb(v/v)
Hexachlorobutadiene	ND	1.5	ppb(v/v)
Methylene chloride	ND	0.76	ppb(v/v)
Styrene	ND	0.30	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	0.30	ppb(v/v)
Toluene	**0.45**	**0.30**	**ppb(v/v)**
1,2,4-Trichloro-benzene	ND	1.5	ppb(v/v)
1,1,1-Trichloroethane	ND	0.30	ppb(v/v)
1,1,2-Trichloroethane	ND	0.30	ppb(v/v)
Trichloroethene	ND	0.30	ppb(v/v)
Trichlorofluoromethane	ND	0.30	ppb(v/v)
1,2,4-Trimethylbenzene	ND	0.30	ppb(v/v)
1,3,5-Trimethylbenzene	ND	0.30	ppb(v/v)
Vinyl chloride	ND	0.30	ppb(v/v)
m-Xylene & p-Xylene	ND	0.30	ppb(v/v)
o-Xylene	ND	0.30	ppb(v/v)
1,2-Dichloroethane	ND	0.30	ppb(v/v)

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URS Corporation

Client Sample ID: NS-GSUPWIND-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-002 **Work Order #...:** G8PPD2AA **Matrix.....:** AA

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	138 *	(70 - 130)
Toluene-d8	104	(70 - 130)
4-Bromofluorobenzene	109	(70 - 130)

NOTE(S):

* Surrogate recovery is outside stated control limits.

URS Corporation

Client Sample ID: NS-GSINDOOR-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-003	Work Order #...: G8PPE1AA	Matrix.....: AA
Date Sampled...: 04/19/05	Date Received..: 04/20/05	
Prep Date.....: 05/02/05	Analysis Date..: 05/03/05	
Prep Batch #...: 5123200		
Dilution Factor: 1.54	Method.....: EPA-2 TO-15	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**12**	**0.31**	**ppb(v/v)**
Benzyl chloride	ND	0.31	ppb(v/v)
Bromomethane	ND	0.31	ppb(v/v)
Carbon tetrachloride	**1.7**	**0.31**	**ppb(v/v)**
Chlorobenzene	ND	0.31	ppb(v/v)
Chloroethane	ND	0.31	ppb(v/v)
Chloroform	ND	0.31	ppb(v/v)
Chloromethane	**1.3**	**0.77**	**ppb(v/v)**
1,2-Dibromoethane (EDB)	ND	0.31	ppb(v/v)
1,2-Dichlorobenzene	ND	0.31	ppb(v/v)
1,3-Dichlorobenzene	ND	0.31	ppb(v/v)
1,4-Dichlorobenzene	**6.9**	**0.31**	**ppb(v/v)**
Dichlorodifluoromethane	**1.1**	**0.31**	**ppb(v/v)**
1,1-Dichloroethane	ND	0.31	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.31	ppb(v/v)
1,1-Dichloroethene	ND	0.31	ppb(v/v)
1,2-Dichloropropane	ND	0.31	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.31	ppb(v/v)
trans-1,3-Dichloropropene	ND	0.31	ppb(v/v)
Ethylbenzene	**6.2**	**0.31**	**ppb(v/v)**
Hexachlorobutadiene	ND	1.5	ppb(v/v)
Methylene chloride	**1.4**	**0.77**	**ppb(v/v)**
Styrene	ND	0.31	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	0.31	ppb(v/v)
Toluene	**27**	**0.31**	**ppb(v/v)**
1,2,4-Trichloro-benzene	ND	1.5	ppb(v/v)
1,1,1-Trichloroethane	**2.3**	**0.31**	**ppb(v/v)**
1,1,2-Trichloroethane	ND	0.31	ppb(v/v)
Trichloroethene	**0.59**	**0.31**	**ppb(v/v)**
Trichlorofluoromethane	**0.47**	**0.31**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**0.81**	**0.31**	**ppb(v/v)**
1,3,5-Trimethylbenzene	ND	0.31	ppb(v/v)
Vinyl chloride	ND	0.31	ppb(v/v)
m-Xylene & p-Xylene	**17**	**0.31**	**ppb(v/v)**
o-Xylene	**4.3**	**0.31**	**ppb(v/v)**
1,2-Dichloroethane	ND	0.31	ppb(v/v)

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URS Corporation

Client Sample ID: NS-GSINDOOR-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-003 **Work Order #...:** G8PPE1AA **Matrix.....:** AA

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	142 *	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	126	(70 - 130)

NOTE(S):

* Surrogate recovery is outside stated control limits.

URS Corporation

Client Sample ID: NS-GSINDOOR-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-003 **Work Order #...:** G8PPE2AA **Matrix.....:** AA
Date Sampled...: 04/19/05 **Date Received..:** 04/20/05
Prep Date.....: 05/02/05 **Analysis Date..:** 05/03/05
Prep Batch #...: 5123200
Dilution Factor: 1.54 **Method.....:** EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**12**	**0.31**	**ppb(v/v)**
Benzyl chloride	ND	0.31	ppb(v/v)
Bromomethane	ND	0.31	ppb(v/v)
Carbon tetrachloride	**1.7**	**0.31**	**ppb(v/v)**
Chlorobenzene	ND	0.31	ppb(v/v)
Chloroethane	ND	0.31	ppb(v/v)
Chloroform	ND	0.31	ppb(v/v)
Chloromethane	**1.2**	**0.77**	**ppb(v/v)**
1,2-Dibromoethane (EDB)	ND	0.31	ppb(v/v)
1,2-Dichlorobenzene	ND	0.31	ppb(v/v)
1,3-Dichlorobenzene	ND	0.31	ppb(v/v)
1,4-Dichlorobenzene	**6.9**	**0.31**	**ppb(v/v)**
Dichlorodifluoromethane	**0.98**	**0.31**	**ppb(v/v)**
1,1-Dichloroethane	ND	0.31	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.31	ppb(v/v)
1,1-Dichloroethene	ND	0.31	ppb(v/v)
1,2-Dichloropropane	ND	0.31	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.31	ppb(v/v)
trans-1,3-Dichloropropene	ND	0.31	ppb(v/v)
Ethylbenzene	**6.1**	**0.31**	**ppb(v/v)**
Hexachlorobutadiene	ND	1.5	ppb(v/v)
Methylene chloride	**1.5**	**0.77**	**ppb(v/v)**
Styrene	ND	0.31	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	0.31	ppb(v/v)
Toluene	**28**	**0.31**	**ppb(v/v)**
1,2,4-Trichloro-benzene	ND	1.5	ppb(v/v)
1,1,1-Trichloroethane	**2.2**	**0.31**	**ppb(v/v)**
1,1,2-Trichloroethane	ND	0.31	ppb(v/v)
Trichloroethene	**0.56**	**0.31**	**ppb(v/v)**
Trichlorofluoromethane	**0.47**	**0.31**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**0.80**	**0.31**	**ppb(v/v)**
1,3,5-Trimethylbenzene	ND	0.31	ppb(v/v)
Vinyl chloride	ND	0.31	ppb(v/v)
m-Xylene & p-Xylene	**17**	**0.31**	**ppb(v/v)**
o-Xylene	**4.2**	**0.31**	**ppb(v/v)**
1,2-Dichloroethane	ND	0.31	ppb(v/v)

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URS Corporation

Client Sample ID: NS-GSINDOOR-0405

GC/MS Volatiles

Lot-Sample #...: H5D200132-003 **Work Order #...:** G8PPE2AA **Matrix.....:** AA

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	134 *	(70 - 130)
Toluene-d8	103	(70 - 130)
4-Bromofluorobenzene	117	(70 - 130)

NOTE(S):

* Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H5D200132 **Work Order #...:** G9N6M1AA **Matrix.....:** AIR
MB Lot-Sample #: H5E030000-200

Prep Date.....: 05/02/05
Analysis Date..: 05/02/05 **Prep Batch #...:** 5123200
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1-Dichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1-Dichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
cis-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Trichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Vinyl chloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Benzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Benzyl chloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Bromomethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Carbon tetrachloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloroform	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloromethane	ND	0.50	ppb(v/v)	EPA-2 TO-15
1,2-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,3-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,4-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Dichlorodifluoromethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloropropane	ND	0.20	ppb(v/v)	EPA-2 TO-15
cis-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-2 TO-15
trans-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Ethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Trichlorofluoromethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Hexachlorobutadiene	ND	1.0	ppb(v/v)	EPA-2 TO-15
Methylene chloride	ND	0.50	ppb(v/v)	EPA-2 TO-15
Styrene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,2,2-Tetrachloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Toluene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2,4-Trichloro-benzene	ND	1.0	ppb(v/v)	EPA-2 TO-15
1,1,2-Trichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2,4-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,3,5-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
o-Xylene	ND	0.20	ppb(v/v)	EPA-2 TO-15
m-Xylene & p-Xylene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dibromoethane (EDB)	ND	0.20	ppb(v/v)	EPA-2 TO-15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(70 - 130)

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H5D200132 **Work Order #...:** G9N6M1AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Toluene-d8	101	(70 - 130)		
4-Bromofluorobenzene	102	(70 - 130)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H5D200132 **Work Order #...:** G9N6M1AC **Matrix.....:** AIR
LCS Lot-Sample#: H5E030000-200
Prep Date.....: 05/02/05 **Analysis Date..:** 05/02/05
Prep Batch #...: 5123200
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**104**	**(70 - 130)**	**EPA-2 TO-15**
Benzene	**97**	**(70 - 130)**	**EPA-2 TO-15**
Trichloroethene	**109**	**(70 - 130)**	**EPA-2 TO-15**
Toluene	**95**	**(70 - 130)**	**EPA-2 TO-15**
Chlorobenzene	**95**	**(70 - 130)**	**EPA-2 TO-15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(70 - 130)
Toluene-d8	98	(70 - 130)
4-Bromofluorobenzene	101	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H5D200132 **Work Order #...:** G9N6M1AC **Matrix.....:** AIR
LCS Lot-Sample#: H5E030000-200
Prep Date.....: 05/02/05 **Analysis Date..:** 05/02/05
Prep Batch #...: 5123200
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**10.4**	**ppb(v/v)**	**104**	**EPA-2 TO-15**
Benzene	**10.0**	**9.68**	**ppb(v/v)**	**97**	**EPA-2 TO-15**
Trichloroethene	**10.0**	**10.9**	**ppb(v/v)**	**109**	**EPA-2 TO-15**
Toluene	**10.0**	**9.54**	**ppb(v/v)**	**95**	**EPA-2 TO-15**
Chlorobenzene	**10.0**	**9.53**	**ppb(v/v)**	**95**	**EPA-2 TO-15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(70 - 130)
Toluene-d8	98	(70 - 130)
4-Bromofluorobenzene	101	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H5D200132 **Work Order #...:** G9Q611AA **Matrix.....:** AIR
MB Lot-Sample #: H5E040000-042

Prep Date.....: 05/03/05
Analysis Date..: 05/03/05 **Prep Batch #...:** 5124042
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Ethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Toluene	ND	0.20	ppb(v/v)	EPA-2 TO-15
o-Xylene	ND	0.20	ppb(v/v)	EPA-2 TO-15
m-Xylene & p-Xylene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1-Dichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1-Dichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
cis-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,2-Trichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Trichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Vinyl chloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Carbon tetrachloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloroform	ND	0.20	ppb(v/v)	EPA-2 TO-15
Methylene chloride	ND	0.50	ppb(v/v)	EPA-2 TO-15
Benzyl chloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Bromomethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloromethane	ND	0.50	ppb(v/v)	EPA-2 TO-15
1,2-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,3-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,4-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Dichlorodifluoromethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloropropane	ND	0.20	ppb(v/v)	EPA-2 TO-15
cis-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-2 TO-15
trans-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Trichlorofluoromethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Hexachlorobutadiene	ND	1.0	ppb(v/v)	EPA-2 TO-15
Styrene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,2,2-Tetrachloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2,4-Trichloro-benzene	ND	1.0	ppb(v/v)	EPA-2 TO-15
1,2,4-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,3,5-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dibromoethane (EDB)	ND	0.20	ppb(v/v)	EPA-2 TO-15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(70 - 130)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H5D200132 **Work Order #...:** G9Q611AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Toluene-d8	103	(70 - 130)		
4-Bromofluorobenzene	99	(70 - 130)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H5D200132 **Work Order #...:** G9Q611AC **Matrix.....:** AIR
LCS Lot-Sample#: H5E040000-042
Prep Date.....: 05/03/05 **Analysis Date..:** 05/03/05
Prep Batch #...: 5124042
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**112**	**(70 - 130)**	**EPA-2 TO-15**
Benzene	**102**	**(70 - 130)**	**EPA-2 TO-15**
Trichloroethene	**112**	**(70 - 130)**	**EPA-2 TO-15**
Toluene	**92**	**(70 - 130)**	**EPA-2 TO-15**
Chlorobenzene	**90**	**(70 - 130)**	**EPA-2 TO-15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	100	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H5D200132 **Work Order #...:** G9Q611AC **Matrix.....:** AIR
LCS Lot-Sample#: H5E040000-042
Prep Date.....: 05/03/05 **Analysis Date..:** 05/03/05
Prep Batch #...: 5124042
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**11.2**	**ppb(v/v)**	**112**	**EPA-2 TO-15**
Benzene	**10.0**	**10.2**	**ppb(v/v)**	**102**	**EPA-2 TO-15**
Trichloroethene	**10.0**	**11.2**	**ppb(v/v)**	**112**	**EPA-2 TO-15**
Toluene	**10.0**	**9.21**	**ppb(v/v)**	**92**	**EPA-2 TO-15**
Chlorobenzene	**10.0**	**9.03**	**ppb(v/v)**	**90**	**EPA-2 TO-15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	100	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Sample Receipt Documentation

HSD200132

STL Knoxville

5815 Middlebrook Pike • Knoxville, TN 37921-5947
Phone: (865) 291-3000 • Fax: (865) 584-4315
Receiving: (865) 291-3031

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No.
Page 1 of 1

Project Name/No. [1] Ashland/NSF Lakefront 25685275
Sample Team Members [2] Derek Zuellner, Dale Rezabek
Profit Center No. [3] URS - Milwaukee
Project Manager [4] Paul Sklar
Purchase Order No. [6]
Required Report Date [11]

Samples Shipment Date [7] 4-19-05
Lab Destination [8] STL-Knoxville
Lab Contact [9] Jamie McKinney
Project Contact / Phone [12]
Carrier / Waybill No. [13]

Bill to: [5] Paul Sklar
URS
10200 Innovation Dr Ste 500
Milwaukee, WI 53226

Report to: [10]
Paul Sklar
cc: Dave Trainor (Newfields)

White: To accompany samples
Yellow: Field copy

ONE CONTAINER PER LINE

Sample [14] Number	Sample [15] Type	Date/Time [16] Collected	Container [17] Type	Sample [18] Volume	Pre- [19] servative	Requested Testing [20] Program	Condition on Receipt [21] Lab use only
NS-GSVP10-0405	Air	4-18-05 1250	Summa	6L		TO-15	Custody seals intact (Y) N NA
NS-GSupwind-0405	↓	4-18-05 1717	↓	↓		↓	Temperature received at Ambient
NS-GSIndoor-0405	↓	4-19-05 1245	↓	↓		↓	Received by ADF Date 042005
							Number of packages 1
							Tracking # 1Z89V6740100065103 ADF 042005
							3 cans 2 flows 3 filters

Special Instructions: [23]

Possible Hazard Identification: [24]
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☐ Archive (mos.)

Turnaround Time Required: [26]
Normal ☒ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by [28] (Signature / Affiliation) New Fields — Date: 4-19-05 Time: 1500

1. Received by [28] (Signature / Affiliation) Andrew D. Flores — Date: 04-20-05 Time: 10:00

1. Relinquished by (Signature / Affiliation) — Date: Time:

1. Received by (Signature / Affiliation) — Date: Time:

Comments: [29]

STL KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Client: URS **Project:** Ashland/NSP Lakefront **Lot Number:** H5D200132

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ **1a** Do not match COC ☐ **1b** Incomplete information ☐ **1c** Marking smeared ☐ **1d** Label torn ☐ **1e** No label ☐ **1f** COC not received ☐ **1g** Other:	
2. Is the cooler temperature within limits? (North Carolina, 1668, 1613B: 0-4°C; VOST: 10°C) (Cooler temp should be used only if no temp blank.)			✓	☐ **2a** Temp Blank = _____ ☐ **2b** Cooler Temp = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ **3a** Sample preservative =	
4. Were custody seals present/intact on cooler and/or containers?	✓			☐ **4a** Not present ☐ **4b** Not intact ☐ **4c** Other:	
5. Were all of the samples listed on the COC received?	✓			☐ **5a** Samples received-not on COC ☐ **5b** Samples not received-on COC	
6. Were all of the sample containers received intact?	✓			☐ **6a** Leaking ☐ **6b** Broken	
7. Were VOA samples received without headspace?			✓	☐ **7a** Headspace (VOA only)	
8. Were samples received in appropriate containers?	✓			☐ **8a** Improper container	
9. Did you check for residual chlorine, if necessary?			✓	☐ **9a** Could not be determined due to matrix interference	
10. Were samples received within holding time?	✓			☐ **10a** Holding time expired	
11. For rad samples, was sample activity info. provided?			✓	☐ Incomplete information	
12. For SOG water samples (1613B, 1668A, 8290, LR PAHs), do samples have visible solids present?			✓	If yes, was SOG notified? _____	
13. Are the shipping containers intact?	✓			☐ **13a** Leaking ☐ **13b** Other:	
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ **14a** Not relinquished by client	
15. Are tests/parameters listed for each sample?	✓			☐ **15a** Incomplete information	
16. Is the matrix of the samples noted?	✓			☐ **15a** Incomplete information	
17. Is the date/time of sample collection noted?	✓			☐ **15a** Incomplete information	
18. Is the client and project name/# identified?	✓			☐ **15a** Incomplete information	
19. Was the sampler identified on the COC?	✓				

Quote #: 603395 PM Instructions: _____

Sample Receiving Associate: Andrew D. Flores Date: 04-20-05

QA026R15.doc, 11/15/04