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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80014
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NSGWMW07A.0304 NLS ID: 333567
Ref. Line 5 COC 67982 NSGWMW07A.0304 Matrix: GW
Collected: 03/17/04 13:40 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	2100	ug/L	1	4.2	15	04/05/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[9]	ug/L	1	4.2	15	04/05/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/14/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[2.8]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	360	ug/L	1	2.5	5.0	04/05/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	340	ug/L	1	2.5	5.0	04/05/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/07/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/06/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/05/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/05/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	50000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	49000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/18/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	ND	ug/L	1	3.6*		04/06/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	2.6	ug/L	1	0.51	1.8	04/05/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	ND	ug/L	1	0.51	1.8	04/05/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	[1.1]	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	5.2	ug/L	1	1.3	4.0	04/05/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	04/05/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	[12]	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	1700	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	[74]	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	[2.7]	ug/L	1	0.87	3.0	04/05/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	[1.5]	ug/L	1	0.87	3.0	04/05/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	20000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	19000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	110	ug/L	1	1.0	2.0	04/05/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	64	ug/L	1	1.0	2.0	04/05/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	2.7	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	ND	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Potassium, dis. as K	4700	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	5300	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	[1.8]	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Sodium, dis. as Na	22000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	22000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460

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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80014
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NSGWMW07A.0304 NLS ID: 333567
Ref. Line 5 COC 67982 NSGWMW07A.0304 Matrix: GW
Collected: 03/17/04 13:40 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	4.4	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	18	ug/L	1	5.0	10	04/05/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	04/05/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/23/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/23/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/24/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/22/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/26/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) NLS Project: 80014

Project Description: Ashland/NSP Lakefront

Project Title: Template: 8270WNSP Printed: 03/31/2004 09:29

Sample: 333567 NSGWMW07A.0304 Collected: 03/17/04 Analyzed: 03/26/04

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	200	130	450
Acenaphthylene	[290]	ug/L	200	260	860
Anthracene	ND	ug/L	200	82	270
Benzo[a]anthracene	ND	ug/L	200	86	290
Benzo[a]pyrene	ND	ug/L	200	85	280
Benzo[b]fluoranthene	ND	ug/L	200	110	380
Benzo[g,h,i]perylene	ND	ug/L	200	180	580
Benzo[k]fluoranthene	ND	ug/L	200	180	600
Chrysene	ND	ug/L	200	230	740
Dibenzo[a,h]anthracene	ND	ug/L	200	110	370
Dibenzofuran	ND	ug/L	200	260	880
Fluoranthene	ND	ug/L	200	83	270
Fluorene	ND	ug/L	200	120	410
Indeno[1,2,3-cd]pyrene	ND	ug/L	200	110	360
1-Methylnaphthalene	700	ug/L	200	150	510
2-Methylnaphthalene	1100	ug/L	200	150	510
2-Methylphenol	[370]	ug/L	200	240	810
3 & 4-Methylphenol	[460]	ug/L	200	250	840
Naphthalene	4600	ug/L	200	150	490
Phenanthrene	ND	ug/L	200	82	270
Phenol	ND	ug/L	200	100	340
Pyrene	ND	ug/L	200	200	620
Benzo[e]pyrene	ND	ug/L	200	1000	1000
2-Fluorophenol (SURR**)	33%				
Phenol-d5 (SURR**)	25%				
Nitrobenzene-d5 (SURR**)	92%				
2-Fluorobiphenyl (SURR**)	98%				
2,4,6-Tribromophenol (SURR**)	66%				
Terphenyl-d14 (SURR**)	115%				

Lab control spike had low recoveries for 2-Methlyphenol and 3 & 4-Methylphenol. MS/MSD were not quantifiable for this batch due to the sample needing a large dilution.

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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034
Printed: 04/16/04 Code: S

NLS Project: 80073
NLS Customer: 91206

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/ NSP Lakefront

NS-GWMW08A.0304 NLS ID: 333831
Ref. Line 3 COC 67815 NS-GWMW08A.0304 Matrix: GW
Collected: 03/19/04 11:00 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	2300	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[10]	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/14/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	[4.1]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	910	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	900	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	[0.34]	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	200000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	200000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/19/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	7.9	ug/L	1	3.6*		04/13/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	7.9	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	ND	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	2.7	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	[1.6]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	21	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	[7.0]	ug/L	1	5.0	15	03/23/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	7000	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	2800	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	5.9	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	[1.4]	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	28000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	28000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	1600	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	1600	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	7.0	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[1.9]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Potassium, dis. as K	51000	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	51000	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/03/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Sodium, dis. as Na	1500000	ug/L	100	12000	44000	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	1600000	ug/L	10	120	440	03/31/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	[4.0]	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	[6.4]	ug/L	1	2.5	8.7	04/13/04	SW846 7841	721026460

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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80073
NLS Customer: 91206
Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/ NSP Lakefront

NS-GWMW08A.0304 NLS ID: 333831
Ref. Line 3 COC 67815 NS-GWMW08A.0304 Matrix: GW
Collected: 03/19/04 11:00 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	11	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	2.4	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	140	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	11	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/25/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/25/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/29/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/24/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/30/04	SW846 8270C	721026460

NS-AQTRPBLNK.0304 NLS ID: 333832
Ref. Line 4 COC 67815 NS-AQTRPBLNK.0304 Matrix: TB
Collected: 03/19/04 00:00 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					03/29/04	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 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: [signature]

Authorized by:
R. T. Krueger
President

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

Customer: URS Corporation (Milwaukee) **NLS Project: 80073**
Project Description: Ashland/ NSP Lakefront
Project Title: **Template: 8270WNSP** **Printed: 04/02/2004 12:02**

Sample: 333831 **NS-GWMW08A.0304** **Collected: 03/19/04** **Analyzed: 03/30/04**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	2.5	1.7	5.6
Acenaphthylene	ND	ug/L	2.5	3.2	11
Anthracene	ND	ug/L	2.5	1.0	3.4
Benzo[a]anthracene	ND	ug/L	2.5	1.1	3.6
Benzo[a]pyrene	ND	ug/L	2.5	1.1	3.5
Benzo[b]fluoranthene	ND	ug/L	2.5	1.4	4.7
Benzo[g,h,i]perylene	ND	ug/L	2.5	2.3	7.3
Benzo[k]fluoranthene	ND	ug/L	2.5	2.3	7.5
Chrysene	ND	ug/L	2.5	2.9	9.2
Dibenzo[a,h]anthracene	ND	ug/L	2.5	1.4	4.6
Dibenzofuran	ND	ug/L	2.5	3.3	11
Fluoranthene	ND	ug/L	2.5	1.0	3.4
Fluorene	ND	ug/L	2.5	1.5	5.1
Indeno[1,2,3-cd]pyrene	ND	ug/L	2.5	1.4	4.5
1-Methylnaphthalene	ND	ug/L	2.5	1.9	6.4
2-Methylnaphthalene	ND	ug/L	2.5	1.9	6.4
2-Methylphenol	28	ug/L	2.5	3.0	10
3 & 4-Methylphenol	[8.2]	ug/L	2.5	3.2	11
Naphthalene	ND	ug/L	2.5	1.8	6.1
Phenanthrene	ND	ug/L	2.5	1.0	3.4
Phenol	9.5	ug/L	2.5	1.3	4.2
Pyrene	ND	ug/L	2.5	2.4	7.8
Benzo[e]pyrene	ND	ug/L	2.5	13	13
2-Fluorophenol (SURR**)	28%				
Phenol-d5 (SURR**)	20%				
Nitrobenzene-d5 (SURR**)	88%				
2-Fluorobiphenyl (SURR**)	89%				
2,4,6-Tribromophenol (SURR**)	38%				
Terphenyl-d14 (SURR**)	117%				

Surrogate recovery was outside QC limits for 2-Fluorophenol and 2,4,6-Tribromophenol due to sample matrix.

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

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ANALYTICAL REPORT

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EPA Laboratory ID No. WI00034

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 79922
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW09A, 0304 NLS ID: 333220
Ref. Line 5 COC 67976 NS-GWMW09A, 0304 Matrix: GW
Collected: 03/15/04 13:30 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	570	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[7.0]	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/13/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	[4.2]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[4.3]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	68	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	61	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	22000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	22000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/16/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	ND	ug/L	1	3.6*		04/02/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	[1.7]	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	ND	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	[2.3]	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	ND	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	560	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	[33]	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	9.1	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	7100	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	7000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	62	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	56	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	[1.2]	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[0.68]	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Potassium, dis. as K	3400	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Potassium, tot. as K	2700	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Sodium, dis. as Na	18000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Sodium, tot. as Na	14000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Project: Ashland/NSP Lakefront

NLS Project: 79922
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

NS-GWMW09A, 0304 NLS ID: 333220
Ref. Line 5 COC 67976 NS-GWMW09A, 0304 Matrix: GW
Collected: 03/15/04 13:30 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	[0.89]	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	20	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/17/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/17/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/23/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/17/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/25/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) NLS Project: 79922

Project Description: Ashland/NSP Lakefront

Project Title: Template: 8270WNSP Printed: 04/14/2004 13:05

Sample: 333220 NS-GWMW09A, 0304 Collected: 03/15/04 Analyzed: 03/25/04

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	43	ug/L	10	6.7	22
Acenaphthylene	[29]	ug/L	10	13	43
Anthracene	38	ug/L	10	4.1	14
Benzo[a]anthracene	19	ug/L	10	4.3	14
Benzo[a]pyrene	16	ug/L	10	4.2	14
Benzo[b]fluoranthene	[9.0]	ug/L	10	5.6	19
Benzo[g,h,i]perylene	ND	ug/L	10	9.1	29
Benzo[k]fluoranthene	ND	ug/L	10	9.0	30
Chrysene	[18]	ug/L	10	12	37
Dibenzo[a,h]anthracene	ND	ug/L	10	5.6	19
Dibenzofuran	ND	ug/L	10	13	44
Fluoranthene	43	ug/L	10	4.2	14
Fluorene	41	ug/L	10	6.1	20
Indeno[1,2,3-cd]pyrene	ND	ug/L	10	5.4	18
1-Methylnaphthalene	130	ug/L	10	7.6	25
2-Methylnaphthalene	200	ug/L	10	7.6	25
2-Methylphenol	ND	ug/L	10	12	40
3 & 4-Methylphenol	ND	ug/L	10	13	42
Naphthalene	350	ug/L	10	7.3	24
Phenanthrene	120	ug/L	10	4.1	14
Phenol	ND	ug/L	10	5.1	17
Pyrene	60	ug/L	10	9.8	31
Benzo[e]pyrene	ND	ug/L	10	50	50
2-Fluorophenol (SURR**)	29%				
Phenol-d5 (SURR**)	21%				
Nitrobenzene-d5 (SURR**)	89%				
2-Fluorobiphenyl (SURR**)	94%				
2,4,6-Tribromophenol (SURR**)	63%				
Terphenyl-d14 (SURR**)	63%				

Surrogate recovery was outside QC limits for Fluorophenol due to sample matrix.

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

NLS Project: 79922
NLS Customer: 91206

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW09A Dup, 0304 NLS ID: 333221
Ref. Line 6 COC 67976 NS-GWMW09A Dup, 0304 Matrix: GW
Collected: 03/15/04 13:45 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	530	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[5.0]	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/13/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	[4.6]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	68	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	61	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	23000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	22000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/16/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	ND	ug/L	1	3.6*		04/02/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	[1.4]	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	ND	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	[3.5]	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	ND	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	570	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	6.5	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	7400	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	6900	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	63	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	56	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	[1.6]	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Potassium, dis. as K	4600	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Potassium, tot. as K	3000	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Sodium, dis. as Na	23000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Sodium, tot. as Na	15000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	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: 79922
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Project: Ashland/NSP Lakefront

NS-GWMW09A Dup, 0304 NLS ID: 333221
Ref. Line 6 COC 67976 NS-GWMW09A Dup, 0304 Matrix: GW
Collected: 03/15/04 13:45 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	[0.98]	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	21	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/17/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/17/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/23/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/17/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/25/04	SW846 8270C	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 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 - Water

Customer: URS Corporation (Milwaukee) NLS Project: 79922

Project Description: Ashland/NSP Lakefront

Project Title: Template: 8270WNSP Printed: 04/14/2004 13:05

Sample: 333221 NS-GWMW09A Dup, 0304 Collected: 03/15/04 Analyzed: 03/25/04

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	3.8	ug/L	1	0.67	2.2
Acenaphthylene	[1.5]	ug/L	1	1.3	4.3
Anthracene	[1.2]	ug/L	1	0.41	1.4
Benzo[a]anthracene	ND	ug/L	1	0.43	1.4
Benzo[a]pyrene	ND	ug/L	1	0.42	1.4
Benzo[b]fluoranthene	ND	ug/L	1	0.56	1.9
Benzo[g,h,i]perylene	ND	ug/L	1	0.91	2.9
Benzo[k]fluoranthene	ND	ug/L	1	0.90	3.0
Chrysene	ND	ug/L	1	1.2	3.7
Dibenzo[a,h]anthracene	ND	ug/L	1	0.56	1.9
Dibenzofuran	ND	ug/L	1	1.3	4.4
Fluoranthene	[1.1]	ug/L	1	0.42	1.4
Fluorene	2.1	ug/L	1	0.61	2.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	1	0.54	1.8
1-Methylnaphthalene	10	ug/L	1	0.76	2.5
2-Methylnaphthalene	15	ug/L	1	0.76	2.5
2-Methylphenol	ND	ug/L	1	1.2	4.0
3 & 4-Methylphenol	ND	ug/L	1	1.3	4.2
Naphthalene	37	ug/L	1	0.73	2.4
Phenanthrene	4.8	ug/L	1	0.41	1.4
Phenol	ND	ug/L	1	0.51	1.7
Pyrene	[1.5]	ug/L	1	0.98	3.1
Benzo[e]pyrene	ND	ug/L	1	5.0	5.0
2-Fluorophenol (SURR**)	32%				
Phenol-d5 (SURR**)	22%				
Nitrobenzene-d5 (SURR**)	87%				
2-Fluorobiphenyl (SURR**)	82%				
2,4,6-Tribromophenol (SURR**)	87%				
Terphenyl-d14 (SURR**)	58%				

The results of this duplicate sampling do not match well with MW09A. These results agree with our screening results.

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

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: 79922
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Project: Ashland/NSP Lakefront

NS-GWMW09B, 0304 NLS ID: 333219
Ref. Line 4 COC 67976 NS-GWMW09B, 0304 Matrix: GW
Collected: 03/15/04 13:00 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	75	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	ND	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/13/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	[5.2]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	91	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	93	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	36000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	37000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/16/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	ND	ug/L	1	3.6*		04/02/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	[0.72]	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	ND	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	[7.0]	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	1100	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	960	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	8000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	8200	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	260	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	270	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	[0.70]	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Potassium, dis. as K	3300	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Potassium, tot. as K	4400	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Sodium, dis. as Na	18000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Sodium, tot. as Na	22000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	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
Printed: 04/14/04 Code: S

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Project: Ashland/NSP Lakefront

NLS Project: 79922
NLS Customer: 91206
Fax: 414 831 4101 Phone: 414 831 4100

NS-GWMW09B, 0304 NLS ID: 333219
Ref. Line 4 COC 67976 NS-GWMW09B, 0304 Matrix: GW
Collected: 03/15/04 13:00 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/17/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/17/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/23/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/17/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/25/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) **NLS Project: 79922**
Project Description: Ashland/NSP Lakefront
Project Title: **Template: 8270WNSP** **Printed: 04/14/2004 13:05**

Sample: 333219 **NS-GWMW09B, 0304** **Collected: 03/15/04** **Analyzed: 03/25/04**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	[26]	ug/L	25	17	56
Acenaphthylene	[80]	ug/L	25	32	110
Anthracene	[16]	ug/L	25	10	34
Benzo[a]anthracene	ND	ug/L	25	11	36
Benzo[a]pyrene	ND	ug/L	25	11	35
Benzo[b]fluoranthene	ND	ug/L	25	14	47
Benzo[g,h,i]perylene	ND	ug/L	25	23	73
Benzo[k]fluoranthene	ND	ug/L	25	23	75
Chrysene	ND	ug/L	25	29	92
Dibenzo[a,h]anthracene	ND	ug/L	25	14	46
Dibenzofuran	ND	ug/L	25	33	110
Fluoranthene	[14]	ug/L	25	10	34
Fluorene	[34]	ug/L	25	15	51
Indeno[1,2,3-cd]pyrene	ND	ug/L	25	14	45
1-Methylnaphthalene	250	ug/L	25	19	64
2-Methylnaphthalene	270	ug/L	25	19	64
2-Methylphenol	ND	ug/L	25	30	100
3 & 4-Methylphenol	ND	ug/L	25	32	110
Naphthalene	780	ug/L	25	18	61
Phenanthrene	56	ug/L	25	10	34
Phenol	ND	ug/L	25	13	42
Pyrene	ND	ug/L	25	24	78
Benzo[e]pyrene	ND	ug/L	25	130	130
2-Fluorophenol (SURR**)	37%				
Phenol-d5 (SURR**)	25%				
Nitrobenzene-d5 (SURR**)	91%				
2-Fluorobiphenyl (SURR**)	101%				
2,4,6-Tribromophenol (SURR**)	71%				
Terphenyl-d14 (SURR**)	66%				

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

NLS Project: 79922
NLS Customer: 91206

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW09C, 0304 NLS ID: 333218
Ref. Line 3 COC 67976 NS-GWMW09C, 0304 Matrix: GW
Collected: 03/15/04 12:45 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	[14]	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[5.0]	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/13/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	[4.5]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	57	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	57	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	[0.27]	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	28000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	28000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/16/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	ND	ug/L	1	3.6*		04/02/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	[0.84]	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[0.78]	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	ND	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	ND	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	7500	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	7600	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	65	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	65	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[0.81]	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Potassium, dis. as K	3400	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Potassium, tot. as K	3300	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Sodium, dis. as Na	18000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Sodium, tot. as Na	17000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 79922
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW09C, 0304 NLS ID: 333218
Ref. Line 3 COC 67976 NS-GWMW09C, 0304 Matrix: GW
Collected: 03/15/04 12:45 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/17/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/17/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/23/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/17/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/25/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) **NLS Project: 79922**
Project Description: Ashland/NSP Lakefront
Project Title: **Template: 8270WNSP** **Printed: 04/14/2004 13:05**

Sample: 333218 **NS-GWMW09C, 0304** **Collected: 03/15/04** **Analyzed: 03/25/04**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	20	13	45
Acenaphthylene	[36]	ug/L	20	26	86
Anthracene	ND	ug/L	20	8.2	27
Benzo[a]anthracene	ND	ug/L	20	8.6	29
Benzo[a]pyrene	ND	ug/L	20	8.5	28
Benzo[b]fluoranthene	ND	ug/L	20	11	38
Benzo[g,h,i]perylene	ND	ug/L	20	18	58
Benzo[k]fluoranthene	ND	ug/L	20	18	60
Chrysene	ND	ug/L	20	23	74
Dibenzo[a,h]anthracene	ND	ug/L	20	11	37
Dibenzofuran	ND	ug/L	20	26	88
Fluoranthene	ND	ug/L	20	8.3	27
Fluorene	ND	ug/L	20	12	41
Indeno[1,2,3-cd]pyrene	ND	ug/L	20	11	36
1-Methylnaphthalene	92	ug/L	20	15	51
2-Methylnaphthalene	130	ug/L	20	15	51
2-Methylphenol	ND	ug/L	20	24	81
3 & 4-Methylphenol	ND	ug/L	20	25	84
Naphthalene	660	ug/L	20	15	49
Phenanthrene	ND	ug/L	20	8.2	27
Phenol	ND	ug/L	20	10	34
Pyrene	ND	ug/L	20	20	62
Benzo[e]pyrene	ND	ug/L	20	100	100
2-Fluorophenol (SURR**)	34%				
Phenol-d5 (SURR**)	24%				
Nitrobenzene-d5 (SURR**)	86%				
2-Fluorobiphenyl (SURR**)	93%				
2,4,6-Tribromophenol (SURR**)	45%				
Terphenyl-d14 (SURR**)	63%				

Surrogate recovery was outside QC limits for 2,4,6-Tribromophenol due to sample matrix.

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: 80014
NLS Customer: 91206

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NSGWMW10A.0304 NLS ID: 333564
Ref. Line 2 COC 67982 NSGWMW10A.0304 Matrix: GW
Collected: 03/17/04 11:00 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	1200	ug/L	1	4.2	15	04/05/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[13]	ug/L	1	4.2	15	04/05/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/14/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	[4.6]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[5.5]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	210	ug/L	1	2.5	5.0	04/05/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	190	ug/L	1	2.5	5.0	04/05/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	[0.18]	ug/L	1	0.17	0.50	04/07/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/05/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/05/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/05/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	110000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	120000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	7.6	ug/L	1	3.6*		03/18/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3		NR	1	3.6*		04/06/04	Calc.	721026460
	No reportable value due to hexavalent chromium value exceeding that for total chromium.							
Chromium, tot. as Cr by ICP-Trace	4.5	ug/L	1	0.51	1.8	04/05/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	ND	ug/L	1	0.51	1.8	04/05/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	[1.6]	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	41	ug/L	1	1.3	4.0	04/05/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	04/05/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	ND	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	2300	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	[35]	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	8.0	ug/L	1	0.87	3.0	04/05/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	04/05/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	62000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	61000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	470	ug/L	1	1.0	2.0	04/05/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	200	ug/L	1	1.0	2.0	04/05/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	12	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[2.0]	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Potassium, dis. as K	7400	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	7600	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/06/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Sodium, dis. as Na	32000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	34000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034
Printed: 04/15/04 Code: S

NLS Project: 80014
NLS Customer: 91206

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NSGWMW10A.0304 NLS ID: 333564
Ref. Line 2 COC 67982 NSGWMW10A.0304 Matrix: GW
Collected: 03/17/04 11:00 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460
Vanadium, tot. as V by ICP-Trace	4.1	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	82	ug/L	1	5.0	10	04/05/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	17	ug/L	1	5.0	10	04/05/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/23/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/23/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/24/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/22/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/26/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) **NLS Project: 80014**
Project Description: Ashland/NSP Lakefront
Project Title: **Template: 8270WNSP** **Printed: 03/31/2004 09:29**

Sample: 333564 **NSGWMW10A.0304** **Collected: 03/17/04** **Analyzed: 03/26/04**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	1	0.67	2.2
Acenaphthylene	ND	ug/L	1	1.3	4.3
Anthracene	ND	ug/L	1	0.41	1.4
Benzo[a]anthracene	ND	ug/L	1	0.43	1.4
Benzo[a]pyrene	ND	ug/L	1	0.42	1.4
Benzo[b]fluoranthene	ND	ug/L	1	0.56	1.9
Benzo[g,h,i]perylene	ND	ug/L	1	0.91	2.9
Benzo[k]fluoranthene	ND	ug/L	1	0.90	3.0
Chrysene	ND	ug/L	1	1.2	3.7
Dibenzo[a,h]anthracene	ND	ug/L	1	0.56	1.9
Dibenzofuran	ND	ug/L	1	1.3	4.4
Fluoranthene	ND	ug/L	1	0.42	1.4
Fluorene	ND	ug/L	1	0.61	2.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	1	0.54	1.8
1-Methylnaphthalene	ND	ug/L	1	0.76	2.5
2-Methylnaphthalene	ND	ug/L	1	0.76	2.5
2-Methylphenol	ND	ug/L	1	1.2	4.0
3 & 4-Methylphenol	ND	ug/L	1	1.3	4.2
Naphthalene	ND	ug/L	1	0.73	2.4
Phenanthrene	ND	ug/L	1	0.41	1.4
Phenol	ND	ug/L	1	0.51	1.7
Pyrene	ND	ug/L	1	0.98	3.1
Benzo[e]pyrene	ND	ug/L	1	5.0	5.0
2-Fluorophenol (SURR**)	22%				
Phenol-d5 (SURR**)	18%				
Nitrobenzene-d5 (SURR**)	76%				
2-Fluorobiphenyl (SURR**)	68%				
2,4,6-Tribromophenol (SURR**)	58%				
Terphenyl-d14 (SURR**)	89%				

Surrogate recovery was outside QC limits for Fluorophenol and Phenol-d5.

Lab control spike had low recoveries for 2-Methlyphenol and 3 & 4-Methylphenol. MS/MSD were not quantifiable for this batch due to the sample needing a large dilution.

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80073
NLS Customer: 91206
Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/ NSP Lakefront

NS-GWMW13A.0304 NLS ID: 333830
Ref. Line 2 COC 67815 NS-GWMW13A.0304 Matrix: GW
Collected: 03/19/04 10:40 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	57	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[11]	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/14/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[3.5]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	110	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	110	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	92000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	95000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/19/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	ND	ug/L	1	3.6*		04/13/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	ND	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[0.59]	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	[7.0]	ug/L	1	5.0	15	03/23/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	1300	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	1300	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	[1.7]	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	52000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	54000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	290	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	300	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[1.8]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Potassium, dis. as K	7500	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	7100	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/03/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Sodium, dis. as Na	37000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	36000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/13/04	SW846 7841	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80073
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/ NSP Lakefront

NS-GWMW13A.0304 NLS ID: 333830
Ref. Line 2 COC 67815 NS-GWMW13A.0304 Matrix: GW
Collected: 03/19/04 10:40 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	[5.6]	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	[5.4]	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/25/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/25/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/29/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/24/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/30/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) **NLS Project: 80073**
Project Description: Ashland/ NSP Lakefront
Project Title: **Template: 8270WNSP** **Printed: 04/02/2004 12:02**

Sample: 333830 **NS-GWMW13A.0304** **Collected: 03/19/04** **Analyzed: 03/30/04**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	200	130	450
Acenaphthylene	[410]	ug/L	200	260	860
Anthracene	ND	ug/L	200	82	270
Benzo[a]anthracene	ND	ug/L	200	86	290
Benzo[a]pyrene	ND	ug/L	200	85	280
Benzo[b]fluoranthene	ND	ug/L	200	110	380
Benzo[g,h,i]perylene	ND	ug/L	200	180	580
Benzo[k]fluoranthene	ND	ug/L	200	180	600
Chrysene	ND	ug/L	200	230	740
Dibenzo[a,h]anthracene	ND	ug/L	200	110	370
Dibenzofuran	ND	ug/L	200	260	880
Fluoranthene	ND	ug/L	200	83	270
Fluorene	ND	ug/L	200	120	410
Indeno[1,2,3-cd]pyrene	ND	ug/L	200	110	360
1-Methylnaphthalene	960	ug/L	200	150	510
2-Methylnaphthalene	1400	ug/L	200	150	510
2-Methylphenol	810	ug/L	200	240	810
3 & 4-Methylphenol	950	ug/L	200	250	840
Naphthalene	7400	ug/L	200	150	490
Phenanthrene	ND	ug/L	200	82	270
Phenol	[130]	ug/L	200	100	340
Pyrene	ND	ug/L	200	200	620
Benzo[e]pyrene	ND	ug/L	200	1000	1000
2-Fluorophenol (SURR**)	46%				
Phenol-d5 (SURR**)	35%				
Nitrobenzene-d5 (SURR**)	99%				
2-Fluorobiphenyl (SURR**)	113%				
2,4,6-Tribromophenol (SURR**)	81%				
Terphenyl-d14 (SURR**)	152%				

Surrogate recovery was outside QC limits for 2-Fluorobiphenyl and Terphenyl-d14 due to sample matrix.

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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 79922
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW13C, 0304 NLS ID: 333216
Ref. Line 1 COC 67976 NS-GWMW13C, 0304 Matrix: GW
Collected: 03/15/04 11:00 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	41	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	18	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/13/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	[4.4]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	85	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	84	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	[0.39]	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	28000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	23000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/16/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	ND	ug/L	1	3.6*		04/02/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	[0.84]	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[0.81]	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	500	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	[1.9]	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	ND	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	[50]	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	3.6	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	[0.87]	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	8200	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	7100	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	85	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	13	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	2.7	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Potassium, dis. as K	3200	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Potassium, tot. as K	4600	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	[2.6]	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Sodium, dis. as Na	14000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Sodium, tot. as Na	27000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 79922
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW13C, 0304 NLS ID: 333216
Ref. Line 1 COC 67976 NS-GWMW13C, 0304 Matrix: GW
Collected: 03/15/04 11:00 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	26	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	25	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/17/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/17/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/23/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/17/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/25/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) **NLS Project: 79922**
Project Description: Ashland/NSP Lakefront
Project Title: **Template: 8270WNSP** **Printed: 04/14/2004 13:05**

Sample: 333216 **NS-GWMW13C, 0304** **Collected: 03/15/04** **Analyzed: 03/25/04**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	1	0.67	2.2
Acenaphthylene	ND	ug/L	1	1.3	4.3
Anthracene	ND	ug/L	1	0.41	1.4
Benzo[a]anthracene	ND	ug/L	1	0.43	1.4
Benzo[a]pyrene	ND	ug/L	1	0.42	1.4
Benzo[b]fluoranthene	ND	ug/L	1	0.56	1.9
Benzo[g,h,i]perylene	ND	ug/L	1	0.91	2.9
Benzo[k]fluoranthene	ND	ug/L	1	0.90	3.0
Chrysene	ND	ug/L	1	1.2	3.7
Dibenzo[a,h]anthracene	ND	ug/L	1	0.56	1.9
Dibenzofuran	ND	ug/L	1	1.3	4.4
Fluoranthene	ND	ug/L	1	0.42	1.4
Fluorene	ND	ug/L	1	0.61	2.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	1	0.54	1.8
1-Methylnaphthalene	ND	ug/L	1	0.76	2.5
2-Methylnaphthalene	ND	ug/L	1	0.76	2.5
2-Methylphenol	ND	ug/L	1	1.2	4.0
3 & 4-Methylphenol	ND	ug/L	1	1.3	4.2
Naphthalene	ND	ug/L	1	0.73	2.4
Phenanthrene	ND	ug/L	1	0.41	1.4
Phenol	ND	ug/L	1	0.51	1.7
Pyrene	ND	ug/L	1	0.98	3.1
Benzo[e]pyrene	ND	ug/L	1	5.0	5.0
2-Fluorophenol (SURR**)	34%				
Phenol-d5 (SURR**)	22%				
Nitrobenzene-d5 (SURR**)	83%				
2-Fluorobiphenyl (SURR**)	78%				
2,4,6-Tribromophenol (SURR**)	83%				
Terphenyl-d14 (SURR**)	56%				

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 79922
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW13D, 0304 NLS ID: 333217
Ref. Line 2 COC 67976 NS-GWMW13D, 0304 Matrix: GW
Collected: 03/15/04 11:30 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	25	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[13]	ug/L	1	4.2	15	03/26/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/13/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[2.7]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	87	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	33	ug/L	1	2.5	5.0	03/26/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/26/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	23000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	19000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	5.0	ug/L	1	3.6*		03/16/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3		NR	1	3.6*		04/02/04	Calc.	721026460
	No reportable value due to hexavalent chromium result being greater than total chromium result.							
Chromium, tot. as Cr by ICP-Trace	[0.86]	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[0.85]	ug/L	1	0.51	1.8	03/26/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	4.8	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	8.7	ug/L	1	1.3	4.0	03/26/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	ND	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	[34]	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	[50]	ug/L	1	33	100	03/26/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	[2.5]	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	03/26/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	7000	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	2200	ug/L	1	150	300	03/26/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	50	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	130	ug/L	1	1.0	2.0	03/26/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	2.8	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Potassium, dis. as K	8100	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Potassium, tot. as K	2900	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Sodium, dis. as Na	54000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Sodium, tot. as Na	14000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034
Printed: 04/14/04 Code: S

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

Project: Ashland/NSP Lakefront

NLS Project: 79922
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

NS-GWMW13D, 0304 NLS ID: 333217
Ref. Line 2 COC 67976 NS-GWMW13D, 0304 Matrix: GW
Collected: 03/15/04 11:30 Received: 03/16/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460
Vanadium, tot. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	03/26/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	42	ug/L	1	5.0	10	03/26/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/17/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/17/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/23/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/17/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/25/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) **NLS Project: 79922**
Project Description: Ashland/NSP Lakefront
Project Title: **Template: 8270WNSP** **Printed: 04/14/2004 13:05**

Sample: 333217 **NS-GWMW13D, 0304** **Collected: 03/15/04** **Analyzed: 03/25/04**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	1	0.67	2.2
Acenaphthylene	ND	ug/L	1	1.3	4.3
Anthracene	ND	ug/L	1	0.41	1.4
Benzo[a]anthracene	ND	ug/L	1	0.43	1.4
Benzo[a]pyrene	ND	ug/L	1	0.42	1.4
Benzo[b]fluoranthene	ND	ug/L	1	0.56	1.9
Benzo[g,h,i]perylene	ND	ug/L	1	0.91	2.9
Benzo[k]fluoranthene	ND	ug/L	1	0.90	3.0
Chrysene	ND	ug/L	1	1.2	3.7
Dibenzo[a,h]anthracene	ND	ug/L	1	0.56	1.9
Dibenzofuran	ND	ug/L	1	1.3	4.4
Fluoranthene	ND	ug/L	1	0.42	1.4
Fluorene	ND	ug/L	1	0.61	2.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	1	0.54	1.8
1-Methylnaphthalene	2.5	ug/L	1	0.76	2.5
2-Methylnaphthalene	[0.83]	ug/L	1	0.76	2.5
2-Methylphenol	ND	ug/L	1	1.2	4.0
3 & 4-Methylphenol	ND	ug/L	1	1.3	4.2
Naphthalene	[2.1]	ug/L	1	0.73	2.4
Phenanthrene	[1.2]	ug/L	1	0.41	1.4
Phenol	ND	ug/L	1	0.51	1.7
Pyrene	ND	ug/L	1	0.98	3.1
Benzo[e]pyrene	ND	ug/L	1	5.0	5.0
2-Fluorophenol (SURR**)	37%				
Phenol-d5 (SURR**)	25%				
Nitrobenzene-d5 (SURR**)	85%				
2-Fluorobiphenyl (SURR**)	80%				
2,4,6-Tribromophenol (SURR**)	64%				
Terphenyl-d14 (SURR**)	57%				

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034
Printed: 04/15/04 Code: S

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 79957
NLS Customer: 91206
Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW15B.0304 NLS ID: 333328
Ref. Line 6 COC 67974 NS-GWMW15B.0304 Matrix: GW
Collected: 03/16/04 12:40 Received: 03/17/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	49	ug/L	1	4.2	15	03/29/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[8.0]	ug/L	1	4.2	15	03/29/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/14/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[2.7]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	200	ug/L	1	2.5	5.0	03/29/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	190	ug/L	1	2.5	5.0	03/29/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/31/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	03/20/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/29/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	03/29/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	140000	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	140000	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	8.8	ug/L	1	3.6*		03/17/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3		NR	1	3.6*		04/06/04	Calc.	721026460
	No reportable value due to hexavalent chromium value exceeding that for total chromium.							
Chromium, tot. as Cr by ICP-Trace	2.3	ug/L	1	0.51	1.8	03/29/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	2.2	ug/L	1	0.51	1.8	03/29/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	[3.7]	ug/L	1	1.3	4.0	03/29/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	[2.7]	ug/L	1	1.3	4.0	03/29/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	[12]	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	[34]	ug/L	1	33	100	03/29/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	03/29/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	[1.9]	ug/L	1	0.87	3.0	03/29/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	03/29/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	60000	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	60000	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	77	ug/L	1	1.0	2.0	03/29/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	74	ug/L	1	1.0	2.0	03/29/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	03/25/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	[1.8]	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[1.6]	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Potassium, dis. as K	6500	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Potassium, tot. as K	6500	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Sodium, dis. as Na	82000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Sodium, tot. as Na	81000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 79957
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW15B.0304 NLS ID: 333328
Ref. Line 6 COC 67974 NS-GWMW15B.0304 Matrix: GW
Collected: 03/16/04 12:40 Received: 03/17/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460
Vanadium, tot. as V by ICP-Trace	5.1	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	5.1	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	03/29/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	03/29/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/18/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/18/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/22/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/18/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/25/04	SW846 8270C	721026460

NS-AQTRPBLNK.0304 NLS ID: 333329
Ref. Line 7 COC 67974 NS-AQTRPBLNK.0304 Matrix: TB
Collected: 03/16/04 00:00 Received: 03/17/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					03/22/04	SW846 8260	721026460

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

Customer: URS Corporation (Milwaukee) NLS Project: 79957

Project Description: Ashland/NSP Lakefront

Project Title: Template: 8270WNSP Printed: 03/31/2004 08:58

Sample: 333328 NS-GWMW15B.0304 Collected: 03/16/04 Analyzed: 03/25/04

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	2	1.3	4.5
Acenaphthylene	[4.0]	ug/L	2	2.6	8.6
Anthracene	ND	ug/L	2	0.82	2.7
Benzo[a]anthracene	ND	ug/L	2	0.86	2.9
Benzo[a]pyrene	ND	ug/L	2	0.85	2.8
Benzo[b]fluoranthene	ND	ug/L	2	1.1	3.8
Benzo[g,h,i]perylene	ND	ug/L	2	1.8	5.8
Benzo[k]fluoranthene	ND	ug/L	2	1.8	6.0
Chrysene	ND	ug/L	2	2.3	7.4
Dibenzo[a,h]anthracene	ND	ug/L	2	1.1	3.7
Dibenzofuran	ND	ug/L	2	2.6	8.8
Fluoranthene	ND	ug/L	2	0.83	2.7
Fluorene	[1.5]	ug/L	2	1.2	4.1
Indeno[1,2,3-cd]pyrene	ND	ug/L	2	1.1	3.6
1-Methylnaphthalene	8.9	ug/L	2	1.5	5.1
2-Methylnaphthalene	11	ug/L	2	1.5	5.1
2-Methylphenol	ND	ug/L	2	2.4	8.1
3 & 4-Methylphenol	ND	ug/L	2	2.5	8.4
Naphthalene	34	ug/L	2	1.5	4.9
Phenanthrene	2.7	ug/L	2	0.82	2.7
Phenol	ND	ug/L	2	1.0	3.4
Pyrene	ND	ug/L	2	2.0	6.2
Benzo[e]pyrene	ND	ug/L	2	10	10
2-Fluorophenol (SURR**)	29%				
Phenol-d5 (SURR**)	21%				
Nitrobenzene-d5 (SURR**)	90%				
2-Fluorobiphenyl (SURR**)	91%				
2,4,6-Tribromophenol (SURR**)	63%				
Terphenyl-d14 (SURR**)	61%				

Surrogate recovery was outside QC limits for Fluorophenol due to sample matrix.

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80073
NLS Customer: 91206
Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/ NSP Lakefront

NS-GWMW17A.0304 NLS ID: 333829
Ref. Line 1 COC 67815 NS-GWMW17A.0304 Matrix: GW
Collected: 03/19/04 08:50 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	14000	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[11]	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/14/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[4.7]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	160	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	48	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	20000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	17000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/19/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	19	ug/L	1	3.6*		04/13/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	19	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[0.61]	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	6.9	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	120	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	ND	ug/L	1	5.0	15	03/23/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	14000	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	21	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	9600	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	4600	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	300	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	66	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	32	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[1.9]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Potassium, dis. as K	4900	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	7700	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/03/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Sodium, dis. as Na	24000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	24000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/13/04	SW846 7841	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80073
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/ NSP Lakefront

NS-GWMW17A.0304 NLS ID: 333829
Ref. Line 1 COC 67815 NS-GWMW17A.0304 Matrix: GW
Collected: 03/19/04 08:50 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	31	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	4.0	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	210	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/25/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/25/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/29/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/24/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/30/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) **NLS Project: 80073**
Project Description: Ashland/ NSP Lakefront
Project Title: **Template: 8270WNSP** **Printed: 04/02/2004 12:02**

Sample: 333829 **NS-GWMW17A.0304** **Collected: 03/19/04** **Analyzed: 03/30/04**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	1	0.67	2.2
Acenaphthylene	ND	ug/L	1	1.3	4.3
Anthracene	ND	ug/L	1	0.41	1.4
Benzo[a]anthracene	ND	ug/L	1	0.43	1.4
Benzo[a]pyrene	ND	ug/L	1	0.42	1.4
Benzo[b]fluoranthene	ND	ug/L	1	0.56	1.9
Benzo[g,h,i]perylene	ND	ug/L	1	0.91	2.9
Benzo[k]fluoranthene	ND	ug/L	1	0.90	3.0
Chrysene	ND	ug/L	1	1.2	3.7
Dibenzo[a,h]anthracene	ND	ug/L	1	0.56	1.9
Dibenzofuran	ND	ug/L	1	1.3	4.4
Fluoranthene	ND	ug/L	1	0.42	1.4
Fluorene	ND	ug/L	1	0.61	2.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	1	0.54	1.8
1-Methylnaphthalene	ND	ug/L	1	0.76	2.5
2-Methylnaphthalene	ND	ug/L	1	0.76	2.5
2-Methylphenol	ND	ug/L	1	1.2	4.0
3 & 4-Methylphenol	ND	ug/L	1	1.3	4.2
Naphthalene	ND	ug/L	1	0.73	2.4
Phenanthrene	ND	ug/L	1	0.41	1.4
Phenol	ND	ug/L	1	0.51	1.7
Pyrene	ND	ug/L	1	0.98	3.1
Benzo[e]pyrene	ND	ug/L	1	5.0	5.0
2-Fluorophenol (SURR**)	24%				
Phenol-d5 (SURR**)	16%				
Nitrobenzene-d5 (SURR**)	84%				
2-Fluorobiphenyl (SURR**)	78%				
2,4,6-Tribromophenol (SURR**)	63%				
Terphenyl-d14 (SURR**)	80%				

Surrogate recovery was outside QC limits for 2-Fluorophenol and Phenol-d5 due to sample matrix.

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80048
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW18A.0304 NLS ID: 333707
Ref. Line 4 COC 67975 NS-GWMW18A.0304 Matrix: GW
Collected: 03/18/04 10:40 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	610	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	19	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/14/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	[3.1]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[2.6]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	200	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	200	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	70000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	66000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	5.5	ug/L	1	3.6*		03/19/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3		NR	1	3.6*		04/13/04	Calc.	721026460
	No reportable value due to hexavalent chromium result exceeding that of total chromium.							
Chromium, tot. as Cr by ICP-Trace	[1.3]	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[1.6]	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	[0.85]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	8.5	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	16	ug/L	1	5.0	15	03/23/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	670	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	[63]	ug/L	1	33	100	04/14/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	3.2	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	31000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	31000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	310	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	270	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	04/08/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	04/08/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	2.8	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	2.2	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Potassium, dis. as K	6100	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	6800	ug/L	1	530	190	03/31/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	[1.9]	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Sodium, dis. as Na	31000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	31000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80048
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW18A.0304 NLS ID: 333707
Ref. Line 4 COC 67975 NS-GWMW18A.0304 Matrix: GW
Collected: 03/18/04 10:40 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Thallium, tot. as Tl by furnace AAS	[2.8]	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460
Vanadium, tot. as V by ICP-Trace	2.6	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	[0.89]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	11	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/25/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/25/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/26/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/22/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/29/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) NLS Project: 80048

Project Description: Ashland/NSP Lakefront

Project Title: Template: 8270WNSP Printed: 03/31/2004 10:11

Sample: 333707 NS-GWMW18A.0304 Collected: 03/18/04 Analyzed: 03/29/04

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	200	130	450
Acenaphthylene	ND	ug/L	200	260	860
Anthracene	ND	ug/L	200	82	270
Benzo[a]anthracene	ND	ug/L	200	86	290
Benzo[a]pyrene	ND	ug/L	200	85	280
Benzo[b]fluoranthene	ND	ug/L	200	110	380
Benzo[g,h,i]perylene	ND	ug/L	200	180	580
Benzo[k]fluoranthene	ND	ug/L	200	180	600
Chrysene	ND	ug/L	200	230	740
Dibenzo[a,h]anthracene	ND	ug/L	200	110	370
Dibenzofuran	ND	ug/L	200	260	880
Fluoranthene	ND	ug/L	200	83	270
Fluorene	ND	ug/L	200	120	410
Indeno[1,2,3-cd]pyrene	ND	ug/L	200	110	360
1-Methylnaphthalene	[340]	ug/L	200	150	510
2-Methylnaphthalene	[490]	ug/L	200	150	510
2-Methylphenol	2800	ug/L	200	240	810
3 & 4-Methylphenol	3100	ug/L	200	250	840
Naphthalene	3800	ug/L	200	150	490
Phenanthrene	ND	ug/L	200	82	270
Phenol	500	ug/L	200	100	340
Pyrene	ND	ug/L	200	200	620
Benzo[e]pyrene	ND	ug/L	200	1000	1000
2-Fluorophenol (SURR**)	46%				
Phenol-d5 (SURR**)	34%				
Nitrobenzene-d5 (SURR**)	101%				
2-Fluorobiphenyl (SURR**)	90%				
2,4,6-Tribromophenol (SURR**)	81%				
Terphenyl-d14 (SURR**)	112%				

Lab control spike had low recoveries for 2-Methlyphenol and 3 & 4-Methylphenol. MS/MSD were not quantifiable for this batch due to the sample needing a large dilution.

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80048
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW18B.0304 NLS ID: 333708
Ref. Line 5 COC 67975 NS-GWMW18B.0304 Matrix: GW
Collected: 03/18/04 11:00 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	850	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	20	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/14/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	ND	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	25	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	44	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	8300	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	13000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/19/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	ND	ug/L	1	3.6*		04/13/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	2.7	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[0.79]	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	[0.69]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	26	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	4.7	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	ND	ug/L	1	5.0	15	03/23/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	1500	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	[42]	ug/L	1	33	100	04/14/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	9.6	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	[1.1]	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	2200	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	4100	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	77	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	41	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	04/08/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	04/08/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	6.9	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	2.1	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Potassium, dis. as K	3900	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	3500	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	[2.6]	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Sodium, dis. as Na	5600	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	2800	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80048
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW18B.0304 NLS ID: 333708
Ref. Line 5 COC 67975 NS-GWMW18B.0304 Matrix: GW
Collected: 03/18/04 11:00 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	2.4	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	[1.4]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	130	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	48	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/25/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/25/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/26/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/22/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/29/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) NLS Project: 80048

Project Description: Ashland/NSP Lakefront

Project Title: Template: 8270WNSP Printed: 03/31/2004 10:11

Sample: 333708 NS-GWMW18B.0304 Collected: 03/18/04 Analyzed: 03/29/04

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	1	0.67	2.2
Acenaphthylene	ND	ug/L	1	1.3	4.3
Anthracene	ND	ug/L	1	0.41	1.4
Benzo[a]anthracene	ND	ug/L	1	0.43	1.4
Benzo[a]pyrene	ND	ug/L	1	0.42	1.4
Benzo[b]fluoranthene	ND	ug/L	1	0.56	1.9
Benzo[g,h,i]perylene	ND	ug/L	1	0.91	2.9
Benzo[k]fluoranthene	ND	ug/L	1	0.90	3.0
Chrysene	ND	ug/L	1	1.2	3.7
Dibenzo[a,h]anthracene	ND	ug/L	1	0.56	1.9
Dibenzofuran	ND	ug/L	1	1.3	4.4
Fluoranthene	ND	ug/L	1	0.42	1.4
Fluorene	ND	ug/L	1	0.61	2.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	1	0.54	1.8
1-Methylnaphthalene	ND	ug/L	1	0.76	2.5
2-Methylnaphthalene	ND	ug/L	1	0.76	2.5
2-Methylphenol	ND	ug/L	1	1.2	4.0
3 & 4-Methylphenol	ND	ug/L	1	1.3	4.2
Naphthalene	ND	ug/L	1	0.73	2.4
Phenanthrene	ND	ug/L	1	0.41	1.4
Phenol	ND	ug/L	1	0.51	1.7
Pyrene	ND	ug/L	1	0.98	3.1
Benzo[e]pyrene	ND	ug/L	1	5.0	5.0
2-Fluorophenol (SURR**)	26%				
Phenol-d5 (SURR**)	20%				
Nitrobenzene-d5 (SURR**)	86%				
2-Fluorobiphenyl (SURR**)	72%				
2,4,6-Tribromophenol (SURR**)	66%				
Terphenyl-d14 (SURR**)	90%				

Lab control spike had low recoveries for 2-Methlyphenol and 3 & 4-Methylphenol. MS/MSD were not quantifiable for this batch due to the sample needing a large dilution.

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80048
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW19A.0304 NLS ID: 333709
Ref. Line 6 COC 67975 NS-GWMW19A.0304 Matrix: GW
Collected: 03/18/04 11:45 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	47000	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[9]	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/14/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	[2.6]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[6.6]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	480	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	130	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	5	0.85	2.5	04/14/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	5	0.85	2.5	04/14/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	150000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	75000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/19/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	66	ug/L	1	3.6*		04/13/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	66	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[0.69]	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	27	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	110	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	[10]	ug/L	1	5.0	15	03/23/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	41000	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	15	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	56000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	28000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	1000	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	33	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	04/08/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	04/08/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	59	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[1.5]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Potassium, dis. as K	8700	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	19000	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	03/31/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/03/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Sodium, dis. as Na	37000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	40000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/13/04	SW846 7841	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80048
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW19A.0304 NLS ID: 333709
Ref. Line 6 COC 67975 NS-GWMW19A.0304 Matrix: GW
Collected: 03/18/04 11:45 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	100	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	[1.4]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	110	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/25/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/25/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/26/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/22/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/29/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) **NLS Project: 80048**
Project Description: Ashland/NSP Lakefront
Project Title: **Template: 8270WNSP** **Printed: 03/31/2004 10:11**

Sample: 333709 **NS-GWMW19A.0304** **Collected: 03/18/04** **Analyzed: 03/29/04**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	200	130	450
Acenaphthylene	[260]	ug/L	200	260	860
Anthracene	ND	ug/L	200	82	270
Benzo[a]anthracene	ND	ug/L	200	86	290
Benzo[a]pyrene	ND	ug/L	200	85	280
Benzo[b]fluoranthene	ND	ug/L	200	110	380
Benzo[g,h,i]perylene	ND	ug/L	200	180	580
Benzo[k]fluoranthene	ND	ug/L	200	180	600
Chrysene	ND	ug/L	200	230	740
Dibenzo[a,h]anthracene	ND	ug/L	200	110	370
Dibenzofuran	ND	ug/L	200	260	880
Fluoranthene	ND	ug/L	200	83	270
Fluorene	ND	ug/L	200	120	410
Indeno[1,2,3-cd]pyrene	ND	ug/L	200	110	360
1-Methylnaphthalene	750	ug/L	200	150	510
2-Methylnaphthalene	1100	ug/L	200	150	510
2-Methylphenol	[470]	ug/L	200	240	810
3 & 4-Methylphenol	[660]	ug/L	200	250	840
Naphthalene	6300	ug/L	200	150	490
Phenanthrene	ND	ug/L	200	82	270
Phenol	[150]	ug/L	200	100	340
Pyrene	ND	ug/L	200	200	620
Benzo[e]pyrene	ND	ug/L	200	1000	1000
2-Fluorophenol (SURR**)	36%				
Phenol-d5 (SURR**)	33%				
Nitrobenzene-d5 (SURR**)	99%				
2-Fluorobiphenyl (SURR**)	102%				
2,4,6-Tribromophenol (SURR**)	96%				
Terphenyl-d14 (SURR**)	130%				

Lab control spike had low recoveries for 2-Methlyphenol and 3 & 4-Methylphenol. MS/MSD were not quantifiable for this batch due to the sample needing a large dilution.

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80048
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW19BMS/MSD.0304 NLS ID: 333710
Ref. Line 7 COC 67975 NS-GWMW19BMS/MSD.0304 Matrix: GW
Collected: 03/18/04 12:00 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	47	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	18	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Antimony, dis. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/12/04	SW846 7041	721026460
Antimony, tot. as Sb by furnace AAS	ND	ug/L	1	3.2	11	04/14/04	SW846 7041	721026460
Arsenic, dis. as As by furnace AAS	[3.4]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[5.1]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	210	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	200	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Beryllium, dis. as Be by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Cadmium, dis. as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	54000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	53000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	ND	ug/L	1	3.6*		03/19/04	SW846 7196A	721026460
Chromium, trivalent as Cr+3	ND	ug/L	1	3.6*		04/13/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	[0.56]	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[1.1]	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	04/12/04	SW846 6010	721026460
Cyanide, tot. (distilled) as CN	ND	ug/L	1	5.0	15	03/23/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	110	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	[58]	ug/L	1	33	100	04/14/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	[1.1]	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	ND	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	27000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	26000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	110	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	100	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Mercury, dis. as Hg	ND	ug/L	1	0.025	0.050	04/08/04	245.7M/ 1631M	721026460
Mercury, tot. as Hg	ND	ug/L	1	0.025	0.050	04/08/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[1.5]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Potassium, dis. as K	4800	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	4700	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Selenium, dis. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Selenium, tot. as Se by furnace AAS	ND	ug/L	1	1.6	5.5	04/01/04	SW846 7740	721026460
Silver, tot. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Silver, dis. as Ag by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Sodium, dis. as Na	22000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	23000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Thallium, dis. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/09/04	SW846 7841	721026460
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/12/04	SW846 7841	721026460

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ANALYTICAL REPORT

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

Client: URS Corporation (Milwaukee)
Attn: Ben Nelson
10200 West Innovation Drive #500
Milwaukee,WI 53226 4827

NLS Project: 80048
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW19BMS/MSD.0304 NLS ID: 333710
Ref. Line 7 COC 67975 NS-GWMW19BMS/MSD.0304 Matrix: GW
Collected: 03/18/04 12:00 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	ND	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Metals digestion - total, water ICP	yes					03/25/04	SW846 3010	721026460
Metals digestion - total, water GF	yes					03/26/04	SW846 3020	721026460
Metals digestion - dissolved ICP	yes					03/25/04	SW846 3005	721026460
Metals digestion - dissolved Furnace	yes					03/26/04	SW846 3005	721026460
VOCs (water) by EPA 8260	see attached					03/26/04	SW846 8260	721026460
Base/Neutral/Acid Extraction by 3510C	yes					03/22/04	SW846 3510	721026460
Semivolatile GC/MS by 8270C	see attached					03/29/04	SW846 8270C	721026460

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

Customer: URS Corporation (Milwaukee) NLS Project: 80048

Project Description: Ashland/NSP Lakefront

Project Title: Template: 8270WNSP Printed: 03/31/2004 10:11

Sample: 333710 NS-GWMW19BMS/MSD.0304 Collected: 03/18/04 Analyzed: 03/29/04

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	200	130	450
Acenaphthylene	ND	ug/L	200	260	860
Anthracene	ND	ug/L	200	82	270
Benzo[a]anthracene	ND	ug/L	200	86	290
Benzo[a]pyrene	ND	ug/L	200	85	280
Benzo[b]fluoranthene	ND	ug/L	200	110	380
Benzo[g,h,i]perylene	ND	ug/L	200	180	580
Benzo[k]fluoranthene	ND	ug/L	200	180	600
Chrysene	ND	ug/L	200	230	740
Dibenzo[a,h]anthracene	ND	ug/L	200	110	370
Dibenzofuran	ND	ug/L	200	260	880
Fluoranthene	ND	ug/L	200	83	270
Fluorene	ND	ug/L	200	120	410
Indeno[1,2,3-cd]pyrene	ND	ug/L	200	110	360
1-Methylnaphthalene	[380]	ug/L	200	150	510
2-Methylnaphthalene	550	ug/L	200	150	510
2-Methylphenol	ND	ug/L	200	240	810
3 & 4-Methylphenol	ND	ug/L	200	250	840
Naphthalene	3500	ug/L	200	150	490
Phenanthrene	ND	ug/L	200	82	270
Phenol	ND	ug/L	200	100	340
Pyrene	ND	ug/L	200	200	620
Benzo[e]pyrene	ND	ug/L	200	1000	1000
2-Fluorophenol (SURR**)	26%				
Phenol-d5 (SURR**)	24%				
Nitrobenzene-d5 (SURR**)	89%				
2-Fluorobiphenyl (SURR**)	95%				
2,4,6-Tribromophenol (SURR**)	51%				
Terphenyl-d14 (SURR**)	115%				

Surrogate recovery was outside QC limits for Fluorophenol due to sample matrix.

Lab control spike had low recoveries for 2-Methlyphenol and 3 & 4-Methylphenol. MS/MSD were not quantifiable for this batch due to the sample needing a large dilution.