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

NSGWMW20A.0304 NLS ID: 333565
Ref. Line 3 COC 67982 NSGWMW20A.0304 Matrix: GW
Collected: 03/17/04 11:15 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	3700	ug/L	1	4.2	15	04/05/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[10]	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	[3.0]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	290	ug/L	1	2.5	5.0	04/05/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	230	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	04/06/04	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	[0.22]	ug/L	1	0.17	0.50	04/05/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	130000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	130000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	8.8	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	6.3	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	3.6	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	[1.1]	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Copper, tot. as Cu by ICP-Trace	21	ug/L	1	1.3	4.0	04/05/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	[3.6]	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	4000	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	7.6	ug/L	1	0.87	3.0	04/05/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	[1.0]	ug/L	1	0.87	3.0	04/05/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	86000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	85000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	280	ug/L	1	1.0	2.0	04/05/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	130	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	8.3	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	3.6	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Potassium, dis. as K	7800	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	9100	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	46000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	48000	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

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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

NSGWMW20A.0304 NLS ID: 333565
Ref. Line 3 COC 67982 NSGWMW20A.0304 Matrix: GW
Collected: 03/17/04 11:15 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	12	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	3.9	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	36	ug/L	1	5.0	10	04/05/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	13	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: 333565 NSGWMW20A.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**)	25%				
Phenol-d5 (SURR**)	19%				
Nitrobenzene-d5 (SURR**)	81%				
2-Fluorobiphenyl (SURR**)	71%				
2,4,6-Tribromophenol (SURR**)	69%				
Terphenyl-d14 (SURR**)	91%				

Surrogate recovery was outside QC limits for Fluorophenol.

Duplicate % difference between matrix spike and matrix spike duplicate for 3 & 4-Methylphenol exceeded in house QC limits.

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ANALYTICAL REPORT

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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: 80014
NLS Customer: 91206
Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NSGWMW21A.0304 NLS ID: 333563
Ref. Line 1 COC 67982 NSGWMW21A.0304 Matrix: GW
Collected: 03/17/04 09:15 Received: 03/18/04
Notes: Noncompliance: Sample(s) received beyond EPA holding time for: Hexavalent chromium

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	630	ug/L	1	4.2	15	04/05/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[12]	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	ND	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	260	ug/L	1	2.5	5.0	04/05/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	230	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	04/05/04	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	81000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	77000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	11	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	[0.85]	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	ND	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	ND	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	[8.0]	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	1300	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	660	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	[1.5]	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	43000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	40000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	430	ug/L	1	1.0	2.0	04/05/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	400	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	[1.4]	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[1.1]	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Potassium, dis. as K	7100	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	7300	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	45000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	39000	ug/L	1	12	44	03/31/04	SW846 6010	721026460

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NLS Project: 80014
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Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NSGWMW21A.0304 NLS ID: 333563
Ref. Line 1 COC 67982 NSGWMW21A.0304 Matrix: GW
Collected: 03/17/04 09:15 Received: 03/18/04
Notes: Noncompliance: Sample(s) received beyond EPA holding time for: Hexavalent chromium

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
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
Vanadium, tot. as V by ICP-Trace	[1.4]	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	[7.5]	ug/L	1	5.0	10	04/05/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	[8.5]	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: 333563 **NSGWMW21A.0304** **Collected: 03/17/04** **Analyzed: 03/26/04**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	200	130	450
Acenaphthylene	[310]	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	730	ug/L	200	150	510
2-Methylnaphthalene	1100	ug/L	200	150	510
2-Methylphenol	ND	ug/L	200	240	810
3 & 4-Methylphenol	ND	ug/L	200	250	840
Naphthalene	6000	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**)	36%				
Phenol-d5 (SURR**)	27%				
Nitrobenzene-d5 (SURR**)	95%				
2-Fluorobiphenyl (SURR**)	96%				
2,4,6-Tribromophenol (SURR**)	59%				
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.

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Project: Ashland/NSP Lakefront

NSGWMW21B.0304 NLS ID: 333566
Ref. Line 4 COC 67982 NSGWMW21B.0304 Matrix: GW
Collected: 03/17/04 11:30 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	120000	ug/L	1	4.2	15	04/05/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	19	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	13	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	860	ug/L	1	2.5	5.0	04/05/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	65	ug/L	1	2.5	5.0	04/05/04	SW846 6010	721026460
Beryllium, tot. as Be by ICP-Trace	ND	ug/L	10	1.7	5.0	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	[3.5]	ug/L	10	1.7	5.0	04/07/04	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	100000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	26000	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	120	ug/L	1	3.6*		04/06/04	Calc.	721026460
Chromium, tot. as Cr by ICP-Trace	120	ug/L	1	0.51	1.8	04/05/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[1.1]	ug/L	1	0.51	1.8	04/05/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	60	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	240	ug/L	1	1.3	4.0	04/05/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	[2.4]	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	94000	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	50	ug/L	1	0.87	3.0	04/05/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	[0.94]	ug/L	1	0.87	3.0	04/05/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	69000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	8100	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	1700	ug/L	1	1.0	2.0	04/05/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	33	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	0.053	ug/L	1	0.025	0.050	04/05/04	245.7M/ 1631M	721026460
Nickel, tot. as Ni by ICP-Trace	120	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	[1.6]	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Potassium, dis. as K	7300	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	28000	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	5	3.4	10	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	130000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	140000	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
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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

NSGWMW21B.0304 NLS ID: 333566
Ref. Line 4 COC 67982 NSGWMW21B.0304 Matrix: GW
Collected: 03/17/04 11:30 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	230	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	18	ug/L	1	0.67	2.0	04/05/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	270	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: 333566 NSGWMW21B.0304 Collected: 03/17/04 Analyzed: 03/26/04

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	[18]	ug/L	20	13	45
Acenaphthylene	150	ug/L	20	26	86
Anthracene	28	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	[20]	ug/L	20	8.3	27
Fluorene	61	ug/L	20	12	41
Indeno[1,2,3-cd]pyrene	ND	ug/L	20	11	36
1-Methylnaphthalene	370	ug/L	20	15	51
2-Methylnaphthalene	520	ug/L	20	15	51
2-Methylphenol	ND	ug/L	20	24	81
3 & 4-Methylphenol	ND	ug/L	20	25	84
Naphthalene	670	ug/L	20	15	49
Phenanthrene	110	ug/L	20	8.2	27
Phenol	ND	ug/L	20	10	34
Pyrene	[26]	ug/L	20	20	62
Benzo[e]pyrene	ND	ug/L	20	100	100
2-Fluorophenol (SURR**)	28%				
Phenol-d5 (SURR**)	20%				
Nitrobenzene-d5 (SURR**)	81%				
2-Fluorobiphenyl (SURR**)	74%				
2,4,6-Tribromophenol (SURR**)	73%				
Terphenyl-d14 (SURR**)	64%				

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

Duplicate % difference between matrix spike and matrix spike duplicate for 3 & 4-Methylphenol exceeded in house QC limits.

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: 80048
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW22A.0304 NLS ID: 333713
Ref. Line 11 COC 67975 NS-GWMW22A.0304 Matrix: GW
Collected: 03/18/04 13:00 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	4600	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[12]	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	[6.5]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[4.1]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	1000	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	920	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	120000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	110000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	20	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 value exceeding that of total chromium.							
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	5.7	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Cobalt, dis. as Co by ICP-Trace	2.9	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	74	ug/L	1	5.0	15	03/23/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	6000	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	1800	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	3.0	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	[1.3]	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	74000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	71000	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	1500	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	8.9	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	3.3	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Potassium, dis. as K	13000	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	14000	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	48000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	48000	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

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: 80048
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-GWMW22A.0304 NLS ID: 333713
Ref. Line 11 COC 67975 NS-GWMW22A.0304 Matrix: GW
Collected: 03/18/04 13:00 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/13/04	SW846 7841	721026460
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	[1.5]	ug/L	1	0.67	2.0	04/12/04	SW846 6010	721026460
Zinc, tot. as Zn by ICP-Trace	26	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	[7.1]	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

NS-AQTRPBLNK.0304 NLS ID: 333714
Ref. Line COC 67975 NS-AQTRPBLNK.0304 Matrix: TB
Collected: 03/18/04 00:00 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					03/26/04	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:

Authorized by:
R. T. Krueger
President

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: 333713 NS-GWMW22A.0304 Collected: 03/18/04 Analyzed: 03/29/04

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	400	270	890
Acenaphthylene	[1100]	ug/L	400	520	1700
Anthracene	[220]	ug/L	400	160	550
Benzo[a]anthracene	ND	ug/L	400	170	570
Benzo[a]pyrene	ND	ug/L	400	170	570
Benzo[b]fluoranthene	ND	ug/L	400	230	750
Benzo[g,h,i]perylene	ND	ug/L	400	360	1200
Benzo[k]fluoranthene	ND	ug/L	400	360	1200
Chrysene	ND	ug/L	400	460	1500
Dibenzo[a,h]anthracene	ND	ug/L	400	220	740
Dibenzofuran	ND	ug/L	400	530	1800
Fluoranthene	[200]	ug/L	400	170	550
Fluorene	[340]	ug/L	400	240	810
Indeno[1,2,3-cd]pyrene	ND	ug/L	400	220	720
1-Methylnaphthalene	2900	ug/L	400	310	1000
2-Methylnaphthalene	4300	ug/L	400	310	1000
2-Methylphenol	[1100]	ug/L	400	480	1600
3 & 4-Methylphenol	1700	ug/L	400	510	1700
Naphthalene	14000	ug/L	400	290	980
Phenanthrene	710	ug/L	400	160	550
Phenol	[660]	ug/L	400	200	680
Pyrene	ND	ug/L	400	390	1200
Benzo[e]pyrene	ND	ug/L	400	2000	2000
2-Fluorophenol (SURR**)	55%				
Phenol-d5 (SURR**)	56%				
Nitrobenzene-d5 (SURR**)	145%				
2-Fluorobiphenyl (SURR**)	125%				
2,4,6-Tribromophenol (SURR**)	135%				
Terphenyl-d14 (SURR**)	167%				

Surrogate recovery was outside QC limits for Nitrobenzene-d5, 2-Fluorobiphenol, 2,4,6-Tribromophenol and Terphenyl-d14 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.

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

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ANALYTICAL REPORT

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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-GWMW22B.0304 NLS ID: 333711
Ref. Line 9 COC 67975 NS-GWMW22B.0304 Matrix: GW
Collected: 03/18/04 12:55 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	99	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	[6.9]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[6.4]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	120	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	120	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	[0.27]	ug/L	1	0.17	0.50	04/12/04	SW846 6010	721026460
Calcium, tot. as Ca by ICP-Trace	110000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	120000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	10	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	[1.1]	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[0.65]	ug/L	1	0.51	1.8	04/12/04	SW846 6010	721026460
Cobalt, tot. as Co by ICP-Trace	[0.76]	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	660	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	450	ug/L	1	33	100	04/12/04	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	[1.1]	ug/L	1	0.87	3.0	04/12/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	73000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	76000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	200	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	200	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	2.6	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	7600	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	7500	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	2	3.2	11	04/03/04	SW846 7740	721026460
Sample required a dilution to overcome negative interference encountered during analysis.								
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	33000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	33000	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

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: 80048
NLS Customer: 91206
Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWMW22B.0304 NLS ID: 333711
Ref. Line 9 COC 67975 NS-GWMW22B.0304 Matrix: GW
Collected: 03/18/04 12:55 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Thallium, tot. as Tl by furnace AAS	ND	ug/L	1	2.5	8.7	04/13/04	SW846 7841	721026460
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	22	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	[7.3]	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: 333711 NS-GWMW22B.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	[2.0]	ug/L	1	1.3	4.3
Anthracene	[0.97]	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	[0.95]	ug/L	1	0.42	1.4
Fluorene	[0.99]	ug/L	1	0.61	2.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	1	0.54	1.8
1-Methylnaphthalene	5.8	ug/L	1	0.76	2.5
2-Methylnaphthalene	8.0	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	38	ug/L	1	0.73	2.4
Phenanthrene	3.1	ug/L	1	0.41	1.4
Phenol	ND	ug/L	1	0.51	1.7
Pyrene	[1.2]	ug/L	1	0.98	3.1
Benzo[e]pyrene	ND	ug/L	1	5.0	5.0
2-Fluorophenol (SURR**)	30%				
Phenol-d5 (SURR**)	21%				
Nitrobenzene-d5 (SURR**)	88%				
2-Fluorobiphenyl (SURR**)	75%				
2,4,6-Tribromophenol (SURR**)	74%				
Terphenyl-d14 (SURR**)	91%				

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-GWMW22BDup.0304 NLS ID: 333712
Ref. Line 10 COC 67975 NS-GWMW22BDup.0304 Matrix: GW
Collected: 03/18/04 12:55 Received: 03/19/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	120	ug/L	1	4.2	15	04/12/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	16	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	[7.5]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[7.6]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	120	ug/L	1	2.5	5.0	04/12/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	120	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	120000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	120000	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	[0.96]	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	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	[1.3]	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	680	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	460	ug/L	1	33	100	04/12/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	[1.9]	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	75000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	77000	ug/L	1	150	300	04/12/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	200	ug/L	1	1.0	2.0	04/12/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	200	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	2.7	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	7500	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	33000	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	04/12/04	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-GWMW22BDup.0304 NLS ID: 333712

Ref. Line 10 COC 67975 NS-GWMW22BDup.0304 Matrix: GW
Collected: 03/18/04 12:55 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	24	ug/L	1	5.0	10	04/12/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	[7.0]	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: 333712 NS-GWMW22BDup.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	[1.7]	ug/L	1	1.3	4.3
Anthracene	[0.82]	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	[0.88]	ug/L	1	0.42	1.4
Fluorene	[0.90]	ug/L	1	0.61	2.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	1	0.54	1.8
1-Methylnaphthalene	5.0	ug/L	1	0.76	2.5
2-Methylnaphthalene	7.1	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	33	ug/L	1	0.73	2.4
Phenanthrene	2.8	ug/L	1	0.41	1.4
Phenol	ND	ug/L	1	0.51	1.7
Pyrene	[1.1]	ug/L	1	0.98	3.1
Benzo[e]pyrene	ND	ug/L	1	5.0	5.0
2-Fluorophenol (SURR**)	30%				
Phenol-d5 (SURR**)	20%				
Nitrobenzene-d5 (SURR**)	77%				
2-Fluorobiphenyl (SURR**)	68%				
2,4,6-Tribromophenol (SURR**)	82%				
Terphenyl-d14 (SURR**)	89%				

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: 79957
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NS-GWAW01.0304 NLS ID: 333331
Ref. Line 2 COC 67978 NS-GWAW01.0304 Matrix: GW
Collected: 03/16/04 15:30 Received: 03/17/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	ND	ug/L	1	4.2	15	03/29/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	ND	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	[3.8]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[3.1]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	72	ug/L	1	2.5	5.0	03/29/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	75	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	22000	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	23000	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	3.9	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	ND	ug/L	1	0.51	1.8	03/29/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	[0.63]	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	ND	ug/L	1	1.3	4.0	03/29/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	03/29/04	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	03/29/04	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	[1.2]	ug/L	1	0.87	3.0	03/29/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	[0.96]	ug/L	1	0.87	3.0	03/29/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	6900	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	7400	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	29	ug/L	1	1.0	2.0	03/29/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	31	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	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Potassium, dis. as K	3500	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Potassium, tot. as K	3400	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	17000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Sodium, tot. as Na	16000	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-GWAW01.0304 NLS ID: 333331
Ref. Line 2 COC 67978 NS-GWAW01.0304 Matrix: GW
Collected: 03/16/04 15:30 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	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	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

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: 333331 NS-GWAW01.0304 Collected: 03/16/04 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**)	40%				
Phenol-d5 (SURR**)	25%				
Nitrobenzene-d5 (SURR**)	88%				
2-Fluorobiphenyl (SURR**)	75%				
2,4,6-Tribromophenol (SURR**)	80%				
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

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-GWAW02.0304MS/MSD NLS ID: 333332
Ref. Line 3 COC 67978 NS-GWAW02.0304MS/MSD Matrix: GW
Collected: 03/16/04 15:45 Received: 03/17/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	[7.0]	ug/L	1	4.2	15	03/29/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	ND	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	[3.8]	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	76	ug/L	1	2.5	5.0	03/29/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	78	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	03/31/04	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	21000	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	22000	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	3.9	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	ND	ug/L	1	0.51	1.8	03/29/04	SW846 6010	721026460
Chromium, dis. as Cr by ICP-Trace	ND	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	ND	ug/L	1	1.3	4.0	03/29/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	ND	ug/L	1	1.3	4.0	03/29/04	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	03/29/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	03/30/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	[2.5]	ug/L	1	0.87	3.0	03/29/04	SW846 6010	721026460
Lead, dis. as Pb by ICP-Trace	[1.5]	ug/L	1	0.87	3.0	03/29/04	SW846 6010	721026460
Magnesium, tot. as Mg by ICP-Trace	6600	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	6800	ug/L	1	150	300	03/29/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	39	ug/L	1	1.0	2.0	03/29/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	40	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	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Nickel, dis. as Ni by ICP-Trace	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Potassium, dis. as K	2700	ug/L	1	530	1900	03/22/04	SW846 6010	721026460
Potassium, tot. as K	2600	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	13000	ug/L	1	12	44	03/22/04	SW846 6010	721026460
Sodium, tot. as Na	13000	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-GWAW02.0304MS/MSD NLS ID: 333332
Ref. Line 3 COC 67978 NS-GWAW02.0304MS/MSD Matrix: GW
Collected: 03/16/04 15:45 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	ND	ug/L	1	0.67	2.0	03/29/04	SW846 6010	721026460
Vanadium, dis. as V by ICP-Trace	ND	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

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: 79957

Project Description: Ashland/NSP Lakefront

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

Sample: 333332 NS-GWAW02.0304MS/MSD Collected: 03/16/04 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**)	35%				
Phenol-d5 (SURR**)	22%				
Nitrobenzene-d5 (SURR**)	91%				
2-Fluorobiphenyl (SURR**)	75%				
2,4,6-Tribromophenol (SURR**)	78%				
Terphenyl-d14 (SURR**)	58%				

** 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

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

NSGWMW02ANET.0304 NLS ID: 333569
Ref. Line 7 COC 67982 NSGWMW02ANET.0304 Matrix: GW
Collected: 03/17/04 14:30 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	530	ug/L	1	4.2	15	04/05/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[10]	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	[3.7]	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	04/05/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	110	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	19000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	18000	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	[1.2]	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	ND	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	ND	ug/L	1	1.3	4.0	04/05/04	SW846 6010	721026460
Copper, dis. as Cu by ICP-Trace	8.0	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	370	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	[1.5]	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	7500	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	7300	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	32	ug/L	1	1.0	2.0	04/05/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	18	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	ND	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	4100	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	4100	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	04/07/04	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	16000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	15000	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
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

NSGWMW02ANET.0304 NLS ID: 333569
Ref. Line 7 COC 67982 NSGWMW02ANET.0304 Matrix: GW
Collected: 03/17/04 14:30 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	[1.1]	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	ND	ug/L	1	5.0	10	04/05/04	SW846 6010	721026460
Zinc, dis. as Zn by ICP-Trace	[5.7]	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: 333569 NSGWMW02ANET.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	2.5	ug/L	1	0.76	2.5
2-Methylnaphthalene	3.5	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	18	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**)	32%				
Phenol-d5 (SURR**)	21%				
Nitrobenzene-d5 (SURR**)	79%				
2-Fluorobiphenyl (SURR**)	68%				
2,4,6-Tribromophenol (SURR**)	68%				
Terphenyl-d14 (SURR**)	77%				

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: 80014
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NSGWMW02ANETDUP.0304 NLS ID: 333570
Ref. Line 8 COC 67982 NSGWMW02ANETDUP.0304 Matrix: GW
Collected: 03/17/04 14:35 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	530	ug/L	1	4.2	15	04/05/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[11]	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	[3.8]	ug/L	1	2.6	9.0	04/02/04	SW846 7060	721026460
Arsenic, tot. as As by furnace AAS	[3.3]	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	04/05/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	110	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	04/07/04	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	19000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	18000	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	[0.95]	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	ND	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	ND	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	400	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	ND	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	[1.5]	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	7500	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	7200	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	27	ug/L	1	1.0	2.0	04/05/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	18	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	ND	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	3800	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	4100	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	04/07/04	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	15000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	16000	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

NSGWMW02ANETDUP.0304 NLS ID: 333570
Ref. Line 8 COC 67982 NSGWMW02ANETDUP.0304 Matrix: GW
Collected: 03/17/04 14:35 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Vanadium, tot. as V by ICP-Trace	[1.1]	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	ND	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

NSAQTRPBLNK.0304 NLS ID: 333571
Ref. Line 9 COC 67982 NSAQTRPBLNK.0304 Matrix: TB
Collected: 03/17/04 00:00 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					03/24/04	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:

Authorized by:
R. T. Krueger
President

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: 333570 **NSGWMW02ANETDUP.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	[2.4]	ug/L	1	0.76	2.5
2-Methylnaphthalene	3.5	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	18	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**)	31%				
Phenol-d5 (SURR**)	20%				
Nitrobenzene-d5 (SURR**)	77%				
2-Fluorobiphenyl (SURR**)	65%				
2,4,6-Tribromophenol (SURR**)	65%				
Terphenyl-d14 (SURR**)	71%				

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.

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

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: 80014
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: Ashland/NSP Lakefront

NSGWMW02BNET.0304 NLS ID: 333568
Ref. Line 6 COC 67982 NSGWMW02BNET.0304 Matrix: GW
Collected: 03/17/04 14:10 Received: 03/18/04

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Aluminum, tot. as Al by ICP-Trace	2000	ug/L	1	4.2	15	04/05/04	SW846 6010	721026460
Aluminum, dis. as Al by ICP-Trace	[5]	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	ND	ug/L	1	2.6	9.0	04/06/04	SW846 7060	721026460
Barium, tot. as Ba by ICP-Trace	860	ug/L	1	2.5	5.0	04/05/04	SW846 6010	721026460
Barium, dis. as Ba by ICP-Trace	840	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	04/07/04	SW846 6010	721026460
Cadmium, tot. as Cd by ICP-Trace	[0.35]	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	71000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Calcium, dis. as Ca by ICP-Trace	69000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Chromium, Hex. as Cr+6	6.4	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	3.5	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	[1.4]	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	4.6	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	[15]	ug/L	1	5.0	15	03/22/04	EPA 335.4	721026460
Iron, tot. as Fe by ICP-Trace	2900	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Iron, dis. as Fe by ICP-Trace	170	ug/L	1	33	100	04/05/04	SW846 6010	721026460
Lead, tot. as Pb by ICP-Trace	3.2	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	35000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Magnesium, dis. as Mg by ICP-Trace	34000	ug/L	1	150	300	04/05/04	SW846 6010	721026460
Manganese, tot. as Mn by ICP-Trace	150	ug/L	1	1.0	2.0	04/05/04	SW846 6010	721026460
Manganese, dis. as Mn by ICP-Trace	110	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	2.9	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	7100	ug/L	1	530	1900	03/31/04	SW846 6010	721026460
Potassium, tot. as K	7500	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	04/06/04	SW846 6010	721026460
Sodium, dis. as Na	25000	ug/L	1	12	44	03/31/04	SW846 6010	721026460
Sodium, tot. as Na	25000	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
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

NSGWMW02BNET.0304 NLS ID: 333568
Ref. Line 6 COC 67982 NSGWMW02BNET.0304 Matrix: GW
Collected: 03/17/04 14:10 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	4.5	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	12	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: 333568 **NSGWMW02BNET.0304** **Collected: 03/17/04** **Analyzed: 03/26/04**

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	[320]	ug/L	200	150	510
2-Methylnaphthalene	[450]	ug/L	200	150	510
2-Methylphenol	[410]	ug/L	200	240	810
3 & 4-Methylphenol	[490]	ug/L	200	250	840
Naphthalene	4400	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**)	40%				
Phenol-d5 (SURR**)	26%				
Nitrobenzene-d5 (SURR**)	90%				
2-Fluorobiphenyl (SURR**)	95%				
2,4,6-Tribromophenol (SURR**)	57%				
Terphenyl-d14 (SURR**)	127%				

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.

4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

NO. 67976

CLIENT	URS
ADDRESS	10200 INNOVATION DR. STE 500
CITY / STATE / ZIP	MILWAUKEE / WI / 53226
PROJECT DESCRIPTION / NO.	ASHLAND INSP LAKEFRONT
QUOTATION NO.	
DNR FID #	
DNR LICENSE #	
CONTACT	BEN NELSON
PHONE	414 831-4158
PURCHASE ORDER NO.	
FAX	414 831-4101

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)		VOC 8260B	PAH 8270C	DISS. METALS LEAD (7420/7421)	CYANIDE (SW 335.4) TOTAL METALS SILVER (7761)	HEXAVALENT CHROMIUM 7196A						COLLECTION REMARKS (i.e. DNR Well ID #)
1.	333216	NS-GWMW13C.0304		1100	GW		✓	✓	✓	✓	✓	✓					Hexachrome
2.	333217	NS-GWMW13D.0304		1130			✓	✓	✓	✓	✓	✓					Samples
3.	333218	NS-GWMW09C.0304		1245			✓	✓	✓	✓	✓	✓					collected
4.	333219	NS-GWMW09B.0304		1300			✓	✓	✓	✓	✓	✓					after 1400
5.	333220	NS-GWMW09A.0304		1330			✓	✓	✓	✓	✓	✓					
6.	333221	NS-GWMW09ADUP.0304		1345			✓	✓	✓	✓	✓	✓					
7.																	
8.																	
9.																	
10.																	

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME 3-15-04 1500
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT UPS	DATE/TIME

RECEIVED AT NLS BY (signature)	DATE/TIME 3/16/04 10:00	CONDITION Cool	TEMP.
COOLER # 48-133	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

REPORT TO
Ben Nelson
Dave Trainor

INVOICE TO
Ben Nelson

PRESERVATIVE:
NP = no preservative
S = sulfuric acid
N = nitric acid
Z = zinc acetate
M = methanol
OH = sodium hydroxide
HA = hydrochloric & ascorbic acid
H = hydrochloric acid

IMPORTANT:
1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.

ORIGINAL COPY

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

NO. 67974

CLIENT	URS
ADDRESS	10200 INNOVATION DR. STE. 500
CITY	MILWAUKEE
STATE	WI
ZIP	53226
PROJECT DESCRIPTION / NO.	ASHLAND / NSP LAKEFRONT
QUOTATION NO.	
DNR FID #	
DNR LICENSE #	
CONTACT	BEN NELSON
PHONE	414 831-4156
PURCHASE ORDER NO.	
FAX	414 831-4101

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)	VOC (8260B) H	PAH (8270C) NP	DISS. METALS N (6010/7470/7471)	TOTAL METALS N (6010/7470/7471)	CYANIDE OH (4500-CN-B)	HEXACHROME (7196A) NP						COLLECTION REMARKS (i.e. DNR Well ID #)
						N/G	N/G	Y/G	N/G	N/G	Y/G						
1.	333323	NS-GWMW05B.0304	3-16-04	0920	GW	✓	✓	✓	✓	✓	✓						HEXACHROME COLL. @ 1350
2.	333324	NS-GWMW05C.0304	↓	0930	GW	✓	✓	✓	✓	✓	✓						HEXACHROME COLL. @ 1345
3.	333325	NS-GWMW05A.0304		1000	GW	✓	✓	✓	✓	✓	✓						HEXACHROME COLL. @ 1400
4.	333326	NS-GWMW04A.0304		1115	GW	✓	✓	✓	✓	✓	✓						
5.	333327	NS-GWMW04B.0304		1145	GW	✓	✓	✓	✓	✓	✓						
6.	333328	NS-GWMW15B.0304	↓	1240	GW	✓	✓	✓	✓	✓	✓						
7.	333329	NS-AQTRPBLNK.0304			AQ	✓											
8.																	
9.																	
10.																	

THE SAMPLE PER LINE

COLLECTED BY (signature) [signature]	CUSTODY SEAL NO. (IF ANY)	DATE/TIME 3/16/04
RELINQUISHED BY (signature) [signature]	RECEIVED BY (signature)	DATE/TIME 3/16/04 1430
DISPATCHED BY (signature)	METHOD OF TRANSPORT UPS	DATE/TIME

REPORT TO
BEN NELSON (URS)
DAVE TRAINOR (NEWFIELDS)

INVOICE TO
BEN NELSON

RECEIVED AT NLS BY (signature) Debbie Wilson	DATE/TIME 3/17/04 ice	CONDITION Onice	TEMP.
COOLER # 48-27	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

PRESERVATIVE:
NP = no preservative
S = sulfuric acid
N = nitric acid
Z = zinc acetate
M = methanol
OH = sodium hydroxide
HA = hydrochloric & ascorbic acid
H = hydrochloric acid

IMPORTANT:
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2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

ORIGINAL COPY

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

NO. 67978

CLIENT	URS
ADDRESS	10200 INNOVATION DR. STE. 500
CITY / STATE / ZIP	MILWAUKEE / WI / 53226
PROJECT DESCRIPTION / NO.	ASHLAND / NSP LAKEFRONT
QUOTATION NO.	
DNR FID #	
DNR LICENSE #	
CONTACT	BEN NELSON
PHONE	414 831-4156
PURCHASE ORDER NO.	
FAX	414 831-4101

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)		VOC (8260B) H	PAH (8270C) NP	Diss. Metals (6010/7470/7471) N	Tot. Metals (6010/7470/7471) N	Cyanide (4500-CN-B) OH	Hexachrome (7196A) NP						COLLECTION REMARKS (i.e. DNR Well ID #)
							N/G	N/G	Y/G	N/G	N/G	Y/G						
1.	333330	NS-GWMW06A.0304	3-16-04	1515	GW		✓		✓	✓	✓	✓						
2.	333331	NS-GWAW01.0304	↓	1530	GW		✓	✓	✓	✓	✓	✓						
3.	333332	NS-GWAW02.0304	↓	1545	GW		✓	✓	✓	✓	✓	✓						
4.	333333	NS-GWAW02MSMSD.0304	↓	1550	GW		✓	✓	✓	✓	✓	✓						
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

ONE SAMPLE PER LINE

COLLECTED BY (signature) [signature]	CUSTODY SEAL NO. (IF ANY)	DATE/TIME 3/16/04
RELINQUISHED BY (signature) [signature]	RECEIVED BY (signature)	DATE/TIME 3/16/04 1600
DISPATCHED BY (signature)	METHOD OF TRANSPORT UPS	DATE/TIME

REPORT TO
BEN NELSON (URS)
DAVE TRAINOR (NEWFIELDS)

INVOICE TO
BEN NELSON

RECEIVED AT NLS BY (signature) Debbie Wilson	DATE/TIME 3/17/04 10:30	CONDITION onice	TEMP.
COOLER # 48-91	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

PRESERVATIVE:
NP = no preservative
S = sulfuric acid
N = nitric acid
Z = zinc acetate
M = methanol
OH = sodium hydroxide
HA = hydrochloric & ascorbic acid
H = hydrochloric acid

IMPORTANT:
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18-117

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

NO. 67982

CLIENT: URS	
ADDRESS: 10200 Innovation Dr. Suite 500	
CITY: Milwaukee	STATE: WI / ZIP: 53226
PROJECT DESCRIPTION / NO.: Ashland/NSP Lakefront	QUOTATION NO.
DNR FID #	DNR LICENSE #
CONTACT: Ben Nelson	PHONE: 414-831-4156
PURCHASE ORDER NO.	FAX: 414-831-4101

MATRIX:
SW = surface water
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DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)		VOC (8260B)	SVOC (8270C)	Diss Metals (6010/7470/7471)	Total Metals (6010/7470/7471)	Cyanide (4500-CN-B)	Hexa Chrome (7196A)						COLLECTION REMARKS (i.e. DNR Well ID #)
									F			F						
1.	333563	NSGWMW21A.0304	3-17-04	0915	GW		X	X	X	X	X	X						
2.	333564	NSGWMW10A.0304		1100			X	X	X	X	X	X						
3.	333565	NSGWMW20A.0304		1115			X	X	X	X	X	X						
4.	333566	NSGWMW21B.0304		1130			X	X	X	X	X	X						
5.	333567	NSGWMW07A.0304		1340			X	X	X	X	X	X						
6.	333568	NSGWMW02BNET.0304		1410			X	X	X	X	X	X						
7.	333569	NSGWMW02ANET.0304		1430			X	X	X	X	X	X						
8.	333570	NSGWMW02ANETDUP.0304		1435			X	X	X	X	X	X						
9.	333571	NSAQTRPBLNK.0304					X											
10.																		

COLLECTED BY (signature): [signature]	CUSTODY SEAL NO. (IF ANY)	DATE/TIME: 3-17-04
RELINQUISHED BY (signature): [signature]	RECEIVED BY (signature)	DATE/TIME: 3-17-04 1530
DISPATCHED BY (signature)	METHOD OF TRANSPORT: ~~UPS~~ UPS	DATE/TIME

RECEIVED AT NLS BY (signature): Karen Heyter	DATE/TIME: 3/18/04 10:00	CONDITION: Ok	TEMP.
COOLER # 48-150	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

REPORT TO: Ben Nelson
Dave Trainor (Newfields)

INVOICE TO: Ben Nelson

PRESERVATIVE:
NP = no preservative
S = sulfuric acid
N = nitric acid
Z = zinc acetate
M = methanol
OH = sodium hydroxide
HA = hydrochloric & ascorbic acid
H = hydrochloric acid

IMPORTANT:
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SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

NO. 67975

CLIENT	URS
ADDRESS	10200 INNOVATION DR. STE. 500
CITY / STATE / ZIP	MILWAUKEE WI 53226
PROJECT DESCRIPTION / NO.	ASHLAND INSP LAKEFRONT
QUOTATION NO.	
DNR FID #	
DNR LICENSE #	
CONTACT	BEN NELSON
PHONE	414 831-4156
PURCHASE ORDER NO.	
FAX	

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
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SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered. Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)	VOC (8260B)	SVOC (8270C)	DISS. METALS (6010/7470/7471)	TOTAL METALS (6010/7470/7471)	CYANIDE (4500-CN-B)	HEXACHROME (7196A)						COLLECTION REMARKS (i.e. DNR Well ID #)
						N	N	Y/G	N	N	Y/G						
1.	333704	NS-GWMW02BR.0304	3-18-04	0915	GW	✓	✓	✓	✓	✓	✓						TRIP BLANK INCLUDED
2.	333705	NS-GWMW02C.0304		0900		✓	✓	✓	✓	✓	✓						ANALYZE NS-AQTRPBLNK.0304
3.	333706	NS-GWMW02CDUP.0304		0905		✓	✓	✓	✓	✓	✓						FOR VOCs
4.	333707	NS-GWMW18A.0304		1040		✓	✓	✓	✓	✓	✓						
5.	333708	NS-GWMW18B.0304		1100		✓	✓	✓	✓	✓	✓						
6.	333709	NS-GWMW19A.0304		1145		✓	✓	✓	✓	✓	✓						
7.	333710	NS-GWMW19B.0304		1200		✓	✓	✓	✓	✓	✓						
8.	2	NS-GWMW19BMSMSD.0304		1205		✓	✓	✓	✓	✓	✓						
9.	333711	NS-GWMW22B.0304		1255		✓	✓	✓	✓	✓	✓						
10.	333712	NS-GWMW22BDUP.0304		1255		✓	✓	✓	✓	✓	✓						
11.	333713	NS-GWMW22A.0304		1300		✓	✓	✓	✓	✓	✓						

ONE SAMPLE PER LINE

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME 3/18/03
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME 3/18/03 1500
DISPATCHED BY (signature)	METHOD OF TRANSPORT UPS	DATE/TIME
RECEIVED AT NLS BY (signature)	DATE/TIME 3/19/04 10:00	CONDITION on ice / TEMP.
COOLER # 48-113	REMARKS & OTHER INFORMATION	
	WDNR FACILITY NUMBER	E-MAIL ADDRESS

REPORT TO: BEN NELSON, DAVE TRAINOR (NEWFIELDS)

INVOICE TO: BEN NELSON

PRESERVATIVE:
NP = no preservative
S = sulfuric acid
N = nitric acid
Z = zinc acetate
M = methanol
OH = sodium hydroxide
HA = hydrochloric & ascorbic acid
H = hydrochloric acid

IMPORTANT:
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2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS

DUPLICATE COPY

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

NO. 67815

CLIENT: URS	
ADDRESS: 10200 INNOVATION DR. STE. 500	
CITY: MILWAUKEE	STATE: WI / ZIP: 53226
PROJECT DESCRIPTION / NO.: ASHLAND INSP LAKEFRONT	QUOTATION NO.
DNR FID #	DNR LICENSE #
CONTACT: BEN NELSON	PHONE: 414 831-4156
PURCHASE ORDER NO.	FAX: 414 831-4101

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)		VOC (8260B)	SVOC (8270C)	DISS. METALS (6010/7470/7471)	TOTAL METALS (6010/7470/7471)	CYANIDE (4500-CN-E)	HEXAVALENT CR (7196A)						COLLECTION REMARKS (i.e. DNR Well ID #)
													N	N	Y	N	N	Y
1.	333829	NS-GWMW17A.0304	3-19-04	0850	GW		✓	✓	✓	✓	✓	✓						
2.	333830	NS-GWMW13A.0304	↓	1040	GW		✓	✓	✓	✓	✓	✓						
3.	333831	NS-GWMW08A.0304	↓	1100	GW		✓	✓	✓	✓	✓	✓						
4.	333832	NS-AQTRPBLNK.0304			AQ		✓											
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

ONE SAMPLE PER LINE

COLLECTED BY (signature): [signature]	CUSTODY SEAL NO. (IF ANY)	DATE/TIME: 3/19/04
RELINQUISHED BY (signature): [signature]	RECEIVED BY (signature): [signature]	DATE/TIME: 3/19/04 15:00
DISPATCHED BY (signature)	METHOD OF TRANSPORT	DATE/TIME

REPORT TO
BEN NELSON
DAVE TRAINOR (NEWFIELDS)

RECEIVED AT NLS BY (signature): [signature]	DATE/TIME: 3-19-04 / 1550	CONDITION: GOOD	TEMP.: ON ICE
COOLER # 13104	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

INVOICE TO
BEN NELSON

PRESERVATIVE:
NP = no preservative
S = sulfuric acid
N = nitric acid
Z = zinc acetate
M = methanol
OH = sodium hydroxide
HA = hydrochloric & ascorbic acid
H = hydrochloric acid

IMPORTANT:
1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.