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

Customer: URS Corporation (Madison) **NLS Project: 76879**
Project Description: NSP/05644-097
Project Title: **Template: 8270W-URS** **Printed: 10/20/2003 11:34**

Sample: 321657 **MW-18B** **Collected: 10/01/03** **Analyzed: 10/13/03**

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
Butylbenzylphthalate	ND	ug/L	1	1.7	5.6
Chrysene	ND	ug/L	1	1.2	3.7
Di-n-butylphthalate	ND	ug/L	1	0.58	1.9
Dibenzo[a,h]anthracene	ND	ug/L	1	0.56	1.9
2,4-Dimethylphenol	ND	ug/L	1	1.6	5.4
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
2-Methylnaphthalene	[1.5]	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	23	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
2-Fluorophenol (SURR**)	34%				
Phenol-d5 (SURR**)	22%				
Nitrobenzene-d5 (SURR**)	82%				
2-Fluorobiphenyl (SURR**)	74%				
2,4,6-Tribromophenol (SURR**)	74%				
Terphenyl-d14 (SURR**)	71%				

Matrix spike and matrix spike duplicate recoveries for Phenol were below in-house QC limits.

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

Customer: URS Corporation (Madison) **NLS Project: 76879**
Project Description: NSP/05644-097
Project Title: **Template: 8270W-URS** **Printed: 10/20/2003 11:34**

Sample: 321658 **MW-19A** **Collected: 10/01/03** **Analyzed: 10/13/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	200	130	450
Acenaphthylene	[480]	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
Butylbenzylphthalate	ND	ug/L	200	330	1100
Chrysene	ND	ug/L	200	230	740
Di-n-butylphthalate	ND	ug/L	200	120	380
Dibenzo[a,h]anthracene	ND	ug/L	200	110	370
2,4-Dimethylphenol	1700	ug/L	200	320	1100
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
2-Methylnaphthalene	1900	ug/L	200	150	510
2-Methylphenol	970	ug/L	200	240	810
3 & 4-Methylphenol	1300	ug/L	200	250	840
Naphthalene	9800	ug/L	200	150	490
Phenanthrene	ND	ug/L	200	82	270
Phenol	390	ug/L	200	100	340
Pyrene	ND	ug/L	200	200	620
2-Fluorophenol (SURR**)	89%				
Phenol-d5 (SURR**)	66%				

Matrix spike and matrix spike duplicate recoveries for Phenol were below in-house QC limits.

Surrogate recoveries for Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, and Terphenyl-d14 could not be quantitated effectively due to a high sample dilution.

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

Customer: URS Corporation (Madison) **NLS Project: 76879**
Project Description: NSP/05644-097
Project Title: **Template: 8270W-URS** **Printed: 10/20/2003 11:34**

Sample: 321659 **MW-19B** **Collected: 10/01/03** **Analyzed: 10/13/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	100	67	220
Acenaphthylene	[180]	ug/L	100	130	430
Anthracene	ND	ug/L	100	41	140
Benzo[a]anthracene	ND	ug/L	100	43	140
Benzo[a]pyrene	ND	ug/L	100	42	140
Benzo[b]fluoranthene	ND	ug/L	100	56	190
Benzo[g,h,i]perylene	ND	ug/L	100	91	290
Benzo[k]fluoranthene	ND	ug/L	100	90	300
Butylbenzylphthalate	ND	ug/L	100	170	560
Chrysene	ND	ug/L	100	120	370
Di-n-butylphthalate	ND	ug/L	100	58	190
Dibenzo[a,h]anthracene	ND	ug/L	100	56	190
2,4-Dimethylphenol	ND	ug/L	100	160	540
Fluoranthene	ND	ug/L	100	42	140
Fluorene	ND	ug/L	100	61	200
Indeno[1,2,3-cd]pyrene	ND	ug/L	100	54	180
2-Methylnaphthalene	650	ug/L	100	76	250
2-Methylphenol	ND	ug/L	100	120	400
3 & 4-Methylphenol	ND	ug/L	100	130	420
Naphthalene	3500	ug/L	100	73	240
Phenanthrene	ND	ug/L	100	41	140
Phenol	ND	ug/L	100	51	170
Pyrene	ND	ug/L	100	98	310
2-Fluorophenol (SURR**)	34%				
Phenol-d5 (SURR**)	17%				
Nitrobenzene-d5 (SURR**)	90%				
2-Fluorobiphenyl (SURR**)	103%				
2,4,6-Tribromophenol (SURR**)	92%				
Terphenyl-d14 (SURR**)	99%				

Matrix spike and matrix spike duplicate recoveries for Phenol were below in-house QC limits.

Surrogate recovery for Phenol-d5 was outside in-house QC limits due to sample matrix.

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

Customer: URS Corporation (Madison) NLS Project: 76879

Project Description: NSP/05644-097

Project Title: Template: 8270W-URS Printed: 10/20/2003 11:34

Sample: 321660 MW-19B Dup Collected: 10/01/03 Analyzed: 10/13/03

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	100	67	220
Acenaphthylene	[150]	ug/L	100	130	430
Anthracene	ND	ug/L	100	41	140
Benzo[a]anthracene	ND	ug/L	100	43	140
Benzo[a]pyrene	ND	ug/L	100	42	140
Benzo[b]fluoranthene	ND	ug/L	100	56	190
Benzo[g,h,i]perylene	ND	ug/L	100	91	290
Benzo[k]fluoranthene	ND	ug/L	100	90	300
Butylbenzylphthalate	ND	ug/L	100	170	560
Chrysene	ND	ug/L	100	120	370
Di-n-butylphthalate	ND	ug/L	100	58	190
Dibenzo[a,h]anthracene	ND	ug/L	100	56	190
2,4-Dimethylphenol	ND	ug/L	100	160	540
Fluoranthene	ND	ug/L	100	42	140
Fluorene	ND	ug/L	100	61	200
Indeno[1,2,3-cd]pyrene	ND	ug/L	100	54	180
2-Methylnaphthalene	570	ug/L	100	76	250
2-Methylphenol	ND	ug/L	100	120	400
3 & 4-Methylphenol	ND	ug/L	100	130	420
Naphthalene	3200	ug/L	100	73	240
Phenanthrene	ND	ug/L	100	41	140
Phenol	ND	ug/L	100	51	170
Pyrene	ND	ug/L	100	98	310
2-Fluorophenol (SURR**)	23%				
Phenol-d5 (SURR**)	23%				
Nitrobenzene-d5 (SURR**)	75%				
2-Fluorobiphenyl (SURR**)	83%				
2,4,6-Tribromophenol (SURR**)	64%				
Terphenyl-d14 (SURR**)	77%				

Matrix spike and matrix spike duplicate recoveries for Phenol were below in-house QC limits.

Surrogate recovery for 2-Fluorophenol was outside in-house QC limits due to sample matrix.

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

Customer: URS Corporation (Madison) **NLS Project: 76879**
Project Description: NSP/05644-097
Project Title: **Template: 8270W-URS** **Printed: 10/20/2003 11:34**

Sample: 321661 **MW-2BR** **Collected: 10/01/03** **Analyzed: 10/13/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	100	67	220
Acenaphthylene	ND	ug/L	100	130	430
Anthracene	ND	ug/L	100	41	140
Benzo[a]anthracene	ND	ug/L	100	43	140
Benzo[a]pyrene	ND	ug/L	100	42	140
Benzo[b]fluoranthene	ND	ug/L	100	56	190
Benzo[g,h,i]perylene	ND	ug/L	100	91	290
Benzo[k]fluoranthene	ND	ug/L	100	90	300
Butylbenzylphthalate	ND	ug/L	100	170	560
Chrysene	ND	ug/L	100	120	370
Di-n-butylphthalate	ND	ug/L	100	58	190
Dibenzo[a,h]anthracene	ND	ug/L	100	56	190
2,4-Dimethylphenol	ND	ug/L	100	160	540
Fluoranthene	ND	ug/L	100	42	140
Fluorene	ND	ug/L	100	61	200
Indeno[1,2,3-cd]pyrene	ND	ug/L	100	54	180
2-Methylnaphthalene	490	ug/L	100	76	250
2-Methylphenol	ND	ug/L	100	120	400
3 & 4-Methylphenol	ND	ug/L	100	130	420
Naphthalene	3700	ug/L	100	73	240
Phenanthrene	ND	ug/L	100	41	140
Phenol	ND	ug/L	100	51	170
Pyrene	ND	ug/L	100	98	310
2-Fluorophenol (SURR**)	33%				
Phenol-d5 (SURR**)	19%				
Nitrobenzene-d5 (SURR**)	90%				
2-Fluorobiphenyl (SURR**)	92%				
2,4,6-Tribromophenol (SURR**)	71%				
Terphenyl-d14 (SURR**)	88%				

Matrix spike and matrix spike duplicate recoveries for Phenol were below in-house QC limits.

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

Customer: URS Corporation (Madison) **NLS Project: 76879**
Project Description: NSP/05644-097
Project Title: **Template: 8270W-URS** **Printed: 10/20/2003 11:34**

Sample: 321808 **MW-9A** **Collected: 10/01/03** **Analyzed: 10/13/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	1	0.67	2.2
Acenaphthylene	[1.9]	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
Butylbenzylphthalate	ND	ug/L	1	1.7	5.6
Chrysene	ND	ug/L	1	1.2	3.7
Di-n-butylphthalate	ND	ug/L	1	0.58	1.9
Dibenzo[a,h]anthracene	ND	ug/L	1	0.56	1.9
2,4-Dimethylphenol	ND	ug/L	1	1.6	5.4
Fluoranthene	ND	ug/L	1	0.42	1.4
Fluorene	[0.67]	ug/L	1	0.61	2.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	1	0.54	1.8
2-Methylnaphthalene	10	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	41	ug/L	1	0.73	2.4
Phenanthrene	[0.90]	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
2-Fluorophenol (SURR**)	30%				
Phenol-d5 (SURR**)	21%				
Nitrobenzene-d5 (SURR**)	86%				
2-Fluorobiphenyl (SURR**)	81%				
2,4,6-Tribromophenol (SURR**)	61%				
Terphenyl-d14 (SURR**)	77%				

Matrix spike and matrix spike duplicate recoveries for Phenol were below in-house QC limits.

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

Customer: URS Corporation (Madison) **NLS Project: 76879**
Project Description: NSP/05644-097
Project Title: **Template: 8270W-URS** **Printed: 10/20/2003 11:34**

Sample: 321809 **MW-21A** **Collected: 10/01/03** **Analyzed: 10/13/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	200	130	450
Acenaphthylene	[330]	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
Butylbenzylphthalate	ND	ug/L	200	330	1100
Chrysene	ND	ug/L	200	230	740
Di-n-butylphthalate	ND	ug/L	200	120	380
Dibenzo[a,h]anthracene	ND	ug/L	200	110	370
2,4-Dimethylphenol	ND	ug/L	200	320	1100
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
2-Methylnaphthalene	1200	ug/L	200	150	510
2-Methylphenol	ND	ug/L	200	240	810
3 & 4-Methylphenol	ND	ug/L	200	250	840
Naphthalene	6100	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
2-Fluorophenol (SURR**)	21%				
Phenol-d5 (SURR**)	43%				
Nitrobenzene-d5 (SURR**)	101%				
2-Fluorobiphenyl (SURR**)	100%				
2,4,6-Tribromophenol (SURR**)	81%				
Terphenyl-d14 (SURR**)	133%				

Matrix spike and matrix spike duplicate recoveries for Phenol were below in-house QC limits.

Surrogate recovery for 2-Fluorophenol was outside in-house QC limits due to sample matrix.

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

Customer: URS Corporation (Madison) **NLS Project: 76879**
Project Description: NSP/05644-097
Project Title: **Template: 8270W-URS** **Printed: 10/20/2003 11:34**

Sample: 321810 **MW-13A** **Collected: 10/02/03** **Analyzed: 10/13/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	200	130	450
Acenaphthylene	[330]	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
Butylbenzylphthalate	ND	ug/L	200	330	1100
Chrysene	ND	ug/L	200	230	740
Di-n-butylphthalate	ND	ug/L	200	120	380
Dibenzo[a,h]anthracene	ND	ug/L	200	110	370
2,4-Dimethylphenol	1300	ug/L	200	320	1100
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
2-Methylnaphthalene	1200	ug/L	200	150	510
2-Methylphenol	[630]	ug/L	200	240	810
3 & 4-Methylphenol	[820]	ug/L	200	250	840
Naphthalene	6600	ug/L	200	150	490
Phenanthrene	ND	ug/L	200	82	270
Phenol	[140]	ug/L	200	100	340
Pyrene	ND	ug/L	200	200	620
2-Fluorophenol (SURR**)	72%				
Phenol-d5 (SURR**)	15%				
Nitrobenzene-d5 (SURR**)	97%				
2-Fluorobiphenyl (SURR**)	98%				
2,4,6-Tribromophenol (SURR**)	130%				
Terphenyl-d14 (SURR**)	104%				

Matrix spike and matrix spike duplicate recoveries for Phenol were below in-house QC limits.

Surrogate recoveries for Phenol-d5 and 2,4,6-Tribromophenol were outside in-house QC limits due to sample matrix.

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

Customer: URS Corporation (Madison) **NLS Project: 76879**
Project Description: NSP/05644-097
Project Title: **Template: 8270W-URS** **Printed: 10/20/2003 11:34**

Sample: 321811 **MW-13C** **Collected: 10/02/03** **Analyzed: 10/14/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Acenaphthene	ND	ug/L	1	0.67	2.2
Acenaphthylene	[1.5]	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
Butylbenzylphthalate	ND	ug/L	1	1.7	5.6
Chrysene	ND	ug/L	1	1.2	3.7
Di-n-butylphthalate	ND	ug/L	1	0.58	1.9
Dibenzo[a,h]anthracene	ND	ug/L	1	0.56	1.9
2,4-Dimethylphenol	ND	ug/L	1	1.6	5.4
Fluoranthene	ND	ug/L	1	0.42	1.4
Fluorene	[0.65]	ug/L	1	0.61	2.0
Indeno[1,2,3-cd]pyrene	ND	ug/L	1	0.54	1.8
2-Methylnaphthalene	5.8	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	26	ug/L	1	0.73	2.4
Phenanthrene	[1.1]	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
2-Fluorophenol (SURR**)	33%				
Phenol-d5 (SURR**)	22%				
Nitrobenzene-d5 (SURR**)	83%				
2-Fluorobiphenyl (SURR**)	81%				
2,4,6-Tribromophenol (SURR**)	86%				
Terphenyl-d14 (SURR**)	73%				

Matrix spike and matrix spike duplicate recoveries for Phenol were below in-house QC limits.

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

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460

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. 61761

CLIENT: URS Corporation	
ADDRESS: 10200 Innovation Dr. Ste 500	
CITY: Milwaukee STATE: WI	ZIP: 53226
PROJECT DESCRIPTION / NO.: NSP / 05644-077	QUOTATION NO.
CONTACT: Ben Nelson	PHONE: 414-831-4102
PURCHASE ORDER NO.	FAX: 414-831-4101

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
TIS = tissue
AIR = air
DW = drinking water
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		VOCs 8260 (G N)	SVOCs 8270 (G N)	Total Cyanide (G N)									COLLECTION REMARKS
1.	321808	MW-9A	10/1/03	1330	GW		X	X	X									
2.	321809	MW-21A	↓	1400	↓		X	X	X									
3.	321810	MW-13A	10/2/03	0850	↓		X	X	X									
4.	321811	MW-12C	↓	0930	↓		X	X	X									
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

ONE SAMPLE PER LINE

COLLECTED BY (signature): [signature]	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature): [signature]	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT: NLS courier	DATE/TIME

REPORT TO
Ben Nelson
Hard copy and email pdf to ben_nelson@urscorp.com

RECEIVED AT NLS BY (signature): [signature]	DATE/TIME: 10/03/03 12:15	CONDITION: on ice	TEMP.
COOLER # 28-13	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

INVOICE TO
Same

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

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE SHIPPER 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.

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SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460

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. 64659

CLIENT	URS Corp.
ADDRESS	10200 Innovation Dr. Ste 500
CITY / STATE / ZIP	Milwaukee WI 53226
PROJECT DESCRIPTION / NO.	NSP / 05644-097
QUOTATION NO.	
CONTACT	Ben Nelson
PHONE	414-831-4100
PURCHASE ORDER NO.	
FAX	414-831-4101

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
TIS = tissue
AIR = air
DW = drinking water
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		VOCs 8260 G N	SVOCs 8270 G N	Total Cyanide G N									COLLECTION REMARKS
1.	321656	MW-18A	10/1/03	0930	GW		X	X	X									
2.	321657	MW-18B		0945			X	X	X									
3.	321658	MW-19		1040			X	X	X									
4.	321659	MW-19B		1030			X	X	X									
5.	321660	MW-19B Dup		1030			X	X	X									
6.	321661	MW-2BR		1130			X	X	X									
7.	321662	Trip Blank					X											
8.																		
9.																		
10.																		

ONE SAMPLE PER LINE

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature) 10/1/03 1400	RECEIVED BY (signature) 10-2-03	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT NLS courier	DATE/TIME

RECEIVED AT NLS BY (signature)	DATE/TIME 10-2-03 12:45	CONDITION Good	TEMP.
COOLER #	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

REPORT TO
Ben Nelson
hardcopy & pdf email
ben_nelson@urscorp.com

INVOICE TO
Same

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

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE SHIPPER 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.

DUPLICATE COPY

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460

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. 64658

CLIENT	URS Corporation
ADDRESS	10200 Innovation Dr. Ste 500
CITY / STATE / ZIP	Milwaukee WI 53226
PROJECT DESCRIPTION / NO.	NSP / 05644-097
QUOTATION NO.	
CONTACT	Ben Nelson
PHONE	414-831-4100
PURCHASE ORDER NO.	
FAX	414-831-4101

MATRIX:
SW = surface water
WW = waste water
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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.

ONE SAMPLE PER LINE

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX		VOCs 8260 (G)	SVOCs 8270 (G)	Total Cyanide (G)									COLLECTION REMARKS
1.	321646	MW-2A Net	9/30/03	1400	GW		X	X	X									
2.	321647	MW-2B Net		1415			X	X	X									
3.	321648	MW-9B		1600			X	X	X									
4.	321649	MW-9		1545			X	X	X									
5.	321650	MW-8A		1700			X	X	X									
6.	321651	MW-8A Dup		1700			X	X	X									
7.	321652	MW-5A	10/1/03	0830			X	X	X									
8.	321653	MW-5B		0845			X	X	X									
9.	321654	MW-5B Dup		0845			X	X	X									
10.	321655	MW-5C		0815			X	X	X									

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature) 10/1/03 1400	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT: NLS courier	DATE/TIME

REPORT TO
Ben Nelson
hard copy & pdf email
to ben.nelson@urscorp.com

INVOICE TO
Same

RECEIVED AT NLS BY (signature) Mary Vane	DATE/TIME 10-2-03 12:45	CONDITION on ice	TEMP.
COOLER # 48-122 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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DUPLICATE COPY

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460

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. 64657

CLIENT	URS Corporation
ADDRESS	10200 Innovation Dr. Ste 500
CITY / STATE / ZIP	Milwaukee / WI / 53226
PROJECT DESCRIPTION / NO.	NSP / 05644-097
QUOTATION NO.	
CONTACT	Ben Nelson
PHONE	414-831-4100
PURCHASE ORDER NO.	
FAX	414-831-4101

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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		VOC 8260	SVOC 8270	Total Cyanide									COLLECTION REMARKS
1.	321560	MW-20A	9/30/03	1000	GW		X	X	X									
2.	321561	MW-22A		1145			X	X	X									
3.	321562	MW-22B		1200			X	X	X									
4.	321563	MW-2		1310			X	X	X									
5.	321564	MW-2		1320	V		X	X	X									
6.	321565	Trip Blank																
7.																		
8.																		
9.																		
10.																		

ONE SAMPLE PER LINE

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature) 9/30/03 14:00	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT: NLS courier	DATE/TIME

RECEIVED AT NLS BY (signature) Deborah A. Nelson	DATE/TIME 10/01/03 12:00	CONDITION Ok	TEMP.
COOLER #	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

REPORT TO
Ben Nelson
hard copy & email pdf
ben_nelson@urscorp.com

INVOICE TO
Same

PRESERVATIVE:
NP = no preservative
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N = nitric acid
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M = methanol
OH = sodium hydroxide
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DUPLICATE COPY

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460

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. 64656

CLIENT	URS Corporation
ADDRESS	10200 Innovation Dr. Ste 500
CITY / STATE / ZIP	Milwaukee / WI / 53226
PROJECT DESCRIPTION / NO.	NSP / 05644-097
QUOTATION NO.	
CONTACT	Ben Nelson
PHONE	414-831-4100
PURCHASE ORDER NO.	
FAX	414-831-4101

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Indicate G or C if WW Sample is Grab or Composite.

ONE SAMPLE PER LINE

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX		ANALYZE PER ORDER OF ANALYSIS: VOC 8260	SVOC 8270	Total Cyanide								COLLECTION REMARKS
1.	321550	Influent	9/29/03	1400	GW		X										Level 4
2.	321551	Pre Carbon	↓	1345	↓		X										data pkg.
3.	321552	Effluent	↓	1330	↓	X											not required
4.	321553	MW-4B	9/30/03	1045	↓		X	X	X								
5.	321554	MW-4B	↓	1100	↓		X	X	X								
6.	321555	MW-6A	↓	1115	↓		X	X	X								
7.	321556	MW-7A	↓	1300	↓		X	X	X								
8.	321557	MW-10A	↓	0945	↓		X	X	X								
9.	321558	MW-13D	↓	0830	↓		X	X	X								
10.	321559	MW-17A	↓	0900	↓		X	X	X								

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature) 9/30/03 1400	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT: NLS Courier	DATE/TIME

REPORT TO
Ben Nelson
hard copy & email pdf
ben_nelson@urscorp.com

RECEIVED AT NLS BY (signature)	DATE/TIME 10/01/03 12:00	CONDITION Intact	TEMP.
COOLER # 34-12, 48-117, 48-92	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

INVOICE TO
Same

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N = nitric acid
Z = zinc acetate
M = methanol
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DUPLICATE COPY

TestAmerica
ANALYTICAL TESTING CORPORATION
704 Enterprise Drive • Cedar Falls, IA 50613 • 319-277-2401 • Fax 319-277-2425 • 800-750-2401

ANALYTICAL REPORT

Ben Nelson
URS CORPORATION
5250 East Terrace Drive
Madison, WI 53718

11/10/2003

Date Received: 11/03/2003

URS/XCEL ENERGY
CC: NEW FIELDS ATTN: DAVE TRAINOR

Job Number: 03.14832

	Result	Units	Result Flag	Date Taken	Date Analyzed	Analyst	Analysis Method	Quantitation Limit
767760 Air Stripper								
Air Volume	3.0	Liters		10/29/2003	11/10/2003	bcg		
Benzene (UST)	<0.020	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.020
Benzene (UST)	<6.67	mg/m3		10/29/2003	11/10/2003	bcg		
Ethyl Benzene (UST)	<0.020	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.020
Ethyl Benzene (UST)	<6.67	mg/m3		10/29/2003	11/10/2003	bcg		
Hydrocarbons, Total (UST)	<0.030	mg		10/29/2003	11/06/2003	eee	NIOSH 1550	0.030
Hydrocarbons, Total (UST)	<10.0	mg/m3		10/29/2003	11/10/2003	bcg		
Toluene (UST)	<0.020	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.020
Toluene (UST)	<6.67	mg/m3		10/29/2003	11/10/2003	bcg		
Xylenes, Total (UST)	<0.030	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.030
Xylenes, Total (UST)	<10.0	mg/m3		10/29/2003	11/10/2003	bcg		
767761 1st Stage Carbon								
Air Volume	3.0	Liters		10/29/2003	11/10/2003	bcg		
Benzene (UST)	<0.020	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.020
Benzene (UST)	<6.67	mg/m3		10/29/2003	11/10/2003	bcg		
Ethyl Benzene (UST)	<0.020	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.020
Ethyl Benzene (UST)	<6.67	mg/m3		10/29/2003	11/10/2003	bcg		
Hydrocarbons, Total (UST)	0.043	mg		10/29/2003	11/06/2003	eee	NIOSH 1550	0.030
Hydrocarbons, Total (UST)	14.3	mg/m3		10/29/2003	11/10/2003	bcg		
Toluene (UST)	<0.020	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.020

TOTAL HYDROCARBONS QUANTIFIED AS: Gasoline

Michael K. McGee, CIH
Division Manager
AIHA Lab Accreditation No. 285

Results are not blank corrected.
This report shall not be reproduced except in full without the written approval of the laboratory.
Results relate only to the items tested.

TestAmerica
ANALYTICAL TESTING CORPORATION
704 Enterprise Drive • Cedar Falls, IA 50613 • 319-277-2401 • Fax 319-277-2425 • 800-750-2401

ANALYTICAL REPORT

Ben Nelson
URS CORPORATION
5250 East Terrace Drive
Madison, WI 53718

11/10/2003

Date Received: 11/03/2003

URS/XCEL ENERGY
CC: NEW FIELDS ATTN: DAVE TRAINOR

Job Number: 03.14832

	Result	Units	Result Flag	Date Taken	Date Analyzed	Analyst	Analysis Method	Quantitation Limit
767761 1st Stage Carbon								
Toluene (UST)	<6.67	mg/m3		10/29/2003	11/10/2003	bcg		
Xylenes, Total (UST)	<0.030	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.030
Xylenes, Total (UST)	<10.0	mg/m3		10/29/2003	11/10/2003	bcg		
767762 Air Effluent								
Air Volume	5.0	Liters		10/29/2003	11/10/2003	bcg		
Benzene (UST)	<0.020	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.020
Benzene (UST)	<4.00	mg/m3		10/29/2003	11/10/2003	bcg		
Ethyl Benzene (UST)	<0.020	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.020
Ethyl Benzene (UST)	<4.00	mg/m3		10/29/2003	11/10/2003	bcg		
Hydrocarbons, Total (UST)	0.070	mg		10/29/2003	11/06/2003	eee	NIOSH 1550	0.030
Hydrocarbons, Total (UST)	14.0	mg/m3		10/29/2003	11/10/2003	bcg		
Toluene (UST)	<0.020	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.020
Toluene (UST)	<4.00	mg/m3		10/29/2003	11/10/2003	bcg		
Xylenes, Total (UST)	<0.030	mg		10/29/2003	11/06/2003	eee	NIOSH 1501	0.030
Xylenes, Total (UST)	<6.00	mg/m3		10/29/2003	11/10/2003	bcg		

TOTAL HYDROCARBONS QUANTIFIED AS: Gasoline

Michael K. McGee, CIH
Division Manager
AIHA Lab Accreditation No. 285

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TestAmerica
INCORPORATED

Cedar Falls Division
704 Enterprise Drive
Cedar Falls, IA 50613
Ph: 1-800-750-2401
or (319) 277-2401
Fax: (319) 277-2425

LABORATORY REQUEST FORM

Send Report To: Dave Trainor
Send Invoice To: Dave Trainor
Company: New Fields
Address: 10 E. Doty St. Suite 800
City,State, Zip: Madison, Wisc. 53703
Phone: 608-204-5810 Fax: 608-204-5811

Date Results Requested:
Rush Charges Authorized: YES NO
Fax Results: YES NO

Project Name: URS / Xcel Project No.: P.O. Number:

SAMPLE DESCRIPTION:	SAMPLE DATE:	MEDIA TYPE:	SAMPLE MINUTES:	AIR VOLUME: (Liters)	ANALYSIS:	PUMP NUMBER
Air Stripper	10/29			3.0	NIOSH 1501 NIOSH 1550	1
1st Stage Carbon	10/29			3.0	" "	1
Air Effluent	10/29			5.0	" "	1

CHAIN OF CUSTODY

Collected by: (Print) M.E. Douglas	Date/Time:	Method of Shipment: U.S. Post Office	Date/Time:
Relinquished by: Coleman Eng	10/30 pm	Received for TestAmerica by: [signature]	10/2 11/03/03 9:00

Laboratory Use Only:
Vinyas report to Dr. Kebetha
Due 11/13/03 (Sed)
Quote 03.0583
S.T. 18431
(Login #90732)
Copy to New Fields/Dave Trainor

Comments:

Distribution: WHITE – Laboratory Copy YELLOW – Customer Copy

TestAmerica - Cedar Falls Division

IH Sample Receipt Form

Client: URS / Coleman Engineering Project: URS / XCEL

City: _____

Date: 11/03/03 Receiver's Initials JD Time (if Applicable): 9:00

COC Completed Correctly? [X] Yes [ ] No

(Cite inconsistencies below)

Sample Checklist (Check indicates conformance failure)

	Received Broken		Information Missing
	Improper Media		Missing Sample
	Missing Label		Sample Past Hold Date
	Temperature		Extra Sample
	COC Discrepancy		Insufficient Sample Volume
	Other:		

Couriers

[ ]	Airborne	[ ]	Speedy
[ ]	UPS	[ ]	TA Courier
[ ]	Velocity	[ ]	TA Field Svs
[ ]	FedEx	[ ]	Client
[ ]	DHL		
[ ]	US Postal	[ ]	Other

[X] Samples Not Received in a Cooler

[X] Temperature Not Taken

Reviewed By SD Date 11/3/03

Comments SD

Remarks/Action Taken: Initial/Date:

Log-In By:

(JP) MF EM

OT _____

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 000330
EPA Laboratory ID No. WI00034

Printed: 11/12/03 Code: S

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

Project: URS/Xcel-Ashland

NLS Project: 77567
NLS Customer: 91206
Fax: 414 831 4101 Phone: 414 831 4100

Influent, Grab NLS ID: 324539
Ref. Line 1 COC 65687 Influent, Grab Matrix: WW
Collected: 10/29/03 14:15 Received: 10/31/03

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					11/07/03	SW846 8260	721026460

Pre Carbon, Grab NLS ID: 324540
Ref. Line 4 COC 65687 Pre Carbon, Grab Matrix: WW
Collected: 10/29/03 14:30 Received: 10/31/03

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					11/10/03	SW846 8260	721026460

Effluent, Grab NLS ID: 324541
Ref. Line 7 COC 65687 Effluent, Grab Matrix: WW
Collected: 10/29/03 14:45 Received: 10/31/03

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					11/10/03	SW846 8260	721026460

Trip Blank NLS ID: 324542
Ref. Line COC 65687 Trip Blank Matrix: TB
Collected: 10/29/03 00:00 Received: 10/31/03

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					11/07/03	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

COPY

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)

Customer: URS Corporation (Milwaukee) **NLS Project: 77567**
Project Description: URS/Xcel-Ashland
Project Title: **Template: SAT2W** **Printed: 11/12/2003 13:00**

Sample: 324539 **Influent, Grab** **Collected: 10/29/03** **Analyzed: 11/07/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	1200	ug/L	800	180	620
Bromobenzene	ND	ug/L	800	150	520
Bromochloromethane	ND	ug/L	800	160	570
Bromodichloromethane	ND	ug/L	800	150	530
Bromoform	[430]	ug/L	800	140	490
Bromomethane	ND	ug/L	800	190	670
n-Butylbenzene	ND	ug/L	800	180	640
sec-Butylbenzene	ND	ug/L	800	200	690
tert-Butylbenzene	ND	ug/L	800	200	700
Carbon Tetrachloride	ND	ug/L	800	140	490
Chlorobenzene	ND	ug/L	800	150	500
Chloroethane	ND	ug/L	800	800	2800
Chloroform	ND	ug/L	800	170	580
Chloromethane	ND	ug/L	800	140	500
2-Chlorotoluene	ND	ug/L	800	180	610
4-Chlorotoluene	ND	ug/L	800	130	440
Dibromochloromethane	ND	ug/L	800	130	460
1,2-Dibromo-3-Chloropropane	ND	ug/L	800	170	570
1,2-Dibromoethane	ND	ug/L	800	160	550
Dibromomethane	ND	ug/L	800	160	560
1,2-Dichlorobenzene	ND	ug/L	800	140	480
1,3-Dichlorobenzene	ND	ug/L	800	160	560
1,4-Dichlorobenzene	ND	ug/L	800	170	590
Dichlorodifluoromethane	ND	ug/L	800	200	700
1,1-Dichloroethane	ND	ug/L	800	170	590
1,2-Dichloroethane	ND	ug/L	800	160	560
1,1-Dichloroethene	ND	ug/L	800	210	730
cis-1,2-Dichloroethene	ND	ug/L	800	170	600
trans-1,2-Dichloroethene	ND	ug/L	800	190	640
1,2-Dichloropropane	ND	ug/L	800	150	530
1,3-Dichloropropane	ND	ug/L	800	140	500
2,2-Dichloropropane	ND	ug/L	800	200	700
1,1-Dichloropropene	ND	ug/L	800	140	470
cis-1,3-Dichloropropene	ND	ug/L	800	180	640
trans-1,3-Dichloropropene	ND	ug/L	800	190	640
Ethylbenzene	[210]	ug/L	800	160	570
Hexachlorobutadiene	ND	ug/L	800	150	510
Isopropylbenzene	ND	ug/L	800	150	500
p-Isopropyltoluene	ND	ug/L	800	180	630
Methylene chloride	ND	ug/L	800	190	600
Naphthalene	6100	ug/L	800	310	1100
n-Propylbenzene	ND	ug/L	800	220	750
ortho-Xylene	ND	ug/L	800	150	510
Styrene	ND	ug/L	800	140	480
1,1,1,2-Tetrachloroethane	ND	ug/L	800	160	540
1,1,2,2-Tetrachloroethane	ND	ug/L	800	160	570
Tetrachloroethene	ND	ug/L	800	140	500
Toluene	790	ug/L	800	190	650
1,2,3-Trichlorobenzene	ND	ug/L	800	230	810
1,2,4-Trichlorobenzene	ND	ug/L	800	190	670
1,1,1-Trichloroethane	ND	ug/L	800	180	630
1,1,2-Trichloroethane	ND	ug/L	800	110	360

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)

Customer: URS Corporation (Milwaukee) **NLS Project: 77567**
Project Description: URS/Xcel-Ashland
Project Title: **Template: SAT2W** **Printed: 11/12/2003 13:01**

Sample: 324539 **Influent, Grab** **Collected: 10/29/03** **Analyzed: 11/07/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Trichloroethene	ND	ug/L	800	170	600
Trichlorofluoromethane	ND	ug/L	800	180	620
1,2,3-Trichloropropane	ND	ug/L	800	170	590
1,2,4-Trimethylbenzene	ND	ug/L	800	190	660
1,3,5-Trimethylbenzene	ND	ug/L	800	220	750
Vinyl chloride	ND	ug/L	800	140	540
meta,para-Xylene	ND	ug/L	800	300	1000
MTBE	ND	ug/L	800	86	270
Isopropyl ether	ND	ug/L	800	150	520
Dibromofluoromethane (SURR**)	94%				
Toluene-d8 (SURR**)	99%				
1-Bromo-4-Fluorobenzene (SURR**)	90%				

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)

Customer: URS Corporation (Milwaukee) **NLS Project: 77567**
Project Description: URS/Xcel-Ashland
Project Title: **Template: SAT2W** **Printed: 11/12/2003 13:01**

Sample: 324540 **Pre Carbon, Grab** **Collected: 10/29/03** **Analyzed: 11/10/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	[3.4]	ug/L	12.5	2.8	9.7
Bromobenzene	ND	ug/L	12.5	2.4	8.1
Bromochloromethane	ND	ug/L	12.5	2.6	8.9
Bromodichloromethane	ND	ug/L	12.5	2.4	8.2
Bromoform	ND	ug/L	12.5	2.2	7.6
Bromomethane	ND	ug/L	12.5	3.0	10
n-Butylbenzene	ND	ug/L	12.5	2.9	10
sec-Butylbenzene	ND	ug/L	12.5	3.1	11
tert-Butylbenzene	ND	ug/L	12.5	3.2	11
Carbon Tetrachloride	ND	ug/L	12.5	2.2	7.6
Chlorobenzene	ND	ug/L	12.5	2.3	7.8
Chloroethane	ND	ug/L	12.5	13	43
Chloroform	ND	ug/L	12.5	2.6	9.1
Chloromethane	ND	ug/L	12.5	2.3	7.8
2-Chlorotoluene	ND	ug/L	12.5	2.7	9.5
4-Chlorotoluene	ND	ug/L	12.5	2.0	6.8
Dibromochloromethane	ND	ug/L	12.5	2.1	7.3
1,2-Dibromo-3-Chloropropane	ND	ug/L	12.5	2.6	9.0
1,2-Dibromoethane	ND	ug/L	12.5	2.5	8.7
Dibromomethane	ND	ug/L	12.5	2.6	8.8
1,2-Dichlorobenzene	ND	ug/L	12.5	2.2	7.5
1,3-Dichlorobenzene	ND	ug/L	12.5	2.5	8.7
1,4-Dichlorobenzene	ND	ug/L	12.5	2.7	9.2
Dichlorodifluoromethane	ND	ug/L	12.5	3.2	11
1,1-Dichloroethane	ND	ug/L	12.5	2.7	9.3
1,2-Dichloroethane	ND	ug/L	12.5	2.5	8.7
1,1-Dichloroethene	ND	ug/L	12.5	3.3	11
cis-1,2-Dichloroethene	ND	ug/L	12.5	2.7	9.3
trans-1,2-Dichloroethene	ND	ug/L	12.5	2.9	10
1,2-Dichloropropane	ND	ug/L	12.5	2.4	8.3
1,3-Dichloropropane	ND	ug/L	12.5	2.2	7.7
2,2-Dichloropropane	ND	ug/L	12.5	3.2	11
1,1-Dichloropropene	ND	ug/L	12.5	2.2	7.4
cis-1,3-Dichloropropene	ND	ug/L	12.5	2.9	10
trans-1,3-Dichloropropene	ND	ug/L	12.5	2.9	10
Ethylbenzene	ND	ug/L	12.5	2.6	8.9
Hexachlorobutadiene	ND	ug/L	12.5	2.3	8.0
Isopropylbenzene	ND	ug/L	12.5	2.3	7.9
p-Isopropyltoluene	ND	ug/L	12.5	2.8	9.8
Methylene chloride	ND	ug/L	12.5	3.0	9.4
Naphthalene	140	ug/L	12.5	4.9	17
n-Propylbenzene	ND	ug/L	12.5	3.4	12
ortho-Xylene	[3.9]	ug/L	12.5	2.3	7.9
Styrene	[4.3]	ug/L	12.5	2.2	7.4
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	2.4	8.4
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.6	8.8
Tetrachloroethene	ND	ug/L	12.5	2.3	7.8
Toluene	[5.5]	ug/L	12.5	2.9	10
1,2,3-Trichlorobenzene	ND	ug/L	12.5	3.7	13
1,2,4-Trichlorobenzene	ND	ug/L	12.5	3.0	10
1,1,1-Trichloroethane	ND	ug/L	12.5	2.9	9.9
1,1,2-Trichloroethane	ND	ug/L	12.5	1.7	5.7

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)

Customer: URS Corporation (Milwaukee) **NLS Project: 77567**
Project Description: URS/Xcel-Ashland
Project Title: **Template: SAT2W** **Printed: 11/12/2003 13:01**

Sample: 324540 **Pre Carbon, Grab** **Collected: 10/29/03** **Analyzed: 11/10/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Trichloroethene	ND	ug/L	12.5	2.7	9.3
Trichlorofluoromethane	ND	ug/L	12.5	2.8	9.8
1,2,3-Trichloropropane	ND	ug/L	12.5	2.7	9.2
1,2,4-Trimethylbenzene	[5.6]	ug/L	12.5	3.0	10
1,3,5-Trimethylbenzene	ND	ug/L	12.5	3.4	12
Vinyl chloride	ND	ug/L	12.5	2.2	8.4
meta,para-Xylene	[7.0]	ug/L	12.5	4.6	16
MTBE	ND	ug/L	12.5	1.3	4.3
Isopropyl ether	ND	ug/L	12.5	2.4	8.1
Dibromofluoromethane (SURR**)	92%				
Toluene-d8 (SURR**)	96%				
1-Bromo-4-Fluorobenzene (SURR**)	87%				

Check standard recovery was outside QC limits for MTBE at 79%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)

Customer: URS Corporation (Milwaukee) **NLS Project: 77567**
Project Description: URS/Xcel-Ashland
Project Title: **Template: SAT2W** **Printed: 11/12/2003 13:01**

Sample: 324541 **Effluent, Grab** **Collected: 10/29/03** **Analyzed: 11/10/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	[0.37]	ug/L	1	0.23	0.78
Bromobenzene	ND	ug/L	1	0.19	0.65
Bromochloromethane	ND	ug/L	1	0.21	0.71
Bromodichloromethane	ND	ug/L	1	0.19	0.66
Bromoform	ND	ug/L	1	0.18	0.61
Bromomethane	ND	ug/L	1	0.24	0.84
n-Butylbenzene	ND	ug/L	1	0.23	0.80
sec-Butylbenzene	ND	ug/L	1	0.25	0.87
tert-Butylbenzene	ND	ug/L	1	0.25	0.87
Carbon Tetrachloride	ND	ug/L	1	0.18	0.61
Chlorobenzene	ND	ug/L	1	0.18	0.63
Chloroethane	ND	ug/L	1	1.0	3.5
Chloroform	ND	ug/L	1	0.21	0.72
Chloromethane	ND	ug/L	1	0.18	0.62
2-Chlorotoluene	ND	ug/L	1	0.22	0.76
4-Chlorotoluene	ND	ug/L	1	0.16	0.55
Dibromochloromethane	ND	ug/L	1	0.17	0.58
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.72
1,2-Dibromoethane	ND	ug/L	1	0.20	0.69
Dibromomethane	ND	ug/L	1	0.20	0.70
1,2-Dichlorobenzene	ND	ug/L	1	0.17	0.60
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.70
1,4-Dichlorobenzene	ND	ug/L	1	0.21	0.74
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.87
1,1-Dichloroethane	ND	ug/L	1	0.22	0.74
1,2-Dichloroethane	ND	ug/L	1	0.20	0.69
1,1-Dichloroethene	ND	ug/L	1	0.26	0.91
cis-1,2-Dichloroethene	ND	ug/L	1	0.22	0.74
trans-1,2-Dichloroethene	ND	ug/L	1	0.23	0.81
1,2-Dichloropropane	ND	ug/L	1	0.19	0.66
1,3-Dichloropropane	ND	ug/L	1	0.18	0.62
2,2-Dichloropropane	ND	ug/L	1	0.25	0.87
1,1-Dichloropropene	ND	ug/L	1	0.17	0.59
cis-1,3-Dichloropropene	ND	ug/L	1	0.23	0.80
trans-1,3-Dichloropropene	ND	ug/L	1	0.23	0.80
Ethylbenzene	ND	ug/L	1	0.21	0.71
Hexachlorobutadiene	ND	ug/L	1	0.19	0.64
Isopropylbenzene	ND	ug/L	1	0.18	0.63
p-Isopropyltoluene	ND	ug/L	1	0.23	0.78
Methylene chloride	ND	ug/L	1	0.24	0.76
Naphthalene	ND	ug/L	1	0.39	1.4
n-Propylbenzene	ND	ug/L	1	0.27	0.93
ortho-Xylene	ND	ug/L	1	0.18	0.64
Styrene	ND	ug/L	1	0.17	0.60
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.19	0.67
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.21	0.71
Tetrachloroethene	ND	ug/L	1	0.18	0.62
Toluene	[0.29]	ug/L	1	0.23	0.81
1,2,3-Trichlorobenzene	ND	ug/L	1	0.29	1.0
1,2,4-Trichlorobenzene	ND	ug/L	1	0.24	0.84
1,1,1-Trichloroethane	ND	ug/L	1	0.23	0.79
1,1,2-Trichloroethane	ND	ug/L	1	0.14	0.45

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)

Customer: URS Corporation (Milwaukee) **NLS Project: 77567**
Project Description: URS/Xcel-Ashland
Project Title: **Template: SAT2W** **Printed: 11/12/2003 13:01**

Sample: 324541 **Effluent, Grab** **Collected: 10/29/03** **Analyzed: 11/10/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Trichloroethene	ND	ug/L	1	0.22	0.75
Trichlorofluoromethane	ND	ug/L	1	0.23	0.78
1,2,3-Trichloropropane	ND	ug/L	1	0.21	0.73
1,2,4-Trimethylbenzene	ND	ug/L	1	0.24	0.83
1,3,5-Trimethylbenzene	ND	ug/L	1	0.27	0.94
Vinyl chloride	ND	ug/L	1	0.18	0.68
meta,para-Xylene	ND	ug/L	1	0.37	1.3
MTBE	ND	ug/L	1	0.11	0.34
Isopropyl ether	ND	ug/L	1	0.19	0.65
Dibromofluoromethane (SURR**)	90%				
Toluene-d8 (SURR**)	93%				
1-Bromo-4-Fluorobenzene (SURR**)	86%				

Check standard recovery was outside QC limits for MTBE at 79%.

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)

Customer: URS Corporation (Milwaukee) **NLS Project: 77567**
Project Description: URS/Xcel-Ashland
Project Title: **Template: SAT2W** **Printed: 11/12/2003 13:01**

Sample: 324542 **Trip Blank** **Collected: 10/29/03** **Analyzed: 11/07/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	ND	ug/L	1	0.23	0.78
Bromobenzene	ND	ug/L	1	0.19	0.65
Bromochloromethane	ND	ug/L	1	0.21	0.71
Bromodichloromethane	ND	ug/L	1	0.19	0.66
Bromoform	ND	ug/L	1	0.18	0.61
Bromomethane	ND	ug/L	1	0.24	0.84
n-Butylbenzene	ND	ug/L	1	0.23	0.80
sec-Butylbenzene	ND	ug/L	1	0.25	0.87
tert-Butylbenzene	ND	ug/L	1	0.25	0.87
Carbon Tetrachloride	ND	ug/L	1	0.18	0.61
Chlorobenzene	ND	ug/L	1	0.18	0.63
Chloroethane	ND	ug/L	1	1.0	3.5
Chloroform	ND	ug/L	1	0.21	0.72
Chloromethane	ND	ug/L	1	0.18	0.62
2-Chlorotoluene	ND	ug/L	1	0.22	0.76
4-Chlorotoluene	ND	ug/L	1	0.16	0.55
Dibromochloromethane	ND	ug/L	1	0.17	0.58
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.21	0.72
1,2-Dibromoethane	ND	ug/L	1	0.20	0.69
Dibromomethane	ND	ug/L	1	0.20	0.70
1,2-Dichlorobenzene	ND	ug/L	1	0.17	0.60
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.70
1,4-Dichlorobenzene	ND	ug/L	1	0.21	0.74
Dichlorodifluoromethane	ND	ug/L	1	0.25	0.87
1,1-Dichloroethane	ND	ug/L	1	0.22	0.74
1,2-Dichloroethane	ND	ug/L	1	0.20	0.69
1,1-Dichloroethene	ND	ug/L	1	0.26	0.91
cis-1,2-Dichloroethene	ND	ug/L	1	0.22	0.74
trans-1,2-Dichloroethene	ND	ug/L	1	0.23	0.81
1,2-Dichloropropane	ND	ug/L	1	0.19	0.66
1,3-Dichloropropane	ND	ug/L	1	0.18	0.62
2,2-Dichloropropane	ND	ug/L	1	0.25	0.87
1,1-Dichloropropene	ND	ug/L	1	0.17	0.59
cis-1,3-Dichloropropene	ND	ug/L	1	0.23	0.80
trans-1,3-Dichloropropene	ND	ug/L	1	0.23	0.80
Ethylbenzene	ND	ug/L	1	0.21	0.71
Hexachlorobutadiene	ND	ug/L	1	0.19	0.64
Isopropylbenzene	ND	ug/L	1	0.18	0.63
p-Isopropyltoluene	ND	ug/L	1	0.23	0.78
Methylene chloride	ND	ug/L	1	0.24	0.76
Naphthalene	ND	ug/L	1	0.39	1.4
n-Propylbenzene	ND	ug/L	1	0.27	0.93
ortho-Xylene	ND	ug/L	1	0.18	0.64
Styrene	ND	ug/L	1	0.17	0.60
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.19	0.67
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.21	0.71
Tetrachloroethene	ND	ug/L	1	0.18	0.62
Toluene	ND	ug/L	1	0.23	0.81
1,2,3-Trichlorobenzene	ND	ug/L	1	0.29	1.0
1,2,4-Trichlorobenzene	ND	ug/L	1	0.24	0.84
1,1,1-Trichloroethane	ND	ug/L	1	0.23	0.79
1,1,2-Trichloroethane	ND	ug/L	1	0.14	0.45

ANALYTICAL RESULTS: VOC's by EPA 8260 - Water - (Saturn 2)

Customer: URS Corporation (Milwaukee) **NLS Project: 77567**
Project Description: URS/Xcel-Ashland
Project Title: **Template: SAT2W** **Printed: 11/12/2003 13:01**

Sample: 324542 **Trip Blank** **Collected: 10/29/03** **Analyzed: 11/07/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Trichloroethene	ND	ug/L	1	0.22	0.75
Trichlorofluoromethane	ND	ug/L	1	0.23	0.78
1,2,3-Trichloropropane	ND	ug/L	1	0.21	0.73
1,2,4-Trimethylbenzene	ND	ug/L	1	0.24	0.83
1,3,5-Trimethylbenzene	ND	ug/L	1	0.27	0.94
Vinyl chloride	ND	ug/L	1	0.18	0.68
meta,para-Xylene	ND	ug/L	1	0.37	1.3
MTBE	ND	ug/L	1	0.11	0.34
Isopropyl ether	ND	ug/L	1	0.19	0.65
Dibromofluoromethane (SURR**)	95%				
Toluene-d8 (SURR**)	99%				
1-Bromo-4-Fluorobenzene (SURR**)	86%				

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

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460

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. 65687

CLIENT: Dave Trainor / New Fields	
ADDRESS: 10 E. Doty St. Suite 800	
CITY: Madison STATE: Wisc. ZIP: 53703	
PROJECT DESCRIPTION / NO.: URS / Xcel - Ashland	QUOTATION NO.
CONTACT: Dave Trainor	PHONE: 608-204-5810
PURCHASE ORDER NO.	FAX: 608-204-5811

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
TIS = tissue
AIR = air
DW = drinking water
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: 8260 B

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX	8260 B											COLLECTION REMARKS
1.	324539	InFluenT	10/29	2:15	GW		X										
2.		InFluenT	10/29	2:15	GW		X										
3.		InFluenT	10/29	2:15	GW		X										
4.	324540	Pre Carbon	10/29	2:30	GW		X										
5.		Pre Carbon	10/29	2:30	GW		X										
6.		Pre Carbon	10/29	2:30	GW		X										
7.	324541	EFFluenT	10/29	2:45	GW		X										
8.		EFFluenT	10/29	2:45	GW		X										
9.		EFFluenT	10/29	2:45	GW		X										
10.	324542																

ONE SAMPLE PER LINE

COLLECTED BY (signature): [signature] CEC	CUSTODY SEAL NO. (IF ANY)	DATE/TIME: 10/29 / 2:30
RELINQUISHED BY (signature): [signature] CEC	RECEIVED BY (signature): UPS	DATE/TIME: 10/30 / pm
DISPATCHED BY (signature):	METHOD OF TRANSPORT	DATE/TIME

REPORT TO: Dave Trainor

INVOICE TO: Dave Trainor

RECEIVED AT NLS BY (signature): [signature]	DATE/TIME: 10/31/03 10:30	CONDITION: ONW	TEMP.
COOLER #: Styro	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:
1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE SHIPPER 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.

TestAmerica
ANALYTICAL TESTING CORPORATION
704 Enterprise Drive • Cedar Falls, IA 50613 • 319-277-2401 • Fax 319-277-2425 • 800-750-2401

ANALYTICAL REPORT

Ben Nelson
URS CORPORATION
5250 East Terrace Drive
Madison, WI 53718

12/02/2003

Date Received: 11/24/2003

URS/XCEL ENERGY
CC: NEW FIELDS ATTN: DAVE TRAINOR

Job Number: 03.15993

	Result	Units	Result Flag	Date Taken	Date Analyzed	Analyst	Analysis Method	Quantitation Limit
771472 Air Stripper								
Air Volume	3.0	Liters		11/19/2003	12/02/2003	bcg		
Benzene (UST)	<0.020	mg		11/19/2003	12/01/2003	eee	NIOSH 1501	0.020
Benzene (UST)	<6.67	mg/m3		11/19/2003	12/02/2003	bcg		
Ethyl Benzene (UST)	<0.020	mg		11/19/2003	12/01/2003	eee	NIOSH 1501	0.020
Ethyl Benzene (UST)	<6.67	mg/m3		11/19/2003	12/02/2003	bcg		
Hydrocarbons, Total (UST)	<0.030	mg		11/19/2003	12/01/2003	eee	NIOSH 1550	0.030
Hydrocarbons, Total (UST)	<10.0	mg/m3		11/19/2003	12/02/2003	bcg		
Toluene (UST)	<0.020	mg		11/19/2003	12/01/2003	eee	NIOSH 1501	0.020
Toluene (UST)	<6.67	mg/m3		11/19/2003	12/02/2003	bcg		
Xylenes, Total (UST)	<0.030	mg		11/19/2003	12/01/2003	eee	NIOSH 1501	0.030
Xylenes, Total (UST)	<10.0	mg/m3		11/19/2003	12/02/2003	bcg		
771473 1st Stage Carbon								
Air Volume	3.0	Liters		11/19/2003	12/02/2003	bcg		
Benzene (UST)	<0.020	mg		11/19/2003	12/02/2003	eee	NIOSH 1501	0.020
Benzene (UST)	<6.67	mg/m3		11/19/2003	12/02/2003	bcg		
Ethyl Benzene (UST)	<0.020	mg		11/19/2003	12/02/2003	eee	NIOSH 1501	0.020
Ethyl Benzene (UST)	<6.67	mg/m3		11/19/2003	12/02/2003	bcg		
Hydrocarbons, Total (UST)	<0.030	mg		11/19/2003	12/02/2003	eee	NIOSH 1550	0.030
Hydrocarbons, Total (UST)	<10.0	mg/m3		11/19/2003	12/02/2003	bcg		
Toluene (UST)	<0.020	mg		11/19/2003	12/02/2003	eee	NIOSH 1501	0.020

TOTAL HYDROCARBONS QUANTIFIED AS: Gasoline

Michael K. McGee, CIH
Division Manager
AIHA Lab Accreditation No. 285

Results are not blank corrected.
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Results relate only to the items tested.

TestAmerica
ANALYTICAL TESTING CORPORATION
704 Enterprise Drive • Cedar Falls, IA 50613 • 319-277-2401 • Fax 319-277-2425 • 800-750-2401

ANALYTICAL REPORT

Ben Nelson
URS CORPORATION
5250 East Terrace Drive
Madison, WI 53718

12/02/2003

Date Received: 11/24/2003

URS/XCEL ENERGY
CC: NEW FIELDS ATTN: DAVE TRAINOR

Job Number: 03.15993

	Result	Units	Result Flag	Date Taken	Date Analyzed	Analyst	Analysis Method	Quantitation Limit
771473 1st Stage Carbon								
Toluene (UST)	<6.67	mg/m3		11/19/2003	12/02/2003	bcg		
Xylenes, Total (UST)	<0.030	mg		11/19/2003	12/02/2003	eee	NIOSH 1501	0.030
Xylenes, Total (UST)	<10.0	mg/m3		11/19/2003	12/02/2003	bcg		
771474 Air Effluent								
Air Volume	5.0	Liters		11/19/2003	12/02/2003	bcg		
Benzene (UST)	<0.020	mg		11/19/2003	12/02/2003	eee	NIOSH 1501	0.020
Benzene (UST)	<4.00	mg/m3		11/19/2003	12/02/2003	bcg		
Ethyl Benzene (UST)	<0.020	mg		11/19/2003	12/02/2003	eee	NIOSH 1501	0.020
Ethyl Benzene (UST)	<4.00	mg/m3		11/19/2003	12/02/2003	bcg		
Hydrocarbons, Total (UST)	<0.030	mg		11/19/2003	12/02/2003	eee	NIOSH 1550	0.030
Hydrocarbons, Total (UST)	<6.00	mg/m3		11/19/2003	12/02/2003	bcg		
Toluene (UST)	<0.020	mg		11/19/2003	12/02/2003	eee	NIOSH 1501	0.020
Toluene (UST)	<4.00	mg/m3		11/19/2003	12/02/2003	bcg		
Xylenes, Total (UST)	<0.030	mg		11/19/2003	12/02/2003	eee	NIOSH 1501	0.030
Xylenes, Total (UST)	<6.00	mg/m3		11/19/2003	12/02/2003	bcg		

TOTAL HYDROCARBONS QUANTIFIED AS: Gasoline

Michael K. McGee, CIH
Division Manager
AIHA Lab Accreditation No. 285

Results are not blank corrected.
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Results relate only to the items tested.

TestAmerica INCORPORATED

Cedar Falls Division
704 Enterprise Drive
Cedar Falls, IA 50613

Ph: 1-800-750-2401
or (319) 277-2401
Fax: (319) 277-2425

LABORATORY REQUEST FORM

Send Report To: Dave Trainor
Send Invoice To: Dave Trainor
Company: NewFields
Address: 10 E. Doty St. Suite 800
City, State, Zip: Madison, Wisc. 53703
Phone: 608-204-5810 Fax: 608-204-5811

Date Results Requested:
Rush Charges Authorized: YES NO
Fax Results: YES NO

Project Name: URS / Xcel Energy Project No.: P.O. Number:

SAMPLE DESCRIPTION:	SAMPLE DATE:	MEDIA TYPE:	SAMPLE MINUTES:	AIR VOLUME: (Liters)	ANALYSIS:	PUMP NUMBER
Air Stripper	11/19			3.0	NIOSH 1501 NIOSH 1550	1
1st Stage Carbon	11/19			3.0	" "	1
Air Effluent	11/19			5.0	" "	1

CHAIN OF CUSTODY

Collected by: (Print) M.E. Douglas	Date/Time:	Method of Shipment: UPS	Date/Time:
Relinquished by: Coleman Eng.	11/19 / 4pm	Received for TestAmerica by: [signature] 11/24/03	8:20

Laboratory Use Only:

quote 03.0583
S.T. 18431
Due 12/2/03 (Std)

Comments:

Distribution: WHITE – Laboratory Copy YELLOW – Customer Copy

TestAmerica - Cedar Falls Division

IH Sample Receipt Form

Client: URS / Exal

Project: _____

City: _____

Date: 11/24/03

Receiver's Initials: SCD

Time (if Applicable): 8:20

COC Completed Correctly? ☒ Yes ☐ No

(Cite inconsistencies below)

Sample Checklist (Check indicates conformance failure)

	Received Broken		Information Missing
	Improper Media		Missing Sample
	Missing Label		Sample Past Hold Date
	Temperature		Extra Sample
	COC Discrepancy		Insufficient Sample Volume
	Other:		

Couriers

☐	Airborne	☐	Speedy
☒	UPS	☐	TA Courier
☐	Velocity	☐	TA Field Svs
☐	FedEx	☐	Client
☐	DHL		
☐	US Postal	☐	Other

☐ Samples Not Received in a Cooler

☐ Temperature Not Taken

Reviewed By SCD **Date** 11/24/03

Comments SCD

Remarks/Action Taken:

Initial/Date:

Log-In By:

JP MF EM

OT _____

C:\QA Folder\QA Forms & Log Book pgs\IH Cooler Receiptrev1.doc

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 000330
EPA Laboratory ID No. WI00034

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

NLS Project: 78017
NLS Customer: 91206

Fax: 414 831 4101 Phone: 414 831 4100

Project: URS/Excel

Influent NLS ID: 326386
Ref. Line 1 COC 65899 Influent Matrix: WW
Collected: 11/19/03 11:00 Received: 11/21/03

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					11/26/03	SW846 8260	721026460

Pre Carbon NLS ID: 326387
Ref. Line 2 COC 65899 Pre Carbon Matrix: WW
Collected: 11/19/03 11:15 Received: 11/21/03

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					11/26/03	SW846 8260	721026460

Effluent NLS ID: 326388
Ref. Line 3 COC 65899 Effluent Matrix: WW
Collected: 11/19/03 11:30 Received: 11/21/03

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					11/26/03	SW846 8260	721026460

Trip Blank NLS ID: 326389
Ref. Line COC 65899 Trip Blank Matrix: TB
Collected: 11/19/03 00:00 Received: 11/21/03

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
VOCs (water) by EPA 8260	see attached					11/26/03	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: Jerry R Bock

Authorized by:
R. T. Krueger
President

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

Customer: URS Corporation (Milwaukee) **NLS Project: 78017**

Project Description: URS/Excel

Project Title: **Template: SATW** **Printed: 12/02/2003 08:50**

Sample: 326386 **Influent** **Collected: 11/19/03** **Analyzed: 11/26/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	2000	ug/L	800	230	770
Bromobenzene	ND	ug/L	800	82	290
Bromochloromethane	ND	ug/L	800	210	710
Bromodichloromethane	ND	ug/L	800	260	850
Bromoform	ND	ug/L	800	220	740
Bromomethane	ND	ug/L	800	310	1000
n-Butylbenzene	ND	ug/L	800	250	840
sec-Butylbenzene	ND	ug/L	800	260	880
tert-Butylbenzene	ND	ug/L	800	250	830
Carbon Tetrachloride	ND	ug/L	800	240	790
Chlorobenzene	ND	ug/L	800	170	560
Chloroethane	ND	ug/L	800	1400	4500
Chloroform	ND	ug/L	800	240	790
Chloromethane	ND	ug/L	800	190	600
2-Chlorotoluene	ND	ug/L	800	310	1000
4-Chlorotoluene	ND	ug/L	800	290	980
Dibromochloromethane	ND	ug/L	800	230	780
1,2-Dibromo-3-Chloropropane	ND	ug/L	800	260	880
1,2-Dibromoethane	ND	ug/L	800	240	800
Dibromomethane	ND	ug/L	800	250	850
1,2-Dichlorobenzene	ND	ug/L	800	220	740
1,3-Dichlorobenzene	ND	ug/L	800	190	630
1,4-Dichlorobenzene	ND	ug/L	800	190	620
Dichlorodifluoromethane	ND	ug/L	800	140	500
1,1-Dichloroethane	ND	ug/L	800	240	790
1,2-Dichloroethane	ND	ug/L	800	270	910
1,1-Dichloroethene	ND	ug/L	800	330	1100
cis-1,2-Dichloroethene	ND	ug/L	800	320	1100
trans-1,2-Dichloroethene	ND	ug/L	800	280	920
1,2-Dichloropropane	ND	ug/L	800	280	930
1,3-Dichloropropane	ND	ug/L	800	270	890
2,2-Dichloropropane	ND	ug/L	800	350	1200
1,1-Dichloropropene	ND	ug/L	800	260	860
cis-1,3-Dichloropropene	ND	ug/L	800	210	710
trans-1,3-Dichloropropene	ND	ug/L	800	260	860
Ethylbenzene	ND	ug/L	800	210	690
Hexachlorobutadiene	ND	ug/L	800	330	1100
Isopropylbenzene	ND	ug/L	800	290	970
p-Isopropyltoluene	ND	ug/L	800	240	810
Methylene chloride	ND	ug/L	800	340	1100
Naphthalene	6400	ug/L	800	310	1000
n-Propylbenzene	ND	ug/L	800	270	900
ortho-Xylene	[250]	ug/L	800	210	710
Styrene	[590]	ug/L	800	250	850
1,1,1,2-Tetrachloroethane	ND	ug/L	800	220	750
1,1,2,2-Tetrachloroethane	ND	ug/L	800	260	880
Tetrachloroethene	ND	ug/L	800	240	820
Toluene	1700	ug/L	800	270	900
1,2,3-Trichlorobenzene	ND	ug/L	800	290	970
1,2,4-Trichlorobenzene	ND	ug/L	800	290	970
1,1,1-Trichloroethane	ND	ug/L	800	210	710
1,1,2-Trichloroethane	ND	ug/L	800	330	1100

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

Customer: URS Corporation (Milwaukee) **NLS Project: 78017**

Project Description: URS/Excel

Project Title: **Template: SATW** **Printed: 12/02/2003 08:50**

Sample: 326386 **Influent** **Collected: 11/19/03** **Analyzed: 11/26/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Trichloroethene	ND	ug/L	800	200	660
Trichlorofluoromethane	ND	ug/L	800	310	1000
1,2,3-Trichloropropane	ND	ug/L	800	350	1200
1,2,4-Trimethylbenzene	ND	ug/L	800	240	810
1,3,5-Trimethylbenzene	ND	ug/L	800	310	1000
Vinyl chloride	ND	ug/L	800	85	300
meta,para-Xylene	ND	ug/L	800	490	1600
MTBE	ND	ug/L	800	240	810
Isopropyl Ether	ND	ug/L	800	280	940
Dibromofluoromethane (SURR**)	95%				
Toluene-d8 (SURR**)	109%				
1-Bromo-4-Fluorobenzene (SURR**)	98%				

Check standard recovery was outside QC limits for Dichlorodifluoromethane at 73%.

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

Customer: URS Corporation (Milwaukee) **NLS Project: 78017**
Project Description: URS/Excel
Project Title: **Template: SATW** **Printed: 12/02/2003 08:50**

Sample: 326387 **Pre Carbon** **Collected: 11/19/03** **Analyzed: 11/26/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	23	ug/L	20	5.8	19
Bromobenzene	ND	ug/L	20	2.1	7.3
Bromochloromethane	ND	ug/L	20	5.3	18
Bromodichloromethane	ND	ug/L	20	6.4	21
Bromoform	ND	ug/L	20	5.5	18
Bromomethane	ND	ug/L	20	7.8	26
n-Butylbenzene	ND	ug/L	20	6.3	21
sec-Butylbenzene	ND	ug/L	20	6.6	22
tert-Butylbenzene	ND	ug/L	20	6.2	21
Carbon Tetrachloride	ND	ug/L	20	5.9	20
Chlorobenzene	ND	ug/L	20	4.2	14
Chloroethane	ND	ug/L	20	34	110
Chloroform	ND	ug/L	20	5.9	20
Chloromethane	ND	ug/L	20	4.7	15
2-Chlorotoluene	ND	ug/L	20	7.9	26
4-Chlorotoluene	ND	ug/L	20	7.3	24
Dibromochloromethane	ND	ug/L	20	5.8	19
1,2-Dibromo-3-Chloropropane	ND	ug/L	20	6.6	22
1,2-Dibromoethane	ND	ug/L	20	6.0	20
Dibromomethane	ND	ug/L	20	6.4	21
1,2-Dichlorobenzene	ND	ug/L	20	5.5	19
1,3-Dichlorobenzene	ND	ug/L	20	4.7	16
1,4-Dichlorobenzene	ND	ug/L	20	4.7	16
Dichlorodifluoromethane	ND	ug/L	20	3.6	13
1,1-Dichloroethane	ND	ug/L	20	6.0	20
1,2-Dichloroethane	ND	ug/L	20	6.8	23
1,1-Dichloroethene	ND	ug/L	20	8.2	27
cis-1,2-Dichloroethene	ND	ug/L	20	8.0	27
trans-1,2-Dichloroethene	ND	ug/L	20	6.9	23
1,2-Dichloropropane	ND	ug/L	20	7.0	23
1,3-Dichloropropane	ND	ug/L	20	6.7	22
2,2-Dichloropropane	ND	ug/L	20	8.8	29
1,1-Dichloropropene	ND	ug/L	20	6.4	21
cis-1,3-Dichloropropene	ND	ug/L	20	5.4	18
trans-1,3-Dichloropropene	ND	ug/L	20	6.5	22
Ethylbenzene	ND	ug/L	20	5.2	17
Hexachlorobutadiene	ND	ug/L	20	8.3	28
Isopropylbenzene	ND	ug/L	20	7.3	24
p-Isopropyltoluene	ND	ug/L	20	6.1	20
Methylene chloride	ND	ug/L	20	8.5	28
Naphthalene	410	ug/L	20	7.8	26
n-Propylbenzene	ND	ug/L	20	6.7	22
ortho-Xylene	[13]	ug/L	20	5.3	18
Styrene	[16]	ug/L	20	6.4	21
1,1,1,2-Tetrachloroethane	ND	ug/L	20	5.6	19
1,1,2,2-Tetrachloroethane	ND	ug/L	20	6.6	22
Tetrachloroethene	ND	ug/L	20	6.1	20
Toluene	33	ug/L	20	6.7	23
1,2,3-Trichlorobenzene	ND	ug/L	20	7.3	24
1,2,4-Trichlorobenzene	ND	ug/L	20	7.3	24
1,1,1-Trichloroethane	ND	ug/L	20	5.3	18
1,1,2-Trichloroethane	ND	ug/L	20	8.4	28

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

Customer: URS Corporation (Milwaukee) **NLS Project: 78017**

Project Description: URS/Excel

Project Title: **Template: SATW** **Printed: 12/02/2003 08:50**

Sample: 326387 **Pre Carbon** **Collected: 11/19/03** **Analyzed: 11/26/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Trichloroethene	ND	ug/L	20	4.9	16
Trichlorofluoromethane	ND	ug/L	20	7.6	25
1,2,3-Trichloropropane	ND	ug/L	20	8.7	29
1,2,4-Trimethylbenzene	[12]	ug/L	20	6.1	20
1,3,5-Trimethylbenzene	ND	ug/L	20	7.8	26
Vinyl chloride	ND	ug/L	20	2.1	7.5
meta,para-Xylene	[22]	ug/L	20	12	41
MTBE	ND	ug/L	20	6.1	20
Isopropyl Ether	ND	ug/L	20	7.1	24
Dibromofluoromethane (SURR**)	97%				
Toluene-d8 (SURR**)	105%				
1-Bromo-4-Fluorobenzene (SURR**)	93%				

Check standard recovery was outside QC limits for Dichlorodifluoromethane and 1,2,4-Trimethylbenzene at 73% and 123%.

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

Customer: URS Corporation (Milwaukee) **NLS Project: 78017**

Project Description: URS/Excel

Project Title: **Template: SATW** **Printed: 12/02/2003 08:50**

Sample: 326388 **Effluent** **Collected: 11/19/03** **Analyzed: 11/26/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	[0.71]	ug/L	1	0.29	0.97
Bromobenzene	ND	ug/L	1	0.10	0.37
Bromochloromethane	ND	ug/L	1	0.27	0.89
Bromodichloromethane	ND	ug/L	1	0.32	1.1
Bromoform	ND	ug/L	1	0.28	0.92
Bromomethane	ND	ug/L	1	0.39	1.3
n-Butylbenzene	ND	ug/L	1	0.31	1.0
sec-Butylbenzene	ND	ug/L	1	0.33	1.1
tert-Butylbenzene	ND	ug/L	1	0.31	1.0
Carbon Tetrachloride	ND	ug/L	1	0.30	0.98
Chlorobenzene	ND	ug/L	1	0.21	0.70
Chloroethane	ND	ug/L	1	1.7	5.7
Chloroform	ND	ug/L	1	0.30	0.99
Chloromethane	ND	ug/L	1	0.24	0.75
2-Chlorotoluene	ND	ug/L	1	0.39	1.3
4-Chlorotoluene	ND	ug/L	1	0.37	1.2
Dibromochloromethane	ND	ug/L	1	0.29	0.97
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.33	1.1
1,2-Dibromoethane	ND	ug/L	1	0.30	1.0
Dibromomethane	ND	ug/L	1	0.32	1.1
1,2-Dichlorobenzene	ND	ug/L	1	0.28	0.93
1,3-Dichlorobenzene	ND	ug/L	1	0.24	0.79
1,4-Dichlorobenzene	ND	ug/L	1	0.23	0.78
Dichlorodifluoromethane	ND	ug/L	1	0.18	0.63
1,1-Dichloroethane	ND	ug/L	1	0.30	0.99
1,2-Dichloroethane	ND	ug/L	1	0.34	1.1
1,1-Dichloroethene	ND	ug/L	1	0.41	1.4
cis-1,2-Dichloroethene	ND	ug/L	1	0.40	1.3
trans-1,2-Dichloroethene	ND	ug/L	1	0.35	1.2
1,2-Dichloropropane	ND	ug/L	1	0.35	1.2
1,3-Dichloropropane	ND	ug/L	1	0.34	1.1
2,2-Dichloropropane	ND	ug/L	1	0.44	1.5
1,1-Dichloropropene	ND	ug/L	1	0.32	1.1
cis-1,3-Dichloropropene	ND	ug/L	1	0.27	0.89
trans-1,3-Dichloropropene	ND	ug/L	1	0.32	1.1
Ethylbenzene	ND	ug/L	1	0.26	0.87
Hexachlorobutadiene	ND	ug/L	1	0.41	1.4
Isopropylbenzene	ND	ug/L	1	0.36	1.2
p-Isopropyltoluene	ND	ug/L	1	0.30	1.0
Methylene chloride	ND	ug/L	1	0.43	1.4
Naphthalene	2.2	ug/L	1	0.39	1.3
n-Propylbenzene	ND	ug/L	1	0.34	1.1
ortho-Xylene	ND	ug/L	1	0.27	0.89
Styrene	ND	ug/L	1	0.32	1.1
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.28	0.94
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.33	1.1
Tetrachloroethene	ND	ug/L	1	0.31	1.0
Toluene	[0.57]	ug/L	1	0.34	1.1
1,2,3-Trichlorobenzene	ND	ug/L	1	0.36	1.2
1,2,4-Trichlorobenzene	ND	ug/L	1	0.37	1.2
1,1,1-Trichloroethane	ND	ug/L	1	0.27	0.88
1,1,2-Trichloroethane	ND	ug/L	1	0.42	1.4

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

Customer: URS Corporation (Milwaukee) **NLS Project: 78017**

Project Description: URS/Excel

Project Title: **Template: SATW** **Printed: 12/02/2003 08:50**

Sample: 326388 **Effluent** **Collected: 11/19/03** **Analyzed: 11/26/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Trichloroethene	ND	ug/L	1	0.25	0.82
Trichlorofluoromethane	ND	ug/L	1	0.38	1.3
1,2,3-Trichloropropane	ND	ug/L	1	0.44	1.5
1,2,4-Trimethylbenzene	ND	ug/L	1	0.31	1.0
1,3,5-Trimethylbenzene	ND	ug/L	1	0.39	1.3
Vinyl chloride	ND	ug/L	1	0.11	0.38
meta,para-Xylene	ND	ug/L	1	0.62	2.1
MTBE	ND	ug/L	1	0.31	1.0
Isopropyl Ether	ND	ug/L	1	0.35	1.2
Dibromofluoromethane (SURR**)	92%				
Toluene-d8 (SURR**)	102%				
1-Bromo-4-Fluorobenzene (SURR**)	89%				

Check standard recovery was outside QC limits for Dichlorodifluoromethane at 73%.

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

Customer: URS Corporation (Milwaukee) **NLS Project: 78017**

Project Description: URS/Excel

Project Title: **Template: SATW** **Printed: 12/03/2003 11:25**

Sample: 326389 **Trip Blank** **Collected: 11/19/03** **Analyzed: 11/26/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Benzene	ND	ug/L	1	0.29	0.97
Bromobenzene	ND	ug/L	1	0.10	0.37
Bromochloromethane	ND	ug/L	1	0.27	0.89
Bromodichloromethane	ND	ug/L	1	0.32	1.1
Bromoform	ND	ug/L	1	0.28	0.92
Bromomethane	ND	ug/L	1	0.39	1.3
n-Butylbenzene	ND	ug/L	1	0.31	1.0
sec-Butylbenzene	ND	ug/L	1	0.33	1.1
tert-Butylbenzene	ND	ug/L	1	0.31	1.0
Carbon Tetrachloride	ND	ug/L	1	0.30	0.98
Chlorobenzene	ND	ug/L	1	0.21	0.70
Chloroethane	ND	ug/L	1	1.7	5.7
Chloroform	ND	ug/L	1	0.30	0.99
Chloromethane	ND	ug/L	1	0.24	0.75
2-Chlorotoluene	ND	ug/L	1	0.39	1.3
4-Chlorotoluene	ND	ug/L	1	0.37	1.2
Dibromochloromethane	ND	ug/L	1	0.29	0.97
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.33	1.1
1,2-Dibromoethane	ND	ug/L	1	0.30	1.0
Dibromomethane	ND	ug/L	1	0.32	1.1
1,2-Dichlorobenzene	ND	ug/L	1	0.28	0.93
1,3-Dichlorobenzene	ND	ug/L	1	0.24	0.79
1,4-Dichlorobenzene	ND	ug/L	1	0.23	0.78
Dichlorodifluoromethane	ND	ug/L	1	0.18	0.63
1,1-Dichloroethane	ND	ug/L	1	0.30	0.99
1,2-Dichloroethane	ND	ug/L	1	0.34	1.1
1,1-Dichloroethene	ND	ug/L	1	0.41	1.4
cis-1,2-Dichloroethene	ND	ug/L	1	0.40	1.3
trans-1,2-Dichloroethene	ND	ug/L	1	0.35	1.2
1,2-Dichloropropane	ND	ug/L	1	0.35	1.2
1,3-Dichloropropane	ND	ug/L	1	0.34	1.1
2,2-Dichloropropane	ND	ug/L	1	0.44	1.5
1,1-Dichloropropene	ND	ug/L	1	0.32	1.1
cis-1,3-Dichloropropene	ND	ug/L	1	0.27	0.89
trans-1,3-Dichloropropene	ND	ug/L	1	0.32	1.1
Ethylbenzene	ND	ug/L	1	0.26	0.87
Hexachlorobutadiene	ND	ug/L	1	0.41	1.4
Isopropylbenzene	ND	ug/L	1	0.36	1.2
p-Isopropyltoluene	ND	ug/L	1	0.30	1.0
Methylene chloride	[0.53]	ug/L	1	0.43	1.4
Naphthalene	ND	ug/L	1	0.39	1.3
n-Propylbenzene	ND	ug/L	1	0.34	1.1
ortho-Xylene	ND	ug/L	1	0.27	0.89
Styrene	ND	ug/L	1	0.32	1.1
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.28	0.94
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.33	1.1
Tetrachloroethene	ND	ug/L	1	0.31	1.0
Toluene	ND	ug/L	1	0.34	1.1
1,2,3-Trichlorobenzene	ND	ug/L	1	0.36	1.2
1,2,4-Trichlorobenzene	ND	ug/L	1	0.37	1.2
1,1,1-Trichloroethane	ND	ug/L	1	0.27	0.88
1,1,2-Trichloroethane	ND	ug/L	1	0.42	1.4

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

Customer: URS Corporation (Milwaukee) **NLS Project: 78017**

Project Description: URS/Excel

Project Title: **Template: SATW** **Printed: 12/02/2003 08:50**

Sample: 326389 **Trip Blank** **Collected: 11/19/03** **Analyzed: 11/26/03**

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ
Trichloroethene	ND	ug/L	1	0.25	0.82
Trichlorofluoromethane	ND	ug/L	1	0.38	1.3
1,2,3-Trichloropropane	ND	ug/L	1	0.44	1.5
1,2,4-Trimethylbenzene	ND	ug/L	1	0.31	1.0
1,3,5-Trimethylbenzene	ND	ug/L	1	0.39	1.3
Vinyl chloride	ND	ug/L	1	0.11	0.38
meta,para-Xylene	ND	ug/L	1	0.62	2.1
MTBE	ND	ug/L	1	0.31	1.0
Isopropyl Ether	ND	ug/L	1	0.35	1.2
Dibromofluoromethane (SURR**)	99%				
Toluene-d8 (SURR**)	103%				
1-Bromo-4-Fluorobenzene (SURR**)	87%				

Check standard recovery was outside QC limits for Dichlorodifluoromethane at 73%.

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

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460

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. 65899

CLIENT	Dave Trawer / New Fields
ADDRESS	10 E. Doty ST. Suite 800
CITY / STATE / ZIP	Madison / Wisc. / 53703
PROJECT DESCRIPTION / NO.	URS / Xcel
QUOTATION NO.	
CONTACT	
PHONE	608-204-5810
PURCHASE ORDER NO.	
FAX	

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
TIS = tissue
AIR = air
DW = drinking water
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: VOCs 8260B

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX		VOCs 8260B										COLLECTION REMARKS
1.	326386	InFluenT	11/19	11:00			X										
2.	326387	PreCarbon	11/19	11:15			X										
3.	326388	EFFluenT	11/19	11:30			X										
4.	326389																
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

ONE SAMPLE PER LINE

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME 11/19
RELINQUISHED BY (signature) Colemar Eng.	RECEIVED BY (signature) Colemar Eng.	DATE/TIME 11/20
DISPATCHED BY (signature)	METHOD OF TRANSPORT	DATE/TIME

REPORT TO

RECEIVED AT NLS BY (signature)	DATE/TIME 11/21/03 10:00	CONDITION Good	TEMP.
COOLER # 8-287	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

INVOICE TO

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

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE SHIPPER 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.

DUPLICATE COPY