DATA USABILITY SUMMARY REPORT
FOR THE
MACEDON FILMS SITE
SUPPLEMENTAL INVESTIGATION
JULY 2008 SAMPLING EVENT

Prepared for:

PACTIV CORPORATION

TECHNOLOGY CENTER

2651 BRICKYARD ROAD

CANANDAIGUA, NY 14424

Prepared by:

URS CORPORATION

77 GOODELL STREET

BUFFALO, NY 14203

September 2008

TABLE OF CONTENTS

TABLES
(Following Text)

ATTACHMENTS

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Draft DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B - Guidance for the Development of Data Usability Summary Reports*, December 2002. Analytical data for four surface soil samples, three subsurface soil samples, 11 groundwater samples, one equipment rinsate blank, and two trip blanks collected by URS personnel on July 22-24, 2008 in support of the Macedon Films Site Supplemental Investigation are discussed in this DUSR.

II. ANALYTICAL METHODOLOGIES AND DATA VALIDATION

All samples were analyzed by Columbia Analytical Services (CAS) of Rochester, New York. The surface soil samples and equipment rinsate blank were analyzed for target compound list (TCL) semivolatile organic compounds (SVOCs) following USEPA Method 8270C, TCL polychlorinated biphenyls (PCBs) following USEPA Method 8082, and the Resource Conservation and Recovery Act (RCRA) metals following USEPA Methods 6010B/7470A/7471A. The subsurface soil and groundwater samples were analyzed for TCL volatile organic compounds (VOCs) following USEPA Method 8260B, TCL SVOCs following USEPA Method 8270C, and RCRA metals following USEPA Methods 6010B/7470A/7471A. The trip blanks were analyzed for TCL VOCs only following USEPA Method 8260B. All VOC and SVOC analyses included library searches of any tentatively identified compounds (TICs) detected in the samples.

A limited data validation was performed on the samples following the guidelines in the following USEPA Region II documents:

- *Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B, SOP HW-24, Rev. 2,* October 2006;

- *Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D, SOP HW-22, Rev. 3,* October 2006;

- *Validating PCB Compounds by Gas Chromatography SW-846 Method 8082A, SOP HW-45, Rev. 1,* October 2006; and

- *Validation of Metals for the Contract Laboratory Program (CLP) Based on SOW ILMO5.3, SOP HW-2, Rev. 13,* September 2006.

The limited validation included a review of holding times; completeness of all required deliverables; quality control (QC) results (blanks, instrument tunes, calibration standards, matrix spike recoveries, duplicate analyses, and laboratory control sample recoveries) to determine if the data are within the protocol-required QC limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

Qualifications applied to the data include 'R' (rejected, data are unusable) 'U' (not detected), 'J' (estimated concentration), and 'UJ' (estimated quantitation limit). A summary of qualifications made to the data is presented in Table 1. The validated analytical results are presented in Tables 2 through 5. Copies of the validated laboratory results (i.e., Form 1's) are presented in Attachment A. Documentation supporting the qualification of data is presented in Attachment B. Only problems affecting data usability are discussed in this report.

III. DATA DELIVERABLE COMPLETENESS

Full deliverable data packages (i.e., NYSDEC ASP Category B or equivalent) were provided by the laboratory, and included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

IV. HOLDING TIMES/SAMPLE RECEIPT

All samples were received by the laboratory intact and under proper chain-of-custody, and were analyzed within the required holding times. In addition to the samples identified in Section I (Introduction), one additional subsurface soil sample (MMW-10 8.5'-9') was collected for VOC analysis. This analysis was later canceled by URS upon laboratory receipt of the samples.

V. NON-CONFORMANCES

Instrument Calibration

The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and the RRF in the continuing calibration (CCAL) standard associated with groundwater sample MMW-09 was greater than 20% for the following VOCs: bromomethane, dichlorodifluoromethane, trichlorofluoromethane, methyl acetate, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloroethane, and tetrachloroethene. The non-detect results for these compounds in groundwater sample MMW-09 were qualified 'UJ', and the detected results qualified 'J'.

The %D between the ICAL average RRF and the RRF in the CCAL standard associated with surface soil sample SS-4 and subsurface soil sample MMW-8 8'-12' was greater than 20% for SVOCs 2,4-dinitrophenol and hexachlorocyclopentadiene. The non-detect results for these compounds in samples SS-4 and MMW-8 8'-12'were qualified 'UJ'.

The %D between the ICAL average RRF and the RRF in the CCAL standard associated with equipment rinsate blank RB20080722 was greater than 20% for SVOC benzaldehyde. The non-detect result for benzaldehyde in this sample was qualified 'UJ'.

The recovery of selenium in the metals contract required detection limit (CRDL) standard associated with the following surface and subsurface soil samples exceeded the

upper QC limit of 130%: SS-1, SS-3, SS-4, MMW-8 8'-12', and MMW-10 4'-5.4'. The detected results for selenium in these samples were qualified 'J'.

Documentation supporting the qualification of data (Forms 5 and 7 for VOCs and SVOCs; Forms 2B and 14 for metals) is presented in Attachment B.

Serial Dilutions (Metals Only)

The %D for lead in the metals serial dilution analysis of surface soil sample SS-3 exceeded the QC limit of 10%. Since the laboratory did not perform a serial dilution analysis on any of the subsurface soil samples, the serial dilution of sample SS-3 was used to evaluate all surface and subsurface soil sample results. The detected results for lead were qualified 'J' in all surface and subsurface soil samples. Documentation supporting the qualification of data (Form 9) is presented in Attachment B.

Blank Contamination

Acetone was detected in subsurface soil sample MMW-9 4'-8', and groundwater samples MMW-01, MMW-02, MMW-03, MMW-05, MMW-06, MMW-07, and MMW-08, at concentrations below the quantitation limit (QL). Acetone was also detected in the VOC method blanks associated with the analyses of these samples at concentrations below the QL. The results for acetone in these samples were raised to the QL and qualified 'U'.

The results for one SVOC TIC in surface and subsurface soil samples SS-1, SS-2, SS-3, MMW-8 8'-12', MMW-9 4'-8', and MMW-10 4'-5.4' were qualified 'R' because the TIC was also present in the associated SVOC method blank.

Arsenic was detected in groundwater sample MMW-09 at a concentration below the CRDL. Arsenic was also detected in the metals calibration blank associated with the analysis of this sample at a concentration below the CRDL. The result for arsenic in sample MMW-09 was raised to the CRDL and qualified 'U'.

Documentation supporting the qualification of data (i.e., method blank Forms 1 and 4 for VOCs and SVOCs; Forms 3 and 14 for metals) is presented in Attachment B.

VI. SAMPLE RESULTS AND REPORTING

All sample results were reported in accordance with method requirements and were adjusted for sample size, dilution factors, and moisture content (soil samples only). The SVOC analysis of surface soil sample SS-4 was diluted by a factor of 10 prior to analysis due to the viscous (almost solid) nature of the sample extract. The QLs for the non-detect compounds in this sample are the lowest achievable at the diluted level.

Sample concentrations of VOCs and SVOCs greater than the method detection limit (MDL) but below the QL were qualified 'J' by the laboratory. Sample concentrations of metals greater than the MDL but below the CRDL were qualified 'B' by the laboratory, which is the qualifier historically used when performing metals analyses following USEPA protocols. However, USEPA has replaced the 'B' qualifier with 'J' in the most current methodology. Therefore, all laboratory 'B' qualifiers applied to the metals results were changed to 'J' during validation.

VII. SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified 'R' (rejected) are unusable. Those results qualified 'J' (estimated) or 'UJ' (estimated quantitation limit) are considered conditionally usable. Results qualified 'U' are considered non-detect. URS does not recommend the re-collection of any samples at this time.

Prepared By: **James J. Lehnen, Senior Chemist** **Date:** 9/17/08

Reviewed By: **George Kisluk, Senior Chemist** **Date:** 9/18/08

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

U – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J – The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

D – The sample results are reported from a separate secondary dilution analysis.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

TABLE 1
SUMMARY OF DATA QUALIFICATIONS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION

Affected Samples	Fraction	Analytical Deviation	Qualification
Groundwater sample MMW-09	VOA	%D between the ICAL average RRF and the CCAL RRF >20% for bromomethane, dichlorodifluoromethane, trichlorofluoromethane, methyl acetate, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloroethane, and tetrachloroethene.	Qualify non-detect results 'UJ' and detected results 'J'.
Sub-surface soil sample MMW-9 4'-8' and groundwater samples MMW-01, MMW-02, MMW-03, MMW-05, MMW-06, MMW-07, and MMW-08	VOA	Acetone detected in samples and associated method blank at concentrations below the QL.	Raise the reported result to the QL and qualify 'U'.
Surface soil sample SS-4 and sub-surface soil sample MMW-8 8'-12'	SVOA	%D between the ICAL average RRF and the CCAL RRF >20% for 2,4-dinitrophenol and hexachlorocyclopentadiene.	Qualify non-detect results 'UJ'.
Equipment rinsate blank RB20080722	SVOA	%D between the ICAL average RRF and the CCAL RRF >20% for benzaldehyde.	Qualify non-detect result 'UJ'.
Surface soil samples SS-1, SS-2, and SS-3; sub-surface soil samples MMW-8 8'-12', MMW-9 4'-8', and MMW-10 4'-5.4'	SVOA	TIC present in samples and associated method blank.	Qualify associated TIC results 'R'.
Surface soil samples SS-1, SS-3, and SS-4; sub-surface soil samples MMW-8 8'-12' and MMW-10 4'-5.4'	Metals	Recovery of selenium in the CRDL standard exceeded the upper QC limit of 130%.	Qualify detected results 'J'.
All surface and sub-surface soil samples	Metals	Serial dilution %D for lead exceeded the QC limit of 10%.	Qualify detected results 'J'.
Groundwater sample MMW-09	Metals	Arsenic detected in sample and associated calibration blank at a concentration below the CRDL.	Raise the reported result to the CRDL and qualify 'U'.

TABLE 2
VALIDATED SURFACE SOIL SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		SS-01	SS-02	SS-03	SS-04
Sample ID		SS-1(07/22/2008)	SS-2(07/22/2008)	SS-3(07/22/2008)	SS-4(07/22/2008)
Matrix		Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.2	0.0-0.2	0.0-0.2	0.0-0.2
Date Sampled		07/22/08	07/22/08	07/22/08	07/22/08
Parameter	Units				
Semivolatile Organic Compounds					
1,1-Biphenyl	UG/KG	430 U	440 U	430 U	3,600 U
2,2-oxybis(1-Chloropropane)	UG/KG	430 U	440 U	430 U	3,600 U
2,4,5-Trichlorophenol	UG/KG	430 U	440 U	430 U	3,600 U
2,4,6-Trichlorophenol	UG/KG	430 U	440 U	430 U	3,600 U
2,4-Dichlorophenol	UG/KG	430 U	440 U	430 U	3,600 U
2,4-Dimethylphenol	UG/KG	430 U	440 U	430 U	3,600 U
2,4-Dinitrophenol	UG/KG	2,200 U	2,300 U	2,200 U	19,000 UJ
2,4-Dinitrotoluene	UG/KG	430 U	440 U	430 U	3,600 U
2,6-Dinitrotoluene	UG/KG	430 U	440 U	430 U	3,600 U
2-Chloronaphthalene	UG/KG	430 U	440 U	430 U	3,600 U
2-Chlorophenol	UG/KG	430 U	440 U	430 U	3,600 U
2-Methylnaphthalene	UG/KG	430 U	440 U	430 U	3,600 U
2-Methylphenol (o-cresol)	UG/KG	430 U	440 U	430 U	3,600 U
2-Nitroaniline	UG/KG	2,200 U	2,300 U	2,200 U	19,000 U
2-Nitrophenol	UG/KG	430 U	440 U	430 U	3,600 U
3,3-Dichlorobenzidine	UG/KG	430 U	440 U	430 U	3,600 U
3-Nitroaniline	UG/KG	2,200 U	2,300 U	2,200 U	19,000 U
4,6-Dinitro-2-methylphenol	UG/KG	2,200 U	2,300 U	2,200 U	19,000 U
4-Bromophenyl-phenylether	UG/KG	430 U	440 U	430 U	3,600 U
4-Chloro-3-methylphenol	UG/KG	430 U	440 U	430 U	3,600 U
4-Chloroaniline	UG/KG	430 U	440 U	430 U	3,600 U
4-Chlorophenyl-phenylether	UG/KG	430 U	440 U	430 U	3,600 U
4-Methylphenol (p-cresol)	UG/KG	430 U	440 U	430 U	3,600 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value. ND - Not detected (used for total analyte group concentrations only).
MG/KG - Milligrams per kilogram. UG/KG - Micrograms per kilogram.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 2
VALIDATED SURFACE SOIL SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		SS-01	SS-02	SS-03	SS-04
Sample ID		SS-1(07/22/2008)	SS-2(07/22/2008)	SS-3(07/22/2008)	SS-4(07/22/2008)
Matrix		Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.2	0.0-0.2	0.0-0.2	0.0-0.2
Date Sampled		07/22/08	07/22/08	07/22/08	07/22/08
Parameter	**Units**				
Semivolatile Organic Compounds					
4-Nitroaniline	UG/KG	2,200 U	2,300 U	2,200 U	19,000 U
4-Nitrophenol	UG/KG	2,200 U	2,300 U	2,200 U	19,000 U
Acenaphthene	UG/KG	63 J	89 J	430 U	3,600 U
Acenaphthylene	UG/KG	430 U	440 U	430 U	3,600 U
Acetophenone	UG/KG	430 U	440 U	430 U	3,600 U
Anthracene	UG/KG	160 J	270 J	430 U	3,600 U
Atrazine	UG/KG	430 U	440 U	430 U	3,600 U
Benzaldehyde	UG/KG	430 U	440 U	430 U	3,600 U
Benzo(a)anthracene	UG/KG	410 J	620	140 J	3,600 U
Benzo(a)pyrene	UG/KG	390 J	520	160 J	3,600 U
Benzo(b)fluoranthene	UG/KG	350 J	500	140 J	3,600 U
Benzo(g,h,i)perylene	UG/KG	280 J	320 J	120 J	3,600 U
Benzo(k)fluoranthene	UG/KG	370 J	430 J	130 J	3,600 U
bis(2-Chloroethoxy)methane	UG/KG	430 U	440 U	430 U	3,600 U
bis(2-Chloroethyl)ether	UG/KG	430 U	440 U	430 U	3,600 U
bis(2-Ethylhexyl)phthalate	UG/KG	160 J	200 J	220 J	590 J
Butylbenzylphthalate	UG/KG	430 U	440 U	430 U	3,600 U
Caprolactam	UG/KG	430 U	440 U	430 U	3,600 U
Carbazole	UG/KG	68 J	130 J	430 U	3,600 U
Chrysene	UG/KG	420 J	590	170 J	3,600 U
Dibenz(a,h)anthracene	UG/KG	54 J	83 J	430 U	3,600 U
Dibenzofuran	UG/KG	430 U	440 U	430 U	3,600 U
Diethylphthalate	UG/KG	430 U	440 U	430 U	3,600 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value. ND - Not detected (used for total analyte group concentrations only).
MG/KG - Milligrams per kilogram. UG/KG - Micrograms per kilogram.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

J:\38394424.00000\DB\Program\EDMS.md
Printed: 9/18/2008 1:18:11 PM
[LOGDATE] >= #7/22/2008# AND [MATRIX] = 'SO' AND [FLDSAMPID] LIKE 'SS*' AND [SACODE] = 'I

Detection Limits shown are PQL

TABLE 2
VALIDATED SURFACE SOIL SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		SS-01	SS-02	SS-03	SS-04
Sample ID		SS-1(07/22/2008)	SS-2(07/22/2008)	SS-3(07/22/2008)	SS-4(07/22/2008)
Matrix		Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.2	0.0-0.2	0.0-0.2	0.0-0.2
Date Sampled		07/22/08	07/22/08	07/22/08	07/22/08
Parameter	**Units**				
Semivolatile Organic Compounds					
Dimethylphthalate	UG/KG	430 U	440 U	430 U	3,600 U
Di-n-butylphthalate	UG/KG	51 J	55 J	88 J	3,600 U
Di-n-octylphthalate	UG/KG	430 U	440 U	430 U	3,600 U
Fluoranthene	UG/KG	890	1,500	320 J	3,600 U
Fluorene	UG/KG	52 J	86 J	430 U	3,600 U
Hexachlorobenzene	UG/KG	430 U	440 U	430 U	3,600 U
Hexachlorobutadiene	UG/KG	430 U	440 U	430 U	3,600 U
Hexachlorocyclopentadiene	UG/KG	430 U	440 U	430 U	3,600 UJ
Hexachloroethane	UG/KG	430 U	440 U	430 U	3,600 U
Indeno(1,2,3-cd)pyrene	UG/KG	250 J	310 J	100 J	3,600 U
Isophorone	UG/KG	430 U	440 U	430 U	3,600 U
Naphthalene	UG/KG	430 U	440 U	430 U	3,600 U
Nitrobenzene	UG/KG	430 U	440 U	430 U	3,600 U
N-Nitroso-di-n-propylamine	UG/KG	430 U	440 U	430 U	3,600 U
N-Nitrosodiphenylamine	UG/KG	430 U	440 U	430 U	3,600 U
Pentachlorophenol	UG/KG	2,200 U	2,300 U	2,200 U	19,000 U
Phenanthrene	UG/KG	550	980	140 J	3,600 U
Phenol	UG/KG	430 U	440 U	430 U	3,600 U
Pyrene	UG/KG	710	1,000	240 J	3,600 U
Total Semivolatile Organic Compounds	UG/KG	5,228	7,683	1,968	590
Polychlorinated Biphenyls					
Aroclor 1016	UG/KG	43 U	44 U	43 U	36 U
Aroclor 1221	UG/KG	88 U	90 U	88 U	73 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value. ND - Not detected (used for total analyte group concentrations only).
MG/KG - Milligrams per kilogram. UG/KG - Micrograms per kilogram.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 2
VALIDATED SURFACE SOIL SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		SS-01	SS-02	SS-03	SS-04
Sample ID		SS-1(07/22/2008)	SS-2(07/22/2008)	SS-3(07/22/2008)	SS-4(07/22/2008)
Matrix		Soil	Soil	Soil	Soil
Depth Interval (ft)		0.0-0.2	0.0-0.2	0.0-0.2	0.0-0.2
Date Sampled		07/22/08	07/22/08	07/22/08	07/22/08
Parameter	**Units**				
Polychlorinated Biphenyls					
Aroclor 1232	UG/KG	43 U	44 U	43 U	36 U
Aroclor 1242	UG/KG	43 U	44 U	43 U	36 U
Aroclor 1248	UG/KG	43 U	44 U	43 U	36 U
Aroclor 1254	UG/KG	43 U	44 U	43 U	36 U
Aroclor 1260	UG/KG	43 U	44 U	43 U	99
Total Polychlorinated Biphenyls	UG/KG	ND	ND	ND	99
Metals					
Arsenic	MG/KG	4.2	2.9	5.0	5.5
Barium	MG/KG	65.7	54.5	72.2	81.1
Cadmium	MG/KG	0.42 J	0.47 J	0.55 J	127
Chromium	MG/KG	14.8	13.0	15.4	23.8
Lead	MG/KG	52.1 J	52.2 J	53.6 J	121 J
Mercury	MG/KG	0.09	0.09	0.07	0.13
Selenium	MG/KG	1.5 J	0.72 J	2.3 J	1.1 J
Silver	MG/KG	0.09 U	0.10 U	0.09 U	0.08 U
Miscellaneous Parameters					
Solids, Percent	PERCENT	76.3	74.4	76.1	91.2

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value. ND - Not detected (used for total analyte group concentrations only).
MG/KG - Milligrams per kilogram. UG/KG - Micrograms per kilogram.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 3
VALIDATED SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-08	MMW-09	MMW-10
Sample ID		MMW-8 8'-12'	MMW-9 4'-8'	MMW-10 4'-5.4'
Matrix		Soil	Soil	Soil
Depth Interval (ft)		8.0-12.0	4.0-8.0	4.0-5.4
Date Sampled		07/22/08	07/22/08	07/22/08
Parameter	Units			
Volatile Organic Compounds				
1,1,1-Trichloroethane	UG/KG	5.9 U	6.1 U	6.3 U
1,1,2,2-Tetrachloroethane	UG/KG	5.9 U	6.1 U	6.3 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/KG	5.9 U	6.1 U	6.3 U
1,1,2-Trichloroethane	UG/KG	5.9 U	6.1 U	6.3 U
1,1-Dichloroethane	UG/KG	5.9 U	6.1 U	6.3 U
1,1-Dichloroethene	UG/KG	5.9 U	6.1 U	6.3 U
1,2,4-Trichlorobenzene	UG/KG	5.9 U	6.1 U	6.3 U
1,2-Dibromo-3-chloropropane	UG/KG	5.9 U	6.1 U	6.3 U
1,2-Dibromoethane (Ethylene dibromide)	UG/KG	5.9 U	6.1 U	6.3 U
1,2-Dichlorobenzene	UG/KG	5.9 U	6.1 U	6.3 U
1,2-Dichloroethane	UG/KG	5.9 U	6.1 U	6.3 U
1,2-Dichloroethene (cis)	UG/KG	5.9 U	6.1 U	6.3 U
1,2-Dichloroethene (trans)	UG/KG	5.9 U	6.1 U	6.3 U
1,2-Dichloropropane	UG/KG	5.9 U	6.1 U	6.3 U
1,3-Dichlorobenzene	UG/KG	5.9 U	6.1 U	6.3 U
1,3-Dichloropropene (cis)	UG/KG	5.9 U	6.1 U	6.3 U
1,3-Dichloropropene (trans)	UG/KG	5.9 U	6.1 U	6.3 U
1,4-Dichlorobenzene	UG/KG	5.9 U	6.1 U	6.3 U
2-Hexanone	UG/KG	12 U	12 U	13 U
4-Methyl-2-pentanone	UG/KG	12 U	12 U	13 U
Acetone	UG/KG	23 U	24 U	25 U
Benzene	UG/KG	5.9 U	6.1 U	2.4 J
Bromodichloromethane	UG/KG	5.9 U	6.1 U	6.3 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value. ND - Not detected (used for total analyte group concentrations only).
MG/KG - Milligrams per kilogram. UG/KG - Micrograms per kilogram.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 3
VALIDATED SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-08	MMW-09	MMW-10
Sample ID		MMW-8 8'-12'	MMW-9 4'-8'	MMW-10 4'-5.4'
Matrix		Soil	Soil	Soil
Depth Interval (ft)		8.0-12.0	4.0-8.0	4.0-5.4
Date Sampled		07/22/08	07/22/08	07/22/08
Parameter	**Units**			
Volatile Organic Compounds				
Bromoform	UG/KG	5.9 U	6.1 U	6.3 U
Bromomethane	UG/KG	5.9 U	6.1 U	6.3 U
Carbon disulfide	UG/KG	12 U	12 U	13 U
Carbon tetrachloride	UG/KG	5.9 U	6.1 U	6.3 U
Chlorobenzene	UG/KG	5.9 U	6.1 U	6.3 U
Chloroethane	UG/KG	12 U	12 U	13 U
Chloroform	UG/KG	5.9 U	6.1 U	6.3 U
Chloromethane	UG/KG	5.9 U	6.1 U	6.3 U
Cyclohexane	UG/KG	5.9 U	6.1 U	6.3 U
Dibromochloromethane	UG/KG	5.9 U	6.1 U	6.3 U
Dichlorodifluoromethane	UG/KG	5.9 U	6.1 U	6.3 U
Ethylbenzene	UG/KG	5.9 U	6.1 U	6.3 U
Isopropylbenzene (Cumene)	UG/KG	5.9 U	6.1 U	6.3 U
Methyl acetate	UG/KG	12 U	12 U	13 U
Methyl ethyl ketone (2-Butanone)	UG/KG	12 U	12 U	13 U
Methyl tert-butyl ether	UG/KG	5.9 U	6.1 U	6.3 U
Methylcyclohexane	UG/KG	5.9 U	6.1 U	6.3 U
Methylene chloride	UG/KG	5.9 U	6.1 U	6.3 U
Styrene	UG/KG	5.9 U	6.1 U	6.3 U
Tetrachloroethene	UG/KG	5.9 U	6.1 U	6.3 U
Toluene	UG/KG	5.9 U	6.1 U	2.1 J
Trichloroethene	UG/KG	5.9 U	6.1 U	6.3 U
Trichlorofluoromethane	UG/KG	5.9 U	6.1 U	6.3 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value. ND - Not detected (used for total analyte group concentrations only).
MG/KG - Milligrams per kilogram. UG/KG - Micrograms per kilogram.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 3
VALIDATED SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-08	MMW-09	MMW-10
Sample ID		MMW-8 8'-12'	MMW-9 4'-8'	MMW-10 4'-5.4'
Matrix		Soil	Soil	Soil
Depth Interval (ft)		8.0-12.0	4.0-8.0	4.0-5.4
Date Sampled		07/22/08	07/22/08	07/22/08
Parameter	**Units**			
Volatile Organic Compounds				
Vinyl chloride	UG/KG	5.9 U	6.1 U	6.3 U
Xylene (total)	UG/KG	5.9 U	6.1 U	6.3 U
Total Volatile Organic Compounds	UG/KG	ND	ND	4.5
Semivolatile Organic Compounds				
1,1-Biphenyl	UG/KG	390 U	400 U	420 U
2,2-oxybis(1-Chloropropane)	UG/KG	390 U	400 U	420 U
2,4,5-Trichlorophenol	UG/KG	390 U	400 U	420 U
2,4,6-Trichlorophenol	UG/KG	390 U	400 U	420 U
2,4-Dichlorophenol	UG/KG	390 U	400 U	420 U
2,4-Dimethylphenol	UG/KG	390 U	400 U	420 U
2,4-Dinitrophenol	UG/KG	2,000 UJ	2,100 U	2,100 U
2,4-Dinitrotoluene	UG/KG	390 U	400 U	420 U
2,6-Dinitrotoluene	UG/KG	390 U	400 U	420 U
2-Chloronaphthalene	UG/KG	390 U	400 U	420 U
2-Chlorophenol	UG/KG	390 U	400 U	420 U
2-Methylnaphthalene	UG/KG	390 U	400 U	110 J
2-Methylphenol (o-cresol)	UG/KG	390 U	400 U	420 U
2-Nitroaniline	UG/KG	2,000 U	2,100 U	2,100 U
2-Nitrophenol	UG/KG	390 U	400 U	420 U
3,3-Dichlorobenzidine	UG/KG	390 U	400 U	420 U
3-Nitroaniline	UG/KG	2,000 U	2,100 U	2,100 U
4,6-Dinitro-2-methylphenol	UG/KG	2,000 U	2,100 U	2,100 U
4-Bromophenyl-phenylether	UG/KG	390 U	400 U	420 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value. ND - Not detected (used for total analyte group concentrations only).
MG/KG - Milligrams per kilogram. UG/KG - Micrograms per kilogram.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 3
VALIDATED SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-08	MMW-09	MMW-10
Sample ID		MMW-8 8'-12'	MMW-9 4'-8'	MMW-10 4'-5.4'
Matrix		Soil	Soil	Soil
Depth Interval (ft)		8.0-12.0	4.0-8.0	4.0-5.4
Date Sampled		07/22/08	07/22/08	07/22/08
Parameter	**Units**			
Semivolatile Organic Compounds				
4-Chloro-3-methylphenol	UG/KG	390 U	400 U	420 U
4-Chloroaniline	UG/KG	390 U	400 U	420 U
4-Chlorophenyl-phenylether	UG/KG	390 U	400 U	420 U
4-Methylphenol (p-cresol)	UG/KG	390 U	400 U	420 U
4-Nitroaniline	UG/KG	2,000 U	2,100 U	2,100 U
4-Nitrophenol	UG/KG	2,000 U	2,100 U	2,100 U
Acenaphthene	UG/KG	390 U	400 U	54 J
Acenaphthylene	UG/KG	390 U	400 U	130 J
Acetophenone	UG/KG	390 U	400 U	420 U
Anthracene	UG/KG	390 U	400 U	390 J
Atrazine	UG/KG	390 U	400 U	420 U
Benzaldehyde	UG/KG	390 U	400 U	420 U
Benzo(a)anthracene	UG/KG	390 U	400 U	880
Benzo(a)pyrene	UG/KG	390 U	400 U	670
Benzo(b)fluoranthene	UG/KG	390 U	400 U	580
Benzo(g,h,i)perylene	UG/KG	390 U	400 U	330 J
Benzo(k)fluoranthene	UG/KG	390 U	400 U	520
bis(2-Chloroethoxy)methane	UG/KG	390 U	400 U	420 U
bis(2-Chloroethyl)ether	UG/KG	390 U	400 U	420 U
bis(2-Ethylhexyl)phthalate	UG/KG	390 U	400 U	450
Butylbenzylphthalate	UG/KG	390 U	400 U	420 U
Caprolactam	UG/KG	390 U	400 U	420 U
Carbazole	UG/KG	390 U	400 U	420 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value. ND - Not detected (used for total analyte group concentrations only).
MG/KG - Milligrams per kilogram. UG/KG - Micrograms per kilogram.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 3
VALIDATED SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-08	MMW-09	MMW-10
Sample ID		MMW-8 8'-12'	MMW-9 4'-8'	MMW-10 4'-5.4'
Matrix		Soil	Soil	Soil
Depth Interval (ft)		8.0-12.0	4.0-8.0	4.0-5.4
Date Sampled		07/22/08	07/22/08	07/22/08
Parameter	**Units**			
Semivolatile Organic Compounds				
Chrysene	UG/KG	390 U	400 U	690
Dibenz(a,h)anthracene	UG/KG	390 U	400 U	92 J
Dibenzofuran	UG/KG	390 U	400 U	100 J
Diethylphthalate	UG/KG	390 U	400 U	420 U
Dimethylphthalate	UG/KG	390 U	400 U	420 U
Di-n-butylphthalate	UG/KG	390 U	400 U	130 J
Di-n-octylphthalate	UG/KG	390 U	400 U	420 U
Fluoranthene	UG/KG	390 U	400 U	1,600
Fluorene	UG/KG	390 U	400 U	130 J
Hexachlorobenzene	UG/KG	390 U	400 U	420 U
Hexachlorobutadiene	UG/KG	390 U	400 U	420 U
Hexachlorocyclopentadiene	UG/KG	390 UJ	400 U	420 U
Hexachloroethane	UG/KG	390 U	400 U	420 U
Indeno(1,2,3-cd)pyrene	UG/KG	390 U	400 U	340 J
Isophorone	UG/KG	390 U	400 U	420 U
Naphthalene	UG/KG	390 U	400 U	330 J
Nitrobenzene	UG/KG	390 U	400 U	420 U
N-Nitroso-di-n-propylamine	UG/KG	390 U	400 U	420 U
N-Nitrosodiphenylamine	UG/KG	390 U	400 U	420 U
Pentachlorophenol	UG/KG	2,000 U	2,100 U	2,100 U
Phenanthrene	UG/KG	390 U	400 U	910
Phenol	UG/KG	390 U	400 U	420 U
Pyrene	UG/KG	390 U	400 U	1,200

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value. ND - Not detected (used for total analyte group concentrations only).
MG/KG - Milligrams per kilogram. UG/KG - Micrograms per kilogram.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

J:\38394424.00000\DB\Program\EDMS.md
Printed: 9/18/2008 1:19:59 PM
[LOGDATE] >= #7/22/2008# AND [MATRIX] = 'SO' AND [FLDSAMPID] NOT LIKE 'SS*' AND [SACODE] = 'I

TABLE 3
VALIDATED SUBSURFACE SOIL SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-08	MMW-09	MMW-10
Sample ID		MMW-8 8'-12'	MMW-9 4'-8'	MMW-10 4'-5.4'
Matrix		Soil	Soil	Soil
Depth Interval (ft)		8.0-12.0	4.0-8.0	4.0-5.4
Date Sampled		07/22/08	07/22/08	07/22/08
Parameter	**Units**			
Semivolatile Organic Compounds				
Total Semivolatile Organic Compounds	UG/KG	ND	ND	9,636
Metals				
Arsenic	MG/KG	0.26 U	1.3	0.29 J
Barium	MG/KG	9.6	19.0	50.4
Cadmium	MG/KG	0.04 U	0.04 U	0.04 U
Chromium	MG/KG	5.3	11.8	8.2
Lead	MG/KG	3.5 J	8.1 J	6.6 J
Mercury	MG/KG	0.01 J	0.02 J	0.03 J
Selenium	MG/KG	1.2 J	0.50 U	1.3 J
Silver	MG/KG	0.08 U	0.09 U	0.09 U
Miscellaneous Parameters				
Solids, Percent	PERCENT	85.2	82.2	79.4

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value. ND - Not detected (used for total analyte group concentrations only).
MG/KG - Milligrams per kilogram. UG/KG - Micrograms per kilogram.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

J:\38394424.00000\DB\Program\EDMS.md
Printed: 9/18/2008 1:19:59 PM
[LOGDATE] >= #7/22/2008# AND [MATRIX] = 'SO' AND [FLDSAMPID] NOT LIKE 'SS*' AND [SACODE] = 'I

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-01	MMW-02	MMW-03	MMW-04	MMW-05
Sample ID		MMW-01(07/23/08)	MMW-02(07/23/08)	MMW-03(07/23/08)	MMW-04(07/23/08)	MMW-05(07/23/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/23/08	07/23/08	07/23/08	07/23/08
Parameter	Units					
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (trans)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	UG/L	10 U	10 U	10 U	10 U	10 U
Benzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-01	MMW-02	MMW-03	MMW-04	MMW-05
Sample ID		MMW-01(07/23/08)	MMW-02(07/23/08)	MMW-03(07/23/08)	MMW-04(07/23/08)	MMW-05(07/23/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/23/08	07/23/08	07/23/08	07/23/08
Parameter	**Units**					
Volatile Organic Compounds						
Bromoform	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon disulfide	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Cyclohexane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	UG/L	10 U	10 U	10 U	10 U	10 U
Methyl ethyl ketone (2-Butanone)	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-01	MMW-02	MMW-03	MMW-04	MMW-05
Sample ID		MMW-01(07/23/08)	MMW-02(07/23/08)	MMW-03(07/23/08)	MMW-04(07/23/08)	MMW-05(07/23/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/23/08	07/23/08	07/23/08	07/23/08
Parameter	**Units**					
Volatile Organic Compounds						
Vinyl chloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m&p-Xylene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
o-Xylene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Semivolatile Organic Compounds						
1,1-Biphenyl	UG/L	10 U	11 U	11 U	12 U	10 U
2,2-oxybis(1-Chloropropane)	UG/L	10 U	11 U	11 U	12 U	10 U
2,4,5-Trichlorophenol	UG/L	10 U	11 U	11 U	12 U	10 U
2,4,6-Trichlorophenol	UG/L	10 U	11 U	11 U	12 U	10 U
2,4-Dichlorophenol	UG/L	10 U	11 U	11 U	12 U	10 U
2,4-Dimethylphenol	UG/L	10 U	11 U	11 U	12 U	10 U
2,4-Dinitrophenol	UG/L	51 U	56 U	54 U	58 U	50 U
2,4-Dinitrotoluene	UG/L	10 U	11 U	11 U	12 U	10 U
2,6-Dinitrotoluene	UG/L	10 U	11 U	11 U	12 U	10 U
2-Chloronaphthalene	UG/L	10 U	11 U	11 U	12 U	10 U
2-Chlorophenol	UG/L	10 U	11 U	11 U	12 U	10 U
2-Methylnaphthalene	UG/L	10 U	11 U	11 U	12 U	10 U
2-Methylphenol (o-cresol)	UG/L	10 U	11 U	11 U	12 U	10 U
2-Nitroaniline	UG/L	51 U	56 U	54 U	58 U	50 U
2-Nitrophenol	UG/L	10 U	11 U	11 U	12 U	10 U
3,3-Dichlorobenzidine	UG/L	10 U	11 U	11 U	12 U	10 U
3-Nitroaniline	UG/L	51 U	56 U	54 U	58 U	50 U
4,6-Dinitro-2-methylphenol	UG/L	51 U	56 U	54 U	58 U	50 U
4-Bromophenyl-phenylether	UG/L	10 U	11 U	11 U	12 U	10 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-01	MMW-02	MMW-03	MMW-04	MMW-05
Sample ID		MMW-01(07/23/08)	MMW-02(07/23/08)	MMW-03(07/23/08)	MMW-04(07/23/08)	MMW-05(07/23/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/23/08	07/23/08	07/23/08	07/23/08
Parameter	**Units**					
Semivolatile Organic Compounds						
4-Chloro-3-methylphenol	UG/L	10 U	11 U	11 U	12 U	10 U
4-Chloroaniline	UG/L	10 U	11 U	11 U	12 U	10 U
4-Chlorophenyl-phenylether	UG/L	10 U	11 U	11 U	12 U	10 U
4-Methylphenol (p-cresol)	UG/L	10 U	11 U	11 U	12 U	10 U
4-Nitroaniline	UG/L	51 U	56 U	54 U	58 U	50 U
4-Nitrophenol	UG/L	51 U	56 U	54 U	58 U	50 U
Acenaphthene	UG/L	10 U	11 U	11 U	12 U	10 U
Acenaphthylene	UG/L	10 U	11 U	11 U	12 U	10 U
Acetophenone	UG/L	10 U	11 U	11 U	12 U	10 U
Anthracene	UG/L	10 U	11 U	11 U	12 U	10 U
Atrazine	UG/L	10 U	11 U	11 U	12 U	10 U
Benzaldehyde	UG/L	10 U	11 U	11 U	12 U	10 U
Benzo(a)anthracene	UG/L	10 U	11 U	11 U	12 U	10 U
Benzo(a)pyrene	UG/L	10 U	11 U	11 U	12 U	10 U
Benzo(b)fluoranthene	UG/L	10 U	11 U	11 U	12 U	10 U
Benzo(g,h,i)perylene	UG/L	10 U	11 U	11 U	12 U	10 U
Benzo(k)fluoranthene	UG/L	10 U	11 U	11 U	12 U	10 U
bis(2-Chloroethoxy)methane	UG/L	10 U	11 U	11 U	12 U	10 U
bis(2-Chloroethyl)ether	UG/L	10 U	11 U	11 U	12 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	10 U	11 U	11 U	12 U	10 U
Butylbenzylphthalate	UG/L	10 U	11 U	11 U	12 U	10 U
Caprolactam	UG/L	10 U	11 U	11 U	12 U	10 U
Carbazole	UG/L	10 U	11 U	11 U	12 U	10 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-01	MMW-02	MMW-03	MMW-04	MMW-05
Sample ID		MMW-01(07/23/08)	MMW-02(07/23/08)	MMW-03(07/23/08)	MMW-04(07/23/08)	MMW-05(07/23/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/23/08	07/23/08	07/23/08	07/23/08
Parameter	**Units**					
Semivolatile Organic Compounds						
Chrysene	UG/L	10 U	11 U	11 U	12 U	10 U
Dibenz(a,h)anthracene	UG/L	10 U	11 U	11 U	12 U	10 U
Dibenzofuran	UG/L	10 U	11 U	11 U	12 U	10 U
Diethylphthalate	UG/L	10 U	11 U	11 U	12 U	10 U
Dimethylphthalate	UG/L	10 U	11 U	11 U	12 U	10 U
Di-n-butylphthalate	UG/L	10 U	11 U	11 U	12 U	10 U
Di-n-octylphthalate	UG/L	10 U	11 U	11 U	12 U	10 U
Fluoranthene	UG/L	10 U	11 U	11 U	12 U	10 U
Fluorene	UG/L	10 U	11 U	11 U	12 U	10 U
Hexachlorobenzene	UG/L	10 U	11 U	11 U	12 U	10 U
Hexachlorobutadiene	UG/L	10 U	11 U	11 U	12 U	10 U
Hexachlorocyclopentadiene	UG/L	10 U	11 U	11 U	12 U	10 U
Hexachloroethane	UG/L	10 U	11 U	11 U	12 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	10 U	11 U	11 U	12 U	10 U
Isophorone	UG/L	10 U	11 U	11 U	12 U	10 U
Naphthalene	UG/L	10 U	11 U	11 U	12 U	10 U
Nitrobenzene	UG/L	10 U	11 U	11 U	12 U	10 U
N-Nitroso-di-n-propylamine	UG/L	10 U	11 U	11 U	12 U	10 U
N-Nitrosodiphenylamine	UG/L	10 U	11 U	11 U	12 U	10 U
Pentachlorophenol	UG/L	51 U	56 U	54 U	58 U	50 U
Phenanthrene	UG/L	10 U	11 U	11 U	12 U	10 U
Phenol	UG/L	10 U	11 U	11 U	12 U	10 U
Pyrene	UG/L	10 U	11 U	11 U	12 U	10 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-01	MMW-02	MMW-03	MMW-04	MMW-05
Sample ID		MMW-01(07/23/08)	MMW-02(07/23/08)	MMW-03(07/23/08)	MMW-04(07/23/08)	MMW-05(07/23/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/23/08	07/23/08	07/23/08	07/23/08
Parameter	Units					
Metals						
Arsenic	UG/L	2.4 J	2.2 U	2.2 U	2.2 U	2.2 U
Barium	UG/L	68.8	38.1	107	98.9	115
Cadmium	UG/L	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Chromium	UG/L	2.4 J	1.1 J	1.6 J	1.3 J	1.1 J
Lead	UG/L	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Mercury	UG/L	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Selenium	UG/L	4.3 U	4.3 U	4.3 U	4.3 U	5.1 J
Silver	UG/L	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-06	MMW-07	MMW-08	MMW-09	MMW-10
Sample ID		MMW-06(07/23/08)	MMW-07(07/24/08)	MMW-08(07/24/08)	MMW-09(07/24/08)	MMW-10(07/24/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/24/08	07/24/08	07/24/08	07/24/08
Parameter	Units					
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/L	1.0 U	1.0 U	0.62 J	1.0 UJ	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	0.38 J	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
1,2-Dichloroethene (cis)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (trans)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	UG/L	10 U	10 U	10 U	10 U	10 U
Benzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-06	MMW-07	MMW-08	MMW-09	MMW-10
Sample ID		MMW-06(07/23/08)	MMW-07(07/24/08)	MMW-08(07/24/08)	MMW-09(07/24/08)	MMW-10(07/24/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/24/08	07/24/08	07/24/08	07/24/08
Parameter	**Units**					
Volatile Organic Compounds						
Bromoform	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	UG/L	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U
Carbon disulfide	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
Chlorobenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	UG/L	21	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	UG/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Cyclohexane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	22
Dibromochloromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	1.0 U	1.0 U	1.0 U	2.0 J	1.0 U
Ethylbenzene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	0.99 J
Isopropylbenzene (Cumene)	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	UG/L	10 U	10 U	10 U	10 UJ	10 U
Methyl ethyl ketone (2-Butanone)	UG/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	UG/L	1.0 U	1.0 U	1.0 U	22	1.0 U
Methylcyclohexane	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	100
Methylene chloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	UG/L	1.0	1.0 U	1.0 U	1.0 UJ	1.0 U
Toluene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	UG/L	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-06	MMW-07	MMW-08	MMW-09	MMW-10
Sample ID		MMW-06(07/23/08)	MMW-07(07/24/08)	MMW-08(07/24/08)	MMW-09(07/24/08)	MMW-10(07/24/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/24/08	07/24/08	07/24/08	07/24/08
Parameter	Units					
Volatile Organic Compounds						
Vinyl chloride	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m&p-Xylene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	6.0
o-Xylene	UG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Semivolatile Organic Compounds						
1,1-Biphenyl	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2,2-oxybis(1-Chloropropane)	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2,4,5-Trichlorophenol	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2,4,6-Trichlorophenol	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2,4-Dichlorophenol	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2,4-Dimethylphenol	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2,4-Dinitrophenol	UG/L	47 U	48 U	57 U	47 U	48 U
2,4-Dinitrotoluene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2,6-Dinitrotoluene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2-Chloronaphthalene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2-Chlorophenol	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2-Methylnaphthalene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2-Methylphenol (o-cresol)	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
2-Nitroaniline	UG/L	47 U	48 U	57 U	47 U	48 U
2-Nitrophenol	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
3,3-Dichlorobenzidine	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
3-Nitroaniline	UG/L	47 U	48 U	57 U	47 U	48 U
4,6-Dinitro-2-methylphenol	UG/L	47 U	48 U	57 U	47 U	48 U
4-Bromophenyl-phenylether	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-06	MMW-07	MMW-08	MMW-09	MMW-10
Sample ID		MMW-06(07/23/08)	MMW-07(07/24/08)	MMW-08(07/24/08)	MMW-09(07/24/08)	MMW-10(07/24/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/24/08	07/24/08	07/24/08	07/24/08
Parameter	Units					
Semivolatile Organic Compounds						
4-Chloro-3-methylphenol	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
4-Chloroaniline	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
4-Chlorophenyl-phenylether	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
4-Methylphenol (p-cresol)	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
4-Nitroaniline	UG/L	47 U	48 U	57 U	47 U	48 U
4-Nitrophenol	UG/L	47 U	48 U	57 U	47 U	48 U
Acenaphthene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Acenaphthylene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Acetophenone	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Anthracene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Atrazine	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Benzaldehyde	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Benzo(a)anthracene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Benzo(a)pyrene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Benzo(b)fluoranthene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Benzo(g,h,i)perylene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Benzo(k)fluoranthene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
bis(2-Chloroethoxy)methane	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
bis(2-Chloroethyl)ether	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
bis(2-Ethylhexyl)phthalate	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Butylbenzylphthalate	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Caprolactam	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Carbazole	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-06	MMW-07	MMW-08	MMW-09	MMW-10
Sample ID		MMW-06(07/23/08)	MMW-07(07/24/08)	MMW-08(07/24/08)	MMW-09(07/24/08)	MMW-10(07/24/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/24/08	07/24/08	07/24/08	07/24/08
Parameter	Units					
Semivolatile Organic Compounds						
Chrysene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Dibenz(a,h)anthracene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Dibenzofuran	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Diethylphthalate	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Dimethylphthalate	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Di-n-butylphthalate	UG/L	9.4 U	9.5 U	1.5 J	9.4 U	9.5 U
Di-n-octylphthalate	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Fluoranthene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Fluorene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Hexachlorobenzene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Hexachlorobutadiene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Hexachlorocyclopentadiene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Hexachloroethane	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Indeno(1,2,3-cd)pyrene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Isophorone	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Naphthalene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Nitrobenzene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
N-Nitroso-di-n-propylamine	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
N-Nitrosodiphenylamine	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Pentachlorophenol	UG/L	47 U	48 U	57 U	47 U	48 U
Phenanthrene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Phenol	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U
Pyrene	UG/L	9.4 U	9.5 U	12 U	9.4 U	9.5 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MMW-06	MMW-07	MMW-08	MMW-09	MMW-10
Sample ID		MMW-06(07/23/08)	MMW-07(07/24/08)	MMW-08(07/24/08)	MMW-09(07/24/08)	MMW-10(07/24/08)
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		07/23/08	07/24/08	07/24/08	07/24/08	07/24/08
Parameter	Units					
Metals						
Arsenic	UG/L	2.2 U	2.2 U	2.2 U	10 U	2.2 U
Barium	UG/L	12.8 J	60.5	23.8	39.5	52.8
Cadmium	UG/L	0.35 U	0.65 J	0.35 U	0.35 U	0.35 U
Chromium	UG/L	2.3 J	1.3 J	1.7 J	1.7 J	1.2 J
Lead	UG/L	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Mercury	UG/L	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Selenium	UG/L	4.3 U	4.3 U	4.3 U	4.3 U	5.1 J
Silver	UG/L	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MP-01
Sample ID		MP-01(07/24/08)
Matrix		Groundwater
Depth Interval (ft)		-
Date Sampled		07/24/08
Parameter	**Units**	
Volatile Organic Compounds		
1,1,1-Trichloroethane	UG/L	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	1.0 U
1,1,2-Trichloroethane	UG/L	1.0 U
1,1-Dichloroethane	UG/L	1.0 U
1,1-Dichloroethene	UG/L	1.0 U
1,2,4-Trichlorobenzene	UG/L	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	1.0 U
1,2-Dichlorobenzene	UG/L	1.0 U
1,2-Dichloroethane	UG/L	1.0 U
1,2-Dichloroethene (cis)	UG/L	1.0 U
1,2-Dichloroethene (trans)	UG/L	1.0 U
1,2-Dichloropropane	UG/L	1.0 U
1,3-Dichlorobenzene	UG/L	1.0 U
1,3-Dichloropropene (cis)	UG/L	1.0 U
1,3-Dichloropropene (trans)	UG/L	1.0 U
1,4-Dichlorobenzene	UG/L	1.0 U
2-Hexanone	UG/L	5.0 U
4-Methyl-2-pentanone	UG/L	5.0 U
Acetone	UG/L	12
Benzene	UG/L	1.0 U
Bromodichloromethane	UG/L	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MP-01
Sample ID		MP-01(07/24/08)
Matrix		Groundwater
Depth Interval (ft)		-
Date Sampled		07/24/08
Parameter	**Units**	
Volatile Organic Compounds		
Bromoform	UG/L	1.0 U
Bromomethane	UG/L	2.0 U
Carbon disulfide	UG/L	1.0 U
Carbon tetrachloride	UG/L	1.0 U
Chlorobenzene	UG/L	1.0 U
Chloroethane	UG/L	2.0 U
Chloroform	UG/L	1.0 U
Chloromethane	UG/L	2.0 U
Cyclohexane	UG/L	1.0 U
Dibromochloromethane	UG/L	1.0 U
Dichlorodifluoromethane	UG/L	1.0 U
Ethylbenzene	UG/L	1.0 U
Isopropylbenzene (Cumene)	UG/L	1.0 U
Methyl acetate	UG/L	10 U
Methyl ethyl ketone (2-Butanone)	UG/L	5.0 U
Methyl tert-butyl ether	UG/L	1.0 U
Methylcyclohexane	UG/L	1.1
Methylene chloride	UG/L	1.0 U
Styrene	UG/L	1.0 U
Tetrachloroethene	UG/L	1.0 U
Toluene	UG/L	1.0 U
Trichloroethene	UG/L	1.0 U
Trichlorofluoromethane	UG/L	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MP-01
Sample ID		MP-01(07/24/08)
Matrix		Groundwater
Depth Interval (ft)		-
Date Sampled		07/24/08
Parameter	**Units**	
Volatile Organic Compounds		
Vinyl chloride	UG/L	1.0 U
m&p-Xylene	UG/L	1.0 U
o-Xylene	UG/L	1.0 U
Semivolatile Organic Compounds		
1,1-Biphenyl	UG/L	11 U
2,2-oxybis(1-Chloropropane)	UG/L	11 U
2,4,5-Trichlorophenol	UG/L	11 U
2,4,6-Trichlorophenol	UG/L	11 U
2,4-Dichlorophenol	UG/L	11 U
2,4-Dimethylphenol	UG/L	11 U
2,4-Dinitrophenol	UG/L	55 U
2,4-Dinitrotoluene	UG/L	11 U
2,6-Dinitrotoluene	UG/L	11 U
2-Chloronaphthalene	UG/L	11 U
2-Chlorophenol	UG/L	11 U
2-Methylnaphthalene	UG/L	11 U
2-Methylphenol (o-cresol)	UG/L	11 U
2-Nitroaniline	UG/L	55 U
2-Nitrophenol	UG/L	11 U
3,3-Dichlorobenzidine	UG/L	11 U
3-Nitroaniline	UG/L	55 U
4,6-Dinitro-2-methylphenol	UG/L	55 U
4-Bromophenyl-phenylether	UG/L	11 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MP-01
Sample ID		MP-01(07/24/08)
Matrix		Groundwater
Depth Interval (ft)		-
Date Sampled		07/24/08
Parameter	**Units**	
Semivolatile Organic Compounds		
4-Chloro-3-methylphenol	UG/L	11 U
4-Chloroaniline	UG/L	11 U
4-Chlorophenyl-phenylether	UG/L	11 U
4-Methylphenol (p-cresol)	UG/L	11 U
4-Nitroaniline	UG/L	55 U
4-Nitrophenol	UG/L	55 U
Acenaphthene	UG/L	11 U
Acenaphthylene	UG/L	11 U
Acetophenone	UG/L	11 U
Anthracene	UG/L	11 U
Atrazine	UG/L	11 U
Benzaldehyde	UG/L	11 U
Benzo(a)anthracene	UG/L	11 U
Benzo(a)pyrene	UG/L	11 U
Benzo(b)fluoranthene	UG/L	11 U
Benzo(g,h,i)perylene	UG/L	11 U
Benzo(k)fluoranthene	UG/L	11 U
bis(2-Chloroethoxy)methane	UG/L	11 U
bis(2-Chloroethyl)ether	UG/L	11 U
bis(2-Ethylhexyl)phthalate	UG/L	11 U
Butylbenzylphthalate	UG/L	11 U
Caprolactam	UG/L	11 U
Carbazole	UG/L	11 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MP-01
Sample ID		MP-01(07/24/08)
Matrix		Groundwater
Depth Interval (ft)		-
Date Sampled		07/24/08
Parameter	**Units**	
Semivolatile Organic Compounds		
Chrysene	UG/L	11 U
Dibenz(a,h)anthracene	UG/L	11 U
Dibenzofuran	UG/L	11 U
Diethylphthalate	UG/L	11 U
Dimethylphthalate	UG/L	11 U
Di-n-butylphthalate	UG/L	11 U
Di-n-octylphthalate	UG/L	11 U
Fluoranthene	UG/L	11 U
Fluorene	UG/L	11 U
Hexachlorobenzene	UG/L	11 U
Hexachlorobutadiene	UG/L	11 U
Hexachlorocyclopentadiene	UG/L	11 U
Hexachloroethane	UG/L	11 U
Indeno(1,2,3-cd)pyrene	UG/L	11 U
Isophorone	UG/L	11 U
Naphthalene	UG/L	11 U
Nitrobenzene	UG/L	11 U
N-Nitroso-di-n-propylamine	UG/L	11 U
N-Nitrosodiphenylamine	UG/L	11 U
Pentachlorophenol	UG/L	55 U
Phenanthrene	UG/L	11 U
Phenol	UG/L	11 U
Pyrene	UG/L	11 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 4
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		MP-01
Sample ID		MP-01(07/24/08)
Matrix		Groundwater
Depth Interval (ft)		-
Date Sampled		07/24/08
Parameter	**Units**	
Metals		
Arsenic	UG/L	2.2 U
Barium	UG/L	31.8
Cadmium	UG/L	0.35 U
Chromium	UG/L	1.0 J
Lead	UG/L	1.2 U
Mercury	UG/L	0.03 U
Selenium	UG/L	7.6 J
Silver	UG/L	0.72 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 5
VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		FIELDQC	FIELDQC	FIELDQC
Sample ID		RB20080722	TRIP BLANK(07/23/08)	TRIP BLANK(07/24/08)
Matrix		Water Quality	Water Quality	Water Quality
Depth Interval (ft)		-	-	-
Date Sampled		07/22/08	07/23/08	07/24/08
Parameter	Units	Rinse Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)
Volatile Organic Compounds				
1,1,1-Trichloroethane	UG/L	NA	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	NA	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	NA	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	NA	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	NA	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	NA	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	NA	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	UG/L	NA	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	NA	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	NA	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	NA	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	NA	1.0 U	1.0 U
1,2-Dichloroethene (trans)	UG/L	NA	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	NA	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	NA	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	NA	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	NA	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	NA	1.0 U	1.0 U
2-Hexanone	UG/L	NA	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	NA	5.0 U	5.0 U
Acetone	UG/L	NA	10 U	10 U
Benzene	UG/L	NA	1.0 U	1.0 U
Bromodichloromethane	UG/L	NA	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter. NA - The sample was not analyzed for this parameter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 5
VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		FIELDQC	FIELDQC	FIELDQC
Sample ID		RB20080722	TRIP BLANK(07/23/08)	TRIP BLANK(07/24/08)
Matrix		Water Quality	Water Quality	Water Quality
Depth Interval (ft)		-	-	-
Date Sampled		07/22/08	07/23/08	07/24/08
Parameter	**Units**	Rinse Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)
Volatile Organic Compounds				
Bromoform	UG/L	NA	1.0 U	1.0 U
Bromomethane	UG/L	NA	2.0 U	2.0 U
Carbon disulfide	UG/L	NA	1.0 U	1.0 U
Carbon tetrachloride	UG/L	NA	1.0 U	1.0 U
Chlorobenzene	UG/L	NA	1.0 U	1.0 U
Chloroethane	UG/L	NA	2.0 U	2.0 U
Chloroform	UG/L	NA	1.0 U	1.0 U
Chloromethane	UG/L	NA	2.0 U	2.0 U
Cyclohexane	UG/L	NA	1.0 U	1.0 U
Dibromochloromethane	UG/L	NA	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	NA	1.0 U	1.0 U
Ethylbenzene	UG/L	NA	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	NA	1.0 U	1.0 U
Methyl acetate	UG/L	NA	10 U	10 U
Methyl ethyl ketone (2-Butanone)	UG/L	NA	5.0 U	5.0 U
Methyl tert-butyl ether	UG/L	NA	1.0 U	1.0 U
Methylcyclohexane	UG/L	NA	1.0 U	1.0 U
Methylene chloride	UG/L	NA	1.0 U	1.0 U
Styrene	UG/L	NA	1.0 U	1.0 U
Tetrachloroethene	UG/L	NA	1.0 U	1.0 U
Toluene	UG/L	NA	1.0 U	1.0 U
Trichloroethene	UG/L	NA	1.0 U	1.0 U
Trichlorofluoromethane	UG/L	NA	1.0 U	1.0 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter. NA - The sample was not analyzed for this parameter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 5
VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		FIELDQC	FIELDQC	FIELDQC
Sample ID		RB20080722	TRIP BLANK(07/23/08)	TRIP BLANK(07/24/08)
Matrix		Water Quality	Water Quality	Water Quality
Depth Interval (ft)		-	-	-
Date Sampled		07/22/08	07/23/08	07/24/08
Parameter	Units	Rinse Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)
Volatile Organic Compounds				
Vinyl chloride	UG/L	NA	1.0 U	1.0 U
m&p-Xylene	UG/L	NA	1.0 U	1.0 U
o-Xylene	UG/L	NA	1.0 U	1.0 U
Semivolatile Organic Compounds				
1,1-Biphenyl	UG/L	9.5 U	NA	NA
2,2-oxybis(1-Chloropropane)	UG/L	9.5 U	NA	NA
2,4,5-Trichlorophenol	UG/L	9.5 U	NA	NA
2,4,6-Trichlorophenol	UG/L	9.5 U	NA	NA
2,4-Dichlorophenol	UG/L	9.5 U	NA	NA
2,4-Dimethylphenol	UG/L	9.5 U	NA	NA
2,4-Dinitrophenol	UG/L	48 U	NA	NA
2,4-Dinitrotoluene	UG/L	9.5 U	NA	NA
2,6-Dinitrotoluene	UG/L	9.5 U	NA	NA
2-Chloronaphthalene	UG/L	9.5 U	NA	NA
2-Chlorophenol	UG/L	9.5 U	NA	NA
2-Methylnaphthalene	UG/L	9.5 U	NA	NA
2-Methylphenol (o-cresol)	UG/L	9.5 U	NA	NA
2-Nitroaniline	UG/L	48 U	NA	NA
2-Nitrophenol	UG/L	9.5 U	NA	NA
3,3-Dichlorobenzidine	UG/L	9.5 U	NA	NA
3-Nitroaniline	UG/L	48 U	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	48 U	NA	NA
4-Bromophenyl-phenylether	UG/L	9.5 U	NA	NA

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter. NA - The sample was not analyzed for this parameter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 5
VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		FIELDQC	FIELDQC	FIELDQC
Sample ID		RB20080722	TRIP BLANK(07/23/08)	TRIP BLANK(07/24/08)
Matrix		Water Quality	Water Quality	Water Quality
Depth Interval (ft)		-	-	-
Date Sampled		07/22/08	07/23/08	07/24/08
Parameter	**Units**	Rinse Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)
Semivolatile Organic Compounds				
4-Chloro-3-methylphenol	UG/L	9.5 U	NA	NA
4-Chloroaniline	UG/L	9.5 U	NA	NA
4-Chlorophenyl-phenylether	UG/L	9.5 U	NA	NA
4-Methylphenol (p-cresol)	UG/L	9.5 U	NA	NA
4-Nitroaniline	UG/L	48 U	NA	NA
4-Nitrophenol	UG/L	48 U	NA	NA
Acenaphthene	UG/L	9.5 U	NA	NA
Acenaphthylene	UG/L	9.5 U	NA	NA
Acetophenone	UG/L	9.5 U	NA	NA
Anthracene	UG/L	9.5 U	NA	NA
Atrazine	UG/L	9.5 U	NA	NA
Benzaldehyde	UG/L	9.5 UJ	NA	NA
Benzo(a)anthracene	UG/L	9.5 U	NA	NA
Benzo(a)pyrene	UG/L	9.5 U	NA	NA
Benzo(b)fluoranthene	UG/L	9.5 U	NA	NA
Benzo(g,h,i)perylene	UG/L	9.5 U	NA	NA
Benzo(k)fluoranthene	UG/L	9.5 U	NA	NA
bis(2-Chloroethoxy)methane	UG/L	9.5 U	NA	NA
bis(2-Chloroethyl)ether	UG/L	9.5 U	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	9.5 U	NA	NA
Butylbenzylphthalate	UG/L	9.5 U	NA	NA
Caprolactam	UG/L	9.5 U	NA	NA
Carbazole	UG/L	9.5 U	NA	NA

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter. NA - The sample was not analyzed for this parameter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 5
VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		FIELDQC	FIELDQC	FIELDQC
Sample ID		RB20080722	TRIP BLANK(07/23/08)	TRIP BLANK(07/24/08)
Matrix		Water Quality	Water Quality	Water Quality
Depth Interval (ft)		-	-	-
Date Sampled		07/22/08	07/23/08	07/24/08
Parameter	**Units**	Rinse Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)
Semivolatile Organic Compounds				
Chrysene	UG/L	9.5 U	NA	NA
Dibenz(a,h)anthracene	UG/L	9.5 U	NA	NA
Dibenzofuran	UG/L	9.5 U	NA	NA
Diethylphthalate	UG/L	9.5 U	NA	NA
Dimethylphthalate	UG/L	9.5 U	NA	NA
Di-n-butylphthalate	UG/L	9.5 U	NA	NA
Di-n-octylphthalate	UG/L	9.5 U	NA	NA
Fluoranthene	UG/L	9.5 U	NA	NA
Fluorene	UG/L	9.5 U	NA	NA
Hexachlorobenzene	UG/L	9.5 U	NA	NA
Hexachlorobutadiene	UG/L	9.5 U	NA	NA
Hexachlorocyclopentadiene	UG/L	9.5 U	NA	NA
Hexachloroethane	UG/L	9.5 U	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	9.5 U	NA	NA
Isophorone	UG/L	9.5 U	NA	NA
Naphthalene	UG/L	9.5 U	NA	NA
Nitrobenzene	UG/L	9.5 U	NA	NA
N-Nitroso-di-n-propylamine	UG/L	9.5 U	NA	NA
N-Nitrosodiphenylamine	UG/L	9.5 U	NA	NA
Pentachlorophenol	UG/L	48 U	NA	NA
Phenanthrene	UG/L	9.5 U	NA	NA
Phenol	UG/L	9.5 U	NA	NA
Pyrene	UG/L	9.5 U	NA	NA

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter. NA - The sample was not analyzed for this parameter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

TABLE 5
VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
MACEDON FILMS SITE SUPPLEMENTAL INVESTIGATION
JULY 2008

Location ID		FIELDQC	FIELDQC	FIELDQC
Sample ID		RB20080722	TRIP BLANK(07/23/08)	TRIP BLANK(07/24/08)
Matrix		Water Quality	Water Quality	Water Quality
Depth Interval (ft)		-	-	-
Date Sampled		07/22/08	07/23/08	07/24/08
Parameter	**Units**	Rinse Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)
Polychlorinated Biphenyls				
Aroclor 1016	UG/L	0.94 U	NA	NA
Aroclor 1221	UG/L	1.9 U	NA	NA
Aroclor 1232	UG/L	0.94 U	NA	NA
Aroclor 1242	UG/L	0.94 U	NA	NA
Aroclor 1248	UG/L	0.94 U	NA	NA
Aroclor 1254	UG/L	0.94 U	NA	NA
Aroclor 1260	UG/L	0.94 U	NA	NA
Metals				
Arsenic	UG/L	2.2 U	NA	NA
Barium	UG/L	4.8 U	NA	NA
Cadmium	UG/L	0.35 U	NA	NA
Chromium	UG/L	0.67 J	NA	NA
Lead	UG/L	1.2 U	NA	NA
Mercury	UG/L	0.03 U	NA	NA
Selenium	UG/L	4.3 U	NA	NA
Silver	UG/L	0.72 U	NA	NA

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.
UJ - Not detected. The reported quantitation limit is an estimated value.
UG/L - Micrograms per liter. NA - The sample was not analyzed for this parameter.
Made By: JJL 9/12/2008 Checked By: GEK 9/15/2008

Detection Limits shown are PQL

ATTACHMENT A

VALIDATED FORM 1'S

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-8 8'-12'

Date Sampled : 07/22/08 14:47 **Order #:** 1119958 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 85.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/24/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.9 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.9 U	UG/KG
BROMOFORM	5.0	5.9 U	UG/KG
BROMOMETHANE	5.0	5.9 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.9 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.9 U	UG/KG
CHLOROBENZENE	5.0	5.9 U	UG/KG
CHLOROETHANE	10	12 U	UG/KG
CHLOROFORM	5.0	5.9 U	UG/KG
CHLOROMETHANE	5.0	5.9 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.9 U	UG/KG
CYCLOHEXANE	5.0	5.9 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.9 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.9 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.9 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.9 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.9 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.9 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.9 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
ETHYLBENZENE	5.0	5.9 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
ISOPROPYLBENZENE	5.0	5.9 U	UG/KG
METHYL ACETATE	10	12 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.9 U	UG/KG
METHYLENE CHLORIDE	5.0	5.9 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.9 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.9 U	UG/KG
TETRACHLOROETHENE	5.0	5.9 U	UG/KG
TOLUENE	5.0	5.9 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.9 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.9 U	UG/KG
TRICHLOROETHENE	5.0	5.9 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-8 8'-12'

Date Sampled : 07/22/08 14:47 **Order #:** 1119958 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 85.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/24/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
TRICHLOROFLUOROMETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.9 U	UG/KG
VINYL CHLORIDE	5.0	5.9 U	UG/KG
O-XYLENE	5.0	5.9 U	UG/KG
M+P-XYLENE	5.0	5.9 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(50 - 135 %)	71	%
TOLUENE-D8	(75 - 128 %)	87	%
DIBROMOFLUOROMETHANE	(58 - 133 %)	86	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-8 8-12

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45062 SAS No.: _____ SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1119958 1.0

Sample wt/vol: 5.0 (g/ml) G Lab File ID: K8553.D

Level: (low/med) LOW Date Received: 07/22/08

% Moisture: not dec. 0 Date Analyzed: 07/24/08

GC Column: DB624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-9 4'-8'

Date Sampled : 07/22/08 13:15 **Order #:** 1119957 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 82.2

DATE ANALYZED : 07/24/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
			Dry Weight
ACETONE	20	24 ~~3.3 JB~~ U	UG/KG
BENZENE	5.0	6.1 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.1 U	UG/KG
BROMOFORM	5.0	6.1 U	UG/KG
BROMOMETHANE	5.0	6.1 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	6.1 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.1 U	UG/KG
CHLOROBENZENE	5.0	6.1 U	UG/KG
CHLOROETHANE	10	12 U	UG/KG
CHLOROFORM	5.0	6.1 U	UG/KG
CHLOROMETHANE	5.0	6.1 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	6.1 U	UG/KG
CYCLOHEXANE	5.0	6.1 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.1 U	UG/KG
1,2-DIBROMOETHANE	5.0	6.1 U	UG/KG
1,3-DICHLOROBENZENE	5.0	6.1 U	UG/KG
1,4-DICHLOROBENZENE	5.0	6.1 U	UG/KG
1,2-DICHLOROBENZENE	5.0	6.1 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	6.1 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.1 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.1 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.1 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.1 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.1 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.1 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.1 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.1 U	UG/KG
ETHYLBENZENE	5.0	6.1 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
ISOPROPYLBENZENE	5.0	6.1 U	UG/KG
METHYL ACETATE	10	12 U	UG/KG
METHYLCYCLOHEXANE	5.0	6.1 U	UG/KG
METHYLENE CHLORIDE	5.0	6.1 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.1 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.1 U	UG/KG
TETRACHLOROETHENE	5.0	6.1 U	UG/KG
TOLUENE	5.0	6.1 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	6.1 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.1 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.1 U	UG/KG
TRICHLOROETHENE	5.0	6.1 U	UG/KG

9/11/08 JB

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-9 4'-8'

Date Sampled : 07/22/08 13:15 **Order #:** 1119957 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 82.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/24/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
TRICHLOROFLUOROMETHANE	5.0	6.1 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	6.1 U	UG/KG
VINYL CHLORIDE	5.0	6.1 U	UG/KG
O-XYLENE	5.0	6.1 U	UG/KG
M+P-XYLENE	5.0	6.1 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(50 - 135 %)	83	%
TOLUENE-D8	(75 - 128 %)	90	%
DIBROMOFLUOROMETHANE	(58 - 133 %)	83	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-9 4-8

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45062 SAS No.: _____ SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1119957 1.0

Sample wt/vol: 5.0 (g/ml) G Lab File ID: K8551.D

Level: (low/med) LOW Date Received: 07/22/08

% Moisture: not dec. 0 Date Analyzed: 07/24/08

GC Column: DB624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-10 4'-5.4'

Date Sampled : 07/22/08 10:34 **Order #:** 1119956 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 79.4

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/24/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	25 U	UG/KG
BENZENE	5.0	2.4 J	UG/KG
BROMODICHLOROMETHANE	5.0	6.3 U	UG/KG
BROMOFORM	5.0	6.3 U	UG/KG
BROMOMETHANE	5.0	6.3 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	6.3 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.3 U	UG/KG
CHLOROBENZENE	5.0	6.3 U	UG/KG
CHLOROETHANE	10	13 U	UG/KG
CHLOROFORM	5.0	6.3 U	UG/KG
CHLOROMETHANE	5.0	6.3 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	6.3 U	UG/KG
CYCLOHEXANE	5.0	6.3 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.3 U	UG/KG
1,2-DIBROMOETHANE	5.0	6.3 U	UG/KG
1,3-DICHLOROBENZENE	5.0	6.3 U	UG/KG
1,4-DICHLOROBENZENE	5.0	6.3 U	UG/KG
1,2-DICHLOROBENZENE	5.0	6.3 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	6.3 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.3 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.3 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.3 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.3 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.3 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.3 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.3 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.3 U	UG/KG
ETHYLBENZENE	5.0	6.3 U	UG/KG
2-HEXANONE	10	13 U	UG/KG
ISOPROPYLBENZENE	5.0	6.3 U	UG/KG
METHYL ACETATE	10	13 U	UG/KG
METHYLCYCLOHEXANE	5.0	6.3 U	UG/KG
METHYLENE CHLORIDE	5.0	6.3 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.3 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.3 U	UG/KG
TETRACHLOROETHENE	5.0	6.3 U	UG/KG
TOLUENE	5.0	2.1 J	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	6.3 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.3 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.3 U	UG/KG
TRICHLOROETHENE	5.0	6.3 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-10 4'-5.4'

Date Sampled : 07/22/08 10:34 **Order #:** 1119956 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 79.4

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/24/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
TRICHLOROFLUOROMETHANE	5.0	6.3 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	6.3 U	UG/KG
VINYL CHLORIDE	5.0	6.3 U	UG/KG
O-XYLENE	5.0	6.3 U	UG/KG
M+P-XYLENE	5.0	6.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(50 - 135 %)	85	%
TOLUENE-D8	(75 - 128 %)	90	%
DIBROMOFLUOROMETHANE	(58 - 133 %)	91	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-10 4-5.4

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45062 SAS No.: _____ SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1119956 1.0

Sample wt/vol: 5.0 (g/ml) G Lab File ID: K8552.D

Level: (low/med) LOW Date Received: 07/22/08

% Moisture: not dec. 0 Date Analyzed: 07/24/08

GC Column: DB624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-01(07/23/08)

Date Sampled : 07/23/08 15:55 **Order #:** 1120241 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165256

DATE ANALYZED : 07/31/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 ~~2.1 JB~~ U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

9/9/08 JT

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-01(07/23/08)

Date Sampled : 07/23/08 15:55 **Order #:** 1120241 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165256

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/31/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	95	%
TOLUENE-D8	(88 - 124 %)	97	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	90	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-01

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120241 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5964.D

Level: (low/med) LOW Date Received: 07/23/08

% Moisture: not dec. _____ Date Analyzed: 07/31/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

62A

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-02(07/23/08)

Date Sampled : 07/23/08 14:50 **Order #:** 1120242 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165256

DATE ANALYZED : 07/31/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 ~~2.2 JB~~ U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

9/10/08

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-02(07/23/08)

Date Sampled : 07/23/08 14:50 **Order #:** 1120242 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165256

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/31/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	94	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	92	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-02

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120242 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5965.D

Level: (low/med) LOW Date Received: 07/23/08

% Moisture: not dec. _____ Date Analyzed: 07/31/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-03(07/23/08)

Date Sampled : 07/23/08 13:55 **Order #:** 1120243 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165256

DATE ANALYZED : 07/31/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 ~~1.2 JB~~ U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

9/10/08 JB

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-03(07/23/08)

Date Sampled : 07/23/08 13:55 **Order #:** 1120243 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165256

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/31/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	97	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	91	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-03

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120243 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5966.D

Level: (low/med) LOW Date Received: 07/23/08

% Moisture: not dec. _____ Date Analyzed: 07/31/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-04(07/23/08)

Date Sampled : 07/23/08 12:30 **Order #:** 1120244 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165256

DATE ANALYZED : 07/31/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-04(07/23/08)

Date Sampled : 07/23/08 12:30 **Order #:** 1120244 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165256

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/31/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	95	%
TOLUENE-D8	(88 - 124 %)	97	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	89	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-04

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120244 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5967.D

Level: (low/med) LOW Date Received: 07/23/08

% Moisture: not dec. _____ Date Analyzed: 07/31/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-05(07/23/08)

Date Sampled : 07/23/08 09:30 **Order #:** 1120245 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165262

DATE ANALYZED : 08/01/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 ~~1.3 JB~~ U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

9/10/08

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-05(07/23/08)

Date Sampled : 07/23/08 09:30 **Order #:** 1120245 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165262

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/01/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	94	%
TOLUENE-D8	(88 - 124 %)	96	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	92	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-05

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120245 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5987.D

Level: (low/med) LOW Date Received: 07/23/08

% Moisture: not dec. _____ Date Analyzed: 08/01/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

81A

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-06(07/23/08)

Date Sampled : 07/23/08 10:55 **Order #:** 1120246 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165262

DATE ANALYZED : 08/01/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 ~~2.1 JB~~ U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	21	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

9/10/08 r~

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-06(07/23/08)

Date Sampled : 07/23/08 10:55 **Order #:** 1120246 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165262

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/01/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	0.38 J	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	95	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	91	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-06

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120246 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5999.D

Level: (low/med) LOW Date Received: 07/23/08

% Moisture: not dec. _____ Date Analyzed: 08/01/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-07(07/24/08)

Date Sampled : 07/24/08 11:15 **Order #:** 1120696 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

DATE ANALYZED : 08/01/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 ~~1.2 JB~~ U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

9/10/08

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-07(07/24/08)

Date Sampled : 07/24/08 11:15 **Order #:** 1120696 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/01/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	94	%
TOLUENE-D8	(88 - 124 %)	94	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	94	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-07

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120696 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5989.D

Level: (low/med) LOW Date Received: 07/24/08

% Moisture: not dec. _____ Date Analyzed: 08/01/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-08(07/24/08)

Date Sampled : 07/24/08 15:45 **Order #:** 1120697 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

DATE ANALYZED : 08/01/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 ~~3.8 JB~~ U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	0.62 J	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

9/19/08 TM

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-08(07/24/08)

Date Sampled : 07/24/08 15:45 **Order #:** 1120697 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/01/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	96	%
TOLUENE-D8	(88 - 124 %)	97	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	90	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-08

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120697 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5990.D

Level: (low/med) LOW Date Received: 07/24/08

% Moisture: not dec. _____ Date Analyzed: 08/01/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-09(07/24/08)

Date Sampled : 07/24/08 13:30 **Order #:** 1120698 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165271

DATE ANALYZED : 08/05/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U J	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	22	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U J	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	2.0 J	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U J	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U J	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U J	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U J	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

9/10/08

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-09(07/24/08)

Date Sampled : 07/24/08 13:30 **Order #:** 1120698 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165271

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	96	%
TOLUENE-D8	(88 - 124 %)	96	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	91	%

9/10/08

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-09

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120698 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V6039.D

Level: (low/med) LOW Date Received: 07/24/08

% Moisture: not dec. Date Analyzed: 08/05/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-10(07/24/08)

Date Sampled : 07/24/08 14:30 **Order #:** 1120699 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/01/08			
ANALYTICAL DILUTION: 1.00			
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	22	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	0.99 J	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	100	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-10(07/24/08)

Date Sampled : 07/24/08 14:30 **Order #:** 1120699 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/01/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	6.0	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	95	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	90	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-10

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120699 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5992.D

Level: (low/med) LOW Date Received: 07/24/08

% Moisture: not dec. Date Analyzed: 08/01/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown aliphatic hydrocarbon	7.39	12	J
2. 000589-34-4	Hexane, 3-methyl-	7.58	36	JN
3.	unknown cyclic hydrocarbon	7.92	23	J
4. 002532-58-3	Cyclopentane, 1,3-dimethyl-, cis-	8.01	11	JN
5. 002452-99-5	Cyclopentane, 1,2-dimethyl-	8.10	18	JN
6. 004850-28-6	Cyclopentane, 1,2,4-trimethyl-, (	9.70	8	JN
7.	unknown cyclic hydrocarbon	9.95	6	J

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MP-01(07/24/08)

Date Sampled : 07/24/08 12:40 **Order #:** 1120700 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

DATE ANALYZED : 08/01/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	12	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.1	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MP-01(07/24/08)

Date Sampled : 07/24/08 12:40 **Order #:** 1120700 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/01/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	94	%
TOLUENE-D8	(88 - 124 %)	95	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	91	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MP-01

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120700 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5993.D

Level: (low/med) LOW Date Received: 07/24/08

% Moisture: not dec. Date Analyzed: 08/01/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : TRIP BLANK(07/23/08)

Date Sampled : 07/23/08 **Order #:** 1121765 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

DATE ANALYZED : 08/01/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : TRIP BLANK(07/23/08)

Date Sampled : 07/23/08 **Order #:** 1121765 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/01/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	95	%
TOLUENE-D8	(88 - 124 %)	97	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	92	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB072308

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1121765 1.0 T

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5995.D

Level: (low/med) LOW Date Received: 07/23/08

% Moisture: not dec. _____ Date Analyzed: 08/01/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : TRIP BLANK(07/24/08)

Date Sampled : 07/24/08 : **Order #:** 1120701 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

DATE ANALYZED : 08/01/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	10	10 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : TRIP BLANK(07/24/08)

Date Sampled : 07/24/08 : **Order #:** 1120701 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165262

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/01/08			
ANALYTICAL DILUTION: 1.00			
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	1.0	1.0 U	UG/L
VINYL CHLORIDE	1.0	1.0 U	UG/L
O-XYLENE	1.0	1.0 U	UG/L
M+P-XYLENE	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	95	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	92	%

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB072408

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120701 1.0 T

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V5994.D

Level: (low/med) LOW Date Received: 07/24/08

% Moisture: not dec. _____ Date Analyzed: 08/01/08

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-1(07/22/2008)

Date Sampled : 07/22/08 09:55 **Order #:** 1119951 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 76.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	63 J	UG/KG
ACENAPHTHYLENE	330	430 U	UG/KG
ACETOPHENONE	330	430 U	UG/KG
ANTHRACENE	330	160 J	UG/KG
ATRAZINE	330	430 U	UG/KG
BENZALDEHYDE	330	430 U	UG/KG
BENZO(A)ANTHRACENE	330	410 J	UG/KG
BENZO(A)PYRENE	330	390 J	UG/KG
BENZO(B)FLUORANTHENE	330	350 J	UG/KG
BENZO(G,H,I)PERYLENE	330	280 J	UG/KG
BENZO(K)FLUORANTHENE	330	370 J	UG/KG
1,1'-BIPHENYL	330	430 U	UG/KG
BUTYL BENZYL PHTHALATE	330	430 U	UG/KG
DI-N-BUTYLPHTHALATE	330	51 J	UG/KG
CAPROLACTAM	330	430 U	UG/KG
CARBAZOLE	330	68 J	UG/KG
INDENO(1,2,3-CD)PYRENE	330	250 J	UG/KG
4-CHLOROANILINE	330	430 U	UG/KG
BIS(-2-CHLOROETHOXY)METHANE	330	430 U	UG/KG
BIS(2-CHLOROETHYL)ETHER	330	430 U	UG/KG
2-CHLORONAPHTHALENE	330	430 U	UG/KG
2-CHLOROPHENOL	330	430 U	UG/KG
2,2'-OXYBIS(1-CHLOROPROPANE)	330	430 U	UG/KG
CHRYSENE	330	420 J	UG/KG
DIBENZO(A,H)ANTHRACENE	330	54 J	UG/KG
DIBENZOFURAN	330	430 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	430 U	UG/KG
2,4-DICHLOROPHENOL	330	430 U	UG/KG
DIETHYLPHTHALATE	330	430 U	UG/KG
DIMETHYL PHTHALATE	330	430 U	UG/KG
2,4-DIMETHYLPHENOL	330	430 U	UG/KG
2,4-DINITROPHENOL	1700	2200 U	UG/KG
2,4-DINITROTOLUENE	330	430 U	UG/KG
2,6-DINITROTOLUENE	330	430 U	UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	330	160 J	UG/KG
FLUORANTHENE	330	890	UG/KG
FLUORENE	330	52 J	UG/KG
HEXACHLOROBENZENE	330	430 U	UG/KG
HEXACHLOROBUTADIENE	330	430 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	430 U	UG/KG
HEXACHLOROETHANE	330	430 U	UG/KG
ISOPHORONE	330	430 U	UG/KG
2-METHYLNAPHTHALENE	330	430 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-1(07/22/2008)

Date Sampled : 07/22/08 09:55 **Order #:** 1119951 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 76.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2200 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	430 U	UG/KG
2-METHYLPHENOL	330	430 U	UG/KG
4-METHYLPHENOL	330	430 U	UG/KG
NAPHTHALENE	330	430 U	UG/KG
2-NITROANILINE	1700	2200 U	UG/KG
3-NITROANILINE	1700	2200 U	UG/KG
4-NITROANILINE	1700	2200 U	UG/KG
NITROBENZENE	330	430 U	UG/KG
2-NITROPHENOL	330	430 U	UG/KG
4-NITROPHENOL	1700	2200 U	UG/KG
N-NITROSODIPHENYLAMINE	330	430 U	UG/KG
DI-N-OCTYL PHTHALATE	330	430 U	UG/KG
PENTACHLOROPHENOL	1700	2200 U	UG/KG
PHENANTHRENE	330	550	UG/KG
PHENOL	330	430 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	430 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	430 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	430 U	UG/KG
PYRENE	330	710	UG/KG
2,4,6-TRICHLOROPHENOL	330	430 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	430 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(48 - 131 %)	88	%
NITROBENZENE-d5	(27 - 130 %)	98	%
PHENOL-d6	(10 - 133 %)	97	%
2-FLUOROBIPHENYL	(32 - 130 %)	104	%
2-FLUOROPHENOL	(10 - 130 %)	100	%
2,4,6-TRIBROMOPHENOL	(33 - 139 %)	112	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-1(07/22/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845062 SAS No.: SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1119951 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: CY539.D

Level: (low/med) LOW Date Received: 7/22/08

% Moisture: 23.7 decanted: (Y/N) N Date Extracted: 7/25/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~unknown~~	~~2.72~~	~~300~~	~~J B~~
2. 040487-42-1	Penoxaline	14.96	280	JN
3.	unknown hydrocarbon	19.57	270	J
4.	unknown	20.49	190	J
5.	unknown	20.95	3500	J
6.	unknown hydrocarbon	21.61	1800	J
7. 007390-81-0	Oxirane, hexadecyl-	23.62	830	JN
8.	unknown hydrocarbon	24.43	4800	J
9.	unknown hydrocarbon	27.19	1600	J

9/11/08 fm

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-2(07/22/2008)

Date Sampled : 07/22/08 10:27 **Order #:** 1119952 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 74.4

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	89 J	UG/KG
ACENAPHTHYLENE	330	440 U	UG/KG
ACETOPHENONE	330	440 U	UG/KG
ANTHRACENE	330	270 J	UG/KG
ATRAZINE	330	440 U	UG/KG
BENZALDEHYDE	330	440 U	UG/KG
BENZO(A)ANTHRACENE	330	620	UG/KG
BENZO(A)PYRENE	330	520	UG/KG
BENZO(B)FLUORANTHENE	330	500	UG/KG
BENZO(G,H,I)PERYLENE	330	320 J	UG/KG
BENZO(K)FLUORANTHENE	330	430 J	UG/KG
1,1'-BIPHENYL	330	440 U	UG/KG
BUTYL BENZYL PHTHALATE	330	440 U	UG/KG
DI-N-BUTYLPHTHALATE	330	55 J	UG/KG
CAPROLACTAM	330	440 U	UG/KG
CARBAZOLE	330	130 J	UG/KG
INDENO(1,2,3-CD)PYRENE	330	310 J	UG/KG
4-CHLOROANILINE	330	440 U	UG/KG
BIS(-2-CHLOROETHOXY)METHANE	330	440 U	UG/KG
BIS(2-CHLOROETHYL)ETHER	330	440 U	UG/KG
2-CHLORONAPHTHALENE	330	440 U	UG/KG
2-CHLOROPHENOL	330	440 U	UG/KG
2,2'-OXYBIS(1-CHLOROPROPANE)	330	440 U	UG/KG
CHRYSENE	330	590	UG/KG
DIBENZO(A,H)ANTHRACENE	330	83 J	UG/KG
DIBENZOFURAN	330	440 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	440 U	UG/KG
2,4-DICHLOROPHENOL	330	440 U	UG/KG
DIETHYLPHTHALATE	330	440 U	UG/KG
DIMETHYL PHTHALATE	330	440 U	UG/KG
2,4-DIMETHYLPHENOL	330	440 U	UG/KG
2,4-DINITROPHENOL	1700	2300 U	UG/KG
2,4-DINITROTOLUENE	330	440 U	UG/KG
2,6-DINITROTOLUENE	330	440 U	UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	330	200 J	UG/KG
FLUORANTHENE	330	1500	UG/KG
FLUORENE	330	86 J	UG/KG
HEXACHLOROBENZENE	330	440 U	UG/KG
HEXACHLOROBUTADIENE	330	440 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	440 U	UG/KG
HEXACHLOROETHANE	330	440 U	UG/KG
ISOPHORONE	330	440 U	UG/KG
2-METHYLNAPHTHALENE	330	440 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-2(07/22/2008)

Date Sampled : 07/22/08 10:27 **Order #:** 1119952 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 74.4

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2300 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	440 U	UG/KG
2-METHYLPHENOL	330	440 U	UG/KG
4-METHYLPHENOL	330	440 U	UG/KG
NAPHTHALENE	330	440 U	UG/KG
2-NITROANILINE	1700	2300 U	UG/KG
3-NITROANILINE	1700	2300 U	UG/KG
4-NITROANILINE	1700	2300 U	UG/KG
NITROBENZENE	330	440 U	UG/KG
2-NITROPHENOL	330	440 U	UG/KG
4-NITROPHENOL	1700	2300 U	UG/KG
N-NITROSODIPHENYLAMINE	330	440 U	UG/KG
DI-N-OCTYL PHTHALATE	330	440 U	UG/KG
PENTACHLOROPHENOL	1700	2300 U	UG/KG
PHENANTHRENE	330	980	UG/KG
PHENOL	330	440 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	440 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	440 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	440 U	UG/KG
PYRENE	330	1000	UG/KG
2,4,6-TRICHLOROPHENOL	330	440 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	440 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(48 - 131 %)	95	%
NITROBENZENE-d5	(27 - 130 %)	93	%
PHENOL-d6	(10 - 133 %)	95	%
2-FLUOROBIPHENYL	(32 - 130 %)	90	%
2-FLUOROPHENOL	(10 - 130 %)	96	%
2,4,6-TRIBROMOPHENOL	(33 - 139 %)	112	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SS-2(07/22/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845062 SAS No.: _____ SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1119952 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: CY540.D

Level: (low/med) LOW Date Received: 7/22/08

% Moisture: 25.6 decanted: (Y/N) N Date Extracted: 7/25/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		~~unknown~~	~~2.72~~	~~280~~	~~J B~~ R
2.		unknown	13.98	210	J
3.	000243-17-4	11H-Benzo[b]fluorene	16.44	200	JN
4.	067860-04-2	Oxirane, heptadecyl-	20.94	1900	JN
5.		unknown hydrocarbon	21.59	510	J
6.		unknown	22.01	270	J
7.		unknown	23.60	200	J
8.		unknown hydrocarbon	24.41	1300	J
9.		unknown	27.17	460	J

9/11/08 R

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-3(07/22/2008)

Date Sampled : 07/22/08 10:47 **Order #:** 1119953 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 76.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	430 U	UG/KG
ACENAPHTHYLENE	330	430 U	UG/KG
ACETOPHENONE	330	430 U	UG/KG
ANTHRACENE	330	430 U	UG/KG
ATRAZINE	330	430 U	UG/KG
BENZALDEHYDE	330	430 U	UG/KG
BENZO(A)ANTHRACENE	330	140 J	UG/KG
BENZO(A)PYRENE	330	160 J	UG/KG
BENZO(B)FLUORANTHENE	330	140 J	UG/KG
BENZO(G,H,I)PERYLENE	330	120 J	UG/KG
BENZO(K)FLUORANTHENE	330	130 J	UG/KG
1,1'-BIPHENYL	330	430 U	UG/KG
BUTYL BENZYL PHTHALATE	330	430 U	UG/KG
DI-N-BUTYLPHTHALATE	330	88 J	UG/KG
CAPROLACTAM	330	430 U	UG/KG
CARBAZOLE	330	430 U	UG/KG
INDENO(1,2,3-CD)PYRENE	330	100 J	UG/KG
4-CHLOROANILINE	330	430 U	UG/KG
BIS(-2-CHLOROETHOXY)METHANE	330	430 U	UG/KG
BIS(2-CHLOROETHYL)ETHER	330	430 U	UG/KG
2-CHLORONAPHTHALENE	330	430 U	UG/KG
2-CHLOROPHENOL	330	430 U	UG/KG
2,2'-OXYBIS(1-CHLOROPROPANE)	330	430 U	UG/KG
CHRYSENE	330	170 J	UG/KG
DIBENZO(A,H)ANTHRACENE	330	430 U	UG/KG
DIBENZOFURAN	330	430 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	430 U	UG/KG
2,4-DICHLOROPHENOL	330	430 U	UG/KG
DIETHYLPHTHALATE	330	430 U	UG/KG
DIMETHYL PHTHALATE	330	430 U	UG/KG
2,4-DIMETHYLPHENOL	330	430 U	UG/KG
2,4-DINITROPHENOL	1700	2200 U	UG/KG
2,4-DINITROTOLUENE	330	430 U	UG/KG
2,6-DINITROTOLUENE	330	430 U	UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	330	220 J	UG/KG
FLUORANTHENE	330	320 J	UG/KG
FLUORENE	330	430 U	UG/KG
HEXACHLOROBENZENE	330	430 U	UG/KG
HEXACHLOROBUTADIENE	330	430 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	430 U	UG/KG
HEXACHLOROETHANE	330	430 U	UG/KG
ISOPHORONE	330	430 U	UG/KG
2-METHYLNAPHTHALENE	330	430 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-3(07/22/2008)

Date Sampled : 07/22/08 10:47 **Order #:** 1119953 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 76.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2200 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	430 U	UG/KG
2-METHYLPHENOL	330	430 U	UG/KG
4-METHYLPHENOL	330	430 U	UG/KG
NAPHTHALENE	330	430 U	UG/KG
2-NITROANILINE	1700	2200 U	UG/KG
3-NITROANILINE	1700	2200 U	UG/KG
4-NITROANILINE	1700	2200 U	UG/KG
NITROBENZENE	330	430 U	UG/KG
2-NITROPHENOL	330	430 U	UG/KG
4-NITROPHENOL	1700	2200 U	UG/KG
N-NITROSODIPHENYLAMINE	330	430 U	UG/KG
DI-N-OCTYL PHTHALATE	330	430 U	UG/KG
PENTACHLOROPHENOL	1700	2200 U	UG/KG
PHENANTHRENE	330	140 J	UG/KG
PHENOL	330	430 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	430 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	430 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	430 U	UG/KG
PYRENE	330	240 J	UG/KG
2,4,6-TRICHLOROPHENOL	330	430 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	430 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(48 - 131 %)	91	%
NITROBENZENE-d5	(27 - 130 %)	94	%
PHENOL-d6	(10 - 133 %)	94	%
2-FLUOROBIPHENYL	(32 - 130 %)	101	%
2-FLUOROPHENOL	(10 - 130 %)	93	%
2,4,6-TRIBROMOPHENOL	(33 - 139 %)	115	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-3(07/22/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845062 SAS No.: _____ SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1119953 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: CY541.D

Level: (low/med) LOW Date Received: 7/22/08

% Moisture: 23.9 decanted: (Y/N) N Date Extracted: 7/25/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~unknown~~	~~2.73~~	~~310~~	~~JB~~
2.	unknown	12.64	330	J
3.	unknown hydrocarbon	19.58	180	J
4. 067860-04-2	Oxirane, heptadecyl-	20.95	1900	JN
5.	unknown hydrocarbon	21.61	790	J
6.	unknown	23.62	470	J
7.	unknown hydrocarbon	24.44	1800	J
8.	unknown hydrocarbon	27.18	650	J

9/11/08 pr

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-4(07/22/2008)

Date Sampled : 07/22/08 11:35 **Order #:** 1119954 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 91.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/06/08			
ANALYTICAL DILUTION: 10.00			Dry Weight
ACENAPHTHENE	330	3600 U	UG/KG
ACENAPHTHYLENE	330	3600 U	UG/KG
ACETOPHENONE	330	3600 U	UG/KG
ANTHRACENE	330	3600 U	UG/KG
ATRAZINE	330	3600 U	UG/KG
BENZALDEHYDE	330	3600 U	UG/KG
BENZO(A)ANTHRACENE	330	3600 U	UG/KG
BENZO(A)PYRENE	330	3600 U	UG/KG
BENZO(B)FLUORANTHENE	330	3600 U	UG/KG
BENZO(G,H,I)PERYLENE	330	3600 U	UG/KG
BENZO(K)FLUORANTHENE	330	3600 U	UG/KG
1,1'-BIPHENYL	330	3600 U	UG/KG
BUTYL BENZYL PHTHALATE	330	3600 U	UG/KG
DI-N-BUTYLPHTHALATE	330	3600 U	UG/KG
CAPROLACTAM	330	3600 U	UG/KG
CARBAZOLE	330	3600 U	UG/KG
INDENO(1,2,3-CD)PYRENE	330	3600 U	UG/KG
4-CHLOROANILINE	330	3600 U	UG/KG
BIS(-2-CHLOROETHOXY)METHANE	330	3600 U	UG/KG
BIS(2-CHLOROETHYL)ETHER	330	3600 U	UG/KG
2-CHLORONAPHTHALENE	330	3600 U	UG/KG
2-CHLOROPHENOL	330	3600 U	UG/KG
2,2'-OXYBIS(1-CHLOROPROPANE)	330	3600 U	UG/KG
CHRYSENE	330	3600 U	UG/KG
DIBENZO(A,H)ANTHRACENE	330	3600 U	UG/KG
DIBENZOFURAN	330	3600 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	3600 U	UG/KG
2,4-DICHLOROPHENOL	330	3600 U	UG/KG
DIETHYLPHTHALATE	330	3600 U	UG/KG
DIMETHYL PHTHALATE	330	3600 U	UG/KG
2,4-DIMETHYLPHENOL	330	3600 U	UG/KG
2,4-DINITROPHENOL	1700	19000 U J	UG/KG
2,4-DINITROTOLUENE	330	3600 U	UG/KG
2,6-DINITROTOLUENE	330	3600 U	UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	330	590 J	UG/KG
FLUORANTHENE	330	3600 U	UG/KG
FLUORENE	330	3600 U	UG/KG
HEXACHLOROBENZENE	330	3600 U	UG/KG
HEXACHLOROBUTADIENE	330	3600 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	3600 U J	UG/KG
HEXACHLOROETHANE	330	3600 U	UG/KG
ISOPHORONE	330	3600 U	UG/KG
2-METHYLNAPHTHALENE	330	3600 U	UG/KG

9/11/08 SW

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-4(07/22/2008)

Date Sampled : 07/22/08 11:35 **Order #:** 1119954 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 91.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/06/08			
ANALYTICAL DILUTION: 10.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	19000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	3600 U	UG/KG
2-METHYLPHENOL	330	3600 U	UG/KG
4-METHYLPHENOL	330	3600 U	UG/KG
NAPHTHALENE	330	3600 U	UG/KG
2-NITROANILINE	1700	19000 U	UG/KG
3-NITROANILINE	1700	19000 U	UG/KG
4-NITROANILINE	1700	19000 U	UG/KG
NITROBENZENE	330	3600 U	UG/KG
2-NITROPHENOL	330	3600 U	UG/KG
4-NITROPHENOL	1700	19000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	3600 U	UG/KG
DI-N-OCTYL PHTHALATE	330	3600 U	UG/KG
PENTACHLOROPHENOL	1700	19000 U	UG/KG
PHENANTHRENE	330	3600 U	UG/KG
PHENOL	330	3600 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	3600 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	3600 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	3600 U	UG/KG
PYRENE	330	3600 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	3600 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	3600 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(48 - 131 %)	77	%
NITROBENZENE-d5	(27 - 130 %)	65	%
PHENOL-d6	(10 - 133 %)	62	%
2-FLUOROBIPHENYL	(32 - 130 %)	83	%
2-FLUOROPHENOL	(10 - 130 %)	64	%
2,4,6-TRIBROMOPHENOL	(33 - 139 %)	88	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS-4(07/22/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845062 SAS No.: _____ SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1119954 10

Sample wt/vol: 30 (g/ml) G Lab File ID: CY550.D

Level: (low/med) LOW Date Received: 7/22/08

% Moisture: 8.8 decanted: (Y/N) N Date Extracted: 7/25/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	19.88	2200	J

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-8 8'-12'

Date Sampled : 07/22/08 14:47 **Order #:** 1119958 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 85.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/06/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	390 U	UG/KG
ACENAPHTHYLENE	330	390 U	UG/KG
ACETOPHENONE	330	390 U	UG/KG
ANTHRACENE	330	390 U	UG/KG
ATRAZINE	330	390 U	UG/KG
BENZALDEHYDE	330	390 U	UG/KG
BENZO(A)ANTHRACENE	330	390 U	UG/KG
BENZO(A)PYRENE	330	390 U	UG/KG
BENZO(B)FLUORANTHENE	330	390 U	UG/KG
BENZO(G,H,I)PERYLENE	330	390 U	UG/KG
BENZO(K)FLUORANTHENE	330	390 U	UG/KG
1,1'-BIPHENYL	330	390 U	UG/KG
BUTYL BENZYL PHTHALATE	330	390 U	UG/KG
DI-N-BUTYLPHTHALATE	330	390 U	UG/KG
CAPROLACTAM	330	390 U	UG/KG
CARBAZOLE	330	390 U	UG/KG
INDENO(1,2,3-CD)PYRENE	330	390 U	UG/KG
4-CHLOROANILINE	330	390 U	UG/KG
BIS(-2-CHLOROETHOXY)METHANE	330	390 U	UG/KG
BIS(2-CHLOROETHYL)ETHER	330	390 U	UG/KG
2-CHLORONAPHTHALENE	330	390 U	UG/KG
2-CHLOROPHENOL	330	390 U	UG/KG
2,2'-OXYBIS(1-CHLOROPROPANE)	330	390 U	UG/KG
CHRYSENE	330	390 U	UG/KG
DIBENZO(A,H)ANTHRACENE	330	390 U	UG/KG
DIBENZOFURAN	330	390 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	390 U	UG/KG
2,4-DICHLOROPHENOL	330	390 U	UG/KG
DIETHYLPHTHALATE	330	390 U	UG/KG
DIMETHYL PHTHALATE	330	390 U	UG/KG
2,4-DIMETHYLPHENOL	330	390 U	UG/KG
2,4-DINITROPHENOL	1700	2000 U J	UG/KG
2,4-DINITROTOLUENE	330	390 U	UG/KG
2,6-DINITROTOLUENE	330	390 U	UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	330	390 U	UG/KG
FLUORANTHENE	330	390 U	UG/KG
FLUORENE	330	390 U	UG/KG
HEXACHLOROBENZENE	330	390 U	UG/KG
HEXACHLOROBUTADIENE	330	390 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	390 U J	UG/KG
HEXACHLOROETHANE	330	390 U	UG/KG
ISOPHORONE	330	390 U	UG/KG
2-METHYLNAPHTHALENE	330	390 U	UG/KG

9/11/08

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-8 8'-12'

Date Sampled : 07/22/08 14:47 **Order #:** 1119958 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 85.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/06/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	390 U	UG/KG
2-METHYLPHENOL	330	390 U	UG/KG
4-METHYLPHENOL	330	390 U	UG/KG
NAPHTHALENE	330	390 U	UG/KG
2-NITROANILINE	1700	2000 U	UG/KG
3-NITROANILINE	1700	2000 U	UG/KG
4-NITROANILINE	1700	2000 U	UG/KG
NITROBENZENE	330	390 U	UG/KG
2-NITROPHENOL	330	390 U	UG/KG
4-NITROPHENOL	1700	2000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	390 U	UG/KG
DI-N-OCTYL PHTHALATE	330	390 U	UG/KG
PENTACHLOROPHENOL	1700	2000 U	UG/KG
PHENANTHRENE	330	390 U	UG/KG
PHENOL	330	390 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	390 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	390 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	390 U	UG/KG
PYRENE	330	390 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	390 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	390 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(48 - 131 %)	107	%
NITROBENZENE-d5	(27 - 130 %)	84	%
PHENOL-d6	(10 - 133 %)	96	%
2-FLUOROBIPHENYL	(32 - 130 %)	88	%
2-FLUOROPHENOL	(10 - 130 %)	95	%
2,4,6-TRIBROMOPHENOL	(33 - 139 %)	122	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-8 8'-12'

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845062 SAS No.: _____ SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1119958 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: CY552.D

Level: (low/med) LOW Date Received: 7/22/08

% Moisture: 14.8 decanted: (Y/N) N Date Extracted: 7/25/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
~~1.~~	~~unknown~~	~~2.70~~	~~340~~	~~JB~~ R

8/11/08 R

300A

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-9 4'-8'

Date Sampled : 07/22/08 13:15 **Order #:** 1119957 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 82.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	400 U	UG/KG
ACENAPHTHYLENE	330	400 U	UG/KG
ACETOPHENONE	330	400 U	UG/KG
ANTHRACENE	330	400 U	UG/KG
ATRAZINE	330	400 U	UG/KG
BENZALDEHYDE	330	400 U	UG/KG
BENZO(A)ANTHRACENE	330	400 U	UG/KG
BENZO(A)PYRENE	330	400 U	UG/KG
BENZO(B)FLUORANTHENE	330	400 U	UG/KG
BENZO(G,H,I)PERYLENE	330	400 U	UG/KG
BENZO(K)FLUORANTHENE	330	400 U	UG/KG
1,1'-BIPHENYL	330	400 U	UG/KG
BUTYL BENZYL PHTHALATE	330	400 U	UG/KG
DI-N-BUTYLPHTHALATE	330	400 U	UG/KG
CAPROLACTAM	330	400 U	UG/KG
CARBAZOLE	330	400 U	UG/KG
INDENO(1,2,3-CD)PYRENE	330	400 U	UG/KG
4-CHLOROANILINE	330	400 U	UG/KG
BIS(-2-CHLOROETHOXY)METHANE	330	400 U	UG/KG
BIS(2-CHLOROETHYL)ETHER	330	400 U	UG/KG
2-CHLORONAPHTHALENE	330	400 U	UG/KG
2-CHLOROPHENOL	330	400 U	UG/KG
2,2'-OXYBIS(1-CHLOROPROPANE)	330	400 U	UG/KG
CHRYSENE	330	400 U	UG/KG
DIBENZO(A,H)ANTHRACENE	330	400 U	UG/KG
DIBENZOFURAN	330	400 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	400 U	UG/KG
2,4-DICHLOROPHENOL	330	400 U	UG/KG
DIETHYLPHTHALATE	330	400 U	UG/KG
DIMETHYL PHTHALATE	330	400 U	UG/KG
2,4-DIMETHYLPHENOL	330	400 U	UG/KG
2,4-DINITROPHENOL	1700	2100 U	UG/KG
2,4-DINITROTOLUENE	330	400 U	UG/KG
2,6-DINITROTOLUENE	330	400 U	UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	330	400 U	UG/KG
FLUORANTHENE	330	400 U	UG/KG
FLUORENE	330	400 U	UG/KG
HEXACHLOROBENZENE	330	400 U	UG/KG
HEXACHLOROBUTADIENE	330	400 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	400 U	UG/KG
HEXACHLOROETHANE	330	400 U	UG/KG
ISOPHORONE	330	400 U	UG/KG
2-METHYLNAPHTHALENE	330	400 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-9 4'-8'

Date Sampled : 07/22/08 13:15 **Order #:** 1119957 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 82.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2100 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	400 U	UG/KG
2-METHYLPHENOL	330	400 U	UG/KG
4-METHYLPHENOL	330	400 U	UG/KG
NAPHTHALENE	330	400 U	UG/KG
2-NITROANILINE	1700	2100 U	UG/KG
3-NITROANILINE	1700	2100 U	UG/KG
4-NITROANILINE	1700	2100 U	UG/KG
NITROBENZENE	330	400 U	UG/KG
2-NITROPHENOL	330	400 U	UG/KG
4-NITROPHENOL	1700	2100 U	UG/KG
N-NITROSODIPHENYLAMINE	330	400 U	UG/KG
DI-N-OCTYL PHTHALATE	330	400 U	UG/KG
PENTACHLOROPHENOL	1700	2100 U	UG/KG
PHENANTHRENE	330	400 U	UG/KG
PHENOL	330	400 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	400 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	400 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	400 U	UG/KG
PYRENE	330	400 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	400 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	400 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(48 - 131 %)	95	%
NITROBENZENE-d5	(27 - 130 %)	82	%
PHENOL-d6	(10 - 133 %)	87	%
2-FLUOROBIPHENYL	(32 - 130 %)	85	%
2-FLUOROPHENOL	(10 - 130 %)	88	%
2,4,6-TRIBROMOPHENOL	(33 - 139 %)	101	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
MMW-9 4'-8'

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845062 SAS No.: SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1119957 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: CY546.D

Level: (low/med) LOW Date Received: 7/22/08

% Moisture: 17.8 decanted: (Y/N) N Date Extracted: 7/25/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
~~1.~~	~~unknown~~	~~2.72~~	~~360~~	~~JB~~ R

9/11/08 pm

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-10 4'-5.4'

Date Sampled : 07/22/08 10:34 **Order #:** 1119956 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 79.4

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	54 J	UG/KG
ACENAPHTHYLENE	330	130 J	UG/KG
ACETOPHENONE	330	420 U	UG/KG
ANTHRACENE	330	390 J	UG/KG
ATRAZINE	330	420 U	UG/KG
BENZALDEHYDE	330	420 U	UG/KG
BENZO(A)ANTHRACENE	330	880	UG/KG
BENZO(A)PYRENE	330	670	UG/KG
BENZO(B)FLUORANTHENE	330	580	UG/KG
BENZO(G,H,I)PERYLENE	330	330 J	UG/KG
BENZO(K)FLUORANTHENE	330	520	UG/KG
1,1'-BIPHENYL	330	420 U	UG/KG
BUTYL BENZYL PHTHALATE	330	420 U	UG/KG
DI-N-BUTYLPHTHALATE	330	130 J	UG/KG
CAPROLACTAM	330	420 U	UG/KG
CARBAZOLE	330	420 U	UG/KG
INDENO(1,2,3-CD)PYRENE	330	340 J	UG/KG
4-CHLOROANILINE	330	420 U	UG/KG
BIS(-2-CHLOROETHOXY)METHANE	330	420 U	UG/KG
BIS(2-CHLOROETHYL)ETHER	330	420 U	UG/KG
2-CHLORONAPHTHALENE	330	420 U	UG/KG
2-CHLOROPHENOL	330	420 U	UG/KG
2,2'-OXYBIS(1-CHLOROPROPANE)	330	420 U	UG/KG
CHRYSENE	330	690	UG/KG
DIBENZO(A,H)ANTHRACENE	330	92 J	UG/KG
DIBENZOFURAN	330	100 J	UG/KG
3,3'-DICHLOROBENZIDINE	330	420 U	UG/KG
2,4-DICHLOROPHENOL	330	420 U	UG/KG
DIETHYLPHTHALATE	330	420 U	UG/KG
DIMETHYL PHTHALATE	330	420 U	UG/KG
2,4-DIMETHYLPHENOL	330	420 U	UG/KG
2,4-DINITROPHENOL	1700	2100 U	UG/KG
2,4-DINITROTOLUENE	330	420 U	UG/KG
2,6-DINITROTOLUENE	330	420 U	UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	330	450	UG/KG
FLUORANTHENE	330	1600	UG/KG
FLUORENE	330	130 J	UG/KG
HEXACHLOROBENZENE	330	420 U	UG/KG
HEXACHLOROBUTADIENE	330	420 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	420 U	UG/KG
HEXACHLOROETHANE	330	420 U	UG/KG
ISOPHORONE	330	420 U	UG/KG
2-METHYLNAPHTHALENE	330	110 J	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-10 4'-5.4'

Date Sampled : 07/22/08 10:34 **Order #:** 1119956 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 79.4

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/25/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2100 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	420 U	UG/KG
2-METHYLPHENOL	330	420 U	UG/KG
4-METHYLPHENOL	330	420 U	UG/KG
NAPHTHALENE	330	330 J	UG/KG
2-NITROANILINE	1700	2100 U	UG/KG
3-NITROANILINE	1700	2100 U	UG/KG
4-NITROANILINE	1700	2100 U	UG/KG
NITROBENZENE	330	420 U	UG/KG
2-NITROPHENOL	330	420 U	UG/KG
4-NITROPHENOL	1700	2100 U	UG/KG
N-NITROSODIPHENYLAMINE	330	420 U	UG/KG
DI-N-OCTYL PHTHALATE	330	420 U	UG/KG
PENTACHLOROPHENOL	1700	2100 U	UG/KG
PHENANTHRENE	330	910	UG/KG
PHENOL	330	420 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	420 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	420 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	420 U	UG/KG
PYRENE	330	1200	UG/KG
2,4,6-TRICHLOROPHENOL	330	420 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	420 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(48 - 131 %)	87	%
NITROBENZENE-d5	(27 - 130 %)	81	%
PHENOL-d6	(10 - 133 %)	91	%
2-FLUOROBIPHENYL	(32 - 130 %)	86	%
2-FLUOROPHENOL	(10 - 130 %)	93	%
2,4,6-TRIBROMOPHENOL	(33 - 139 %)	104	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MMW-10 4'-5.4'

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845062 SAS No.: _____ SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1119956 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: CY545.D

Level: (low/med) LOW Date Received: 7/22/08

% Moisture: 20.6 decanted: (Y/N) N Date Extracted: 7/25/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~unknown~~	~~2.71~~	~~320~~	~~J~~ R
2.	unknown pah	13.75	220	J
3.	unknown pah	13.81	320	J
4.	unknown pah	13.89	180	J
5.	unknown	13.99	420	J
6.	unknown pah	15.45	290	J
7. 000243-17-4	11H-Benzo[b]fluorene	16.46	460	JN
8. 033543-31-6	Fluoranthene, 2-methyl-	16.59	320	JN
9.	unknown	19.26	260	J
10.	unknown	20.13	180	J

9/11/08 m

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-01(07/23/08)

Date Sampled : 07/23/08 15:55 **Order #:** 1120241 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.02			
ACENAPHTHENE	10	10 U	UG/L
ACENAPHTHYLENE	10	10 U	UG/L
ACETOPHENONE	10	10 U	UG/L
ANTHRACENE	10	10 U	UG/L
ATRAZINE	10	10 U	UG/L
BENZALDEHYDE	10	10 U	UG/L
BENZO(A)ANTHRACENE	10	10 U	UG/L
BENZO(A)PYRENE	10	10 U	UG/L
BENZO(B)FLUORANTHENE	10	10 U	UG/L
BENZO(G,H,I)PERYLENE	10	10 U	UG/L
BENZO(K)FLUORANTHENE	10	10 U	UG/L
1,1'-BIPHENYL	10	10 U	UG/L
BUTYL BENZYL PHTHALATE	10	10 U	UG/L
DI-N-BUTYLPHTHALATE	10	10 U	UG/L
CAPROLACTAM	10	10 U	UG/L
CARBAZOLE	10	10 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	10 U	UG/L
4-CHLOROANILINE	10	10 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	10 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	10 U	UG/L
2-CHLORONAPHTHALENE	10	10 U	UG/L
2-CHLOROPHENOL	10	10 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	10 U	UG/L
CHRYSENE	10	10 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	10 U	UG/L
DIBENZOFURAN	10	10 U	UG/L
3,3'-DICHLOROBENZIDINE	10	10 U	UG/L
2,4-DICHLOROPHENOL	10	10 U	UG/L
DIETHYLPHTHALATE	10	10 U	UG/L
DIMETHYL PHTHALATE	10	10 U	UG/L
2,4-DIMETHYLPHENOL	10	10 U	UG/L
2,4-DINITROPHENOL	50	51 U	UG/L
2,4-DINITROTOLUENE	10	10 U	UG/L
2,6-DINITROTOLUENE	10	10 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	10 U	UG/L
FLUORANTHENE	10	10 U	UG/L
FLUORENE	10	10 U	UG/L
HEXACHLOROBENZENE	10	10 U	UG/L
HEXACHLOROBUTADIENE	10	10 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	10 U	UG/L
HEXACHLOROETHANE	10	10 U	UG/L
ISOPHORONE	10	10 U	UG/L
2-METHYLNAPHTHALENE	10	10 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-01(07/23/08)

Date Sampled : 07/23/08 15:55 **Order #:** 1120241 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

DATE EXTRACTED : 07/28/08
DATE ANALYZED : 08/05/08
ANALYTICAL DILUTION: 1.02

ANALYTE	PQL	RESULT	UNITS
4,6-DINITRO-2-METHYLPHENOL	50	51 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	10 U	UG/L
2-METHYLPHENOL	10	10 U	UG/L
4-METHYLPHENOL	10	10 U	UG/L
NAPHTHALENE	10	10 U	UG/L
2-NITROANILINE	50	51 U	UG/L
3-NITROANILINE	50	51 U	UG/L
4-NITROANILINE	50	51 U	UG/L
NITROBENZENE	10	10 U	UG/L
2-NITROPHENOL	10	10 U	UG/L
4-NITROPHENOL	50	51 U	UG/L
N-NITROSODIPHENYLAMINE	10	10 U	UG/L
DI-N-OCTYL PHTHALATE	10	10 U	UG/L
PENTACHLOROPHENOL	50	51 U	UG/L
PHENANTHRENE	10	10 U	UG/L
PHENOL	10	10 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	10 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	10 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	10 U	UG/L
PYRENE	10	10 U	UG/L
2,4,6-TRICHLOROPHENOL	10	10 U	UG/L
2,4,5-TRICHLOROPHENOL	10	10 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	77	%
NITROBENZENE-d5	(38 - 105 %)	64	%
PHENOL-d6	(10 - 69 %)	23	%
2-FLUOROBIPHENYL	(38 - 100 %)	68	%
2-FLUOROPHENOL	(17 - 74 %)	40	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	75	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
MMW - 01(07/23/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120241 1.02

Sample wt/vol: 980 (g/ml) ML Lab File ID: BT386.D

Level: (low/med) LOW Date Received: 7/23/08

% Moisture: decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

402A

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-02(07/23/08)

Date Sampled : 07/23/08 14:50 **Order #:** 1120242 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.12			
ACENAPHTHENE	10	11 U	UG/L
ACENAPHTHYLENE	10	11 U	UG/L
ACETOPHENONE	10	11 U	UG/L
ANTHRACENE	10	11 U	UG/L
ATRAZINE	10	11 U	UG/L
BENZALDEHYDE	10	11 U	UG/L
BENZO(A)ANTHRACENE	10	11 U	UG/L
BENZO(A)PYRENE	10	11 U	UG/L
BENZO(B)FLUORANTHENE	10	11 U	UG/L
BENZO(G,H,I)PERYLENE	10	11 U	UG/L
BENZO(K)FLUORANTHENE	10	11 U	UG/L
1,1'-BIPHENYL	10	11 U	UG/L
BUTYL BENZYL PHTHALATE	10	11 U	UG/L
DI-N-BUTYLPHTHALATE	10	11 U	UG/L
CAPROLACTAM	10	11 U	UG/L
CARBAZOLE	10	11 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	11 U	UG/L
4-CHLOROANILINE	10	11 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	11 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	11 U	UG/L
2-CHLORONAPHTHALENE	10	11 U	UG/L
2-CHLOROPHENOL	10	11 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	11 U	UG/L
CHRYSENE	10	11 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	11 U	UG/L
DIBENZOFURAN	10	11 U	UG/L
3,3'-DICHLOROBENZIDINE	10	11 U	UG/L
2,4-DICHLOROPHENOL	10	11 U	UG/L
DIETHYLPHTHALATE	10	11 U	UG/L
DIMETHYL PHTHALATE	10	11 U	UG/L
2,4-DIMETHYLPHENOL	10	11 U	UG/L
2,4-DINITROPHENOL	50	56 U	UG/L
2,4-DINITROTOLUENE	10	11 U	UG/L
2,6-DINITROTOLUENE	10	11 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	11 U	UG/L
FLUORANTHENE	10	11 U	UG/L
FLUORENE	10	11 U	UG/L
HEXACHLOROBENZENE	10	11 U	UG/L
HEXACHLOROBUTADIENE	10	11 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	11 U	UG/L
HEXACHLOROETHANE	10	11 U	UG/L
ISOPHORONE	10	11 U	UG/L
2-METHYLNAPHTHALENE	10	11 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-02(07/23/08)

Date Sampled : 07/23/08 14:50 **Order #:** 1120242 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.12			
4,6-DINITRO-2-METHYLPHENOL	50	56 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	11 U	UG/L
2-METHYLPHENOL	10	11 U	UG/L
4-METHYLPHENOL	10	11 U	UG/L
NAPHTHALENE	10	11 U	UG/L
2-NITROANILINE	50	56 U	UG/L
3-NITROANILINE	50	56 U	UG/L
4-NITROANILINE	50	56 U	UG/L
NITROBENZENE	10	11 U	UG/L
2-NITROPHENOL	10	11 U	UG/L
4-NITROPHENOL	50	56 U	UG/L
N-NITROSODIPHENYLAMINE	10	11 U	UG/L
DI-N-OCTYL PHTHALATE	10	11 U	UG/L
PENTACHLOROPHENOL	50	56 U	UG/L
PHENANTHRENE	10	11 U	UG/L
PHENOL	10	11 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	11 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	11 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	11 U	UG/L
PYRENE	10	11 U	UG/L
2,4,6-TRICHLOROPHENOL	10	11 U	UG/L
2,4,5-TRICHLOROPHENOL	10	11 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	76	%
NITROBENZENE-d5	(38 - 105 %)	62	%
PHENOL-d6	(10 - 69 %)	23	%
2-FLUOROBIPHENYL	(38 - 100 %)	68	%
2-FLUOROPHENOL	(17 - 74 %)	38	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	71	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
MMW - 02(07/23/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120242 1.12

Sample wt/vol: 890 (g/ml) ML Lab File ID: BT387.D

Level: (low/med) LOW Date Received: 7/23/08

% Moisture: decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-03(07/23/08)

Date Sampled : 07/23/08 13:55 **Order #:** 1120243 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.07			
ACENAPHTHENE	10	11 U	UG/L
ACENAPHTHYLENE	10	11 U	UG/L
ACETOPHENONE	10	11 U	UG/L
ANTHRACENE	10	11 U	UG/L
ATRAZINE	10	11 U	UG/L
BENZALDEHYDE	10	11 U	UG/L
BENZO(A)ANTHRACENE	10	11 U	UG/L
BENZO(A)PYRENE	10	11 U	UG/L
BENZO(B)FLUORANTHENE	10	11 U	UG/L
BENZO(G,H,I)PERYLENE	10	11 U	UG/L
BENZO(K)FLUORANTHENE	10	11 U	UG/L
1,1'-BIPHENYL	10	11 U	UG/L
BUTYL BENZYL PHTHALATE	10	11 U	UG/L
DI-N-BUTYLPHTHALATE	10	11 U	UG/L
CAPROLACTAM	10	11 U	UG/L
CARBAZOLE	10	11 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	11 U	UG/L
4-CHLOROANILINE	10	11 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	11 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	11 U	UG/L
2-CHLORONAPHTHALENE	10	11 U	UG/L
2-CHLOROPHENOL	10	11 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	11 U	UG/L
CHRYSENE	10	11 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	11 U	UG/L
DIBENZOFURAN	10	11 U	UG/L
3,3'-DICHLOROBENZIDINE	10	11 U	UG/L
2,4-DICHLOROPHENOL	10	11 U	UG/L
DIETHYLPHTHALATE	10	11 U	UG/L
DIMETHYL PHTHALATE	10	11 U	UG/L
2,4-DIMETHYLPHENOL	10	11 U	UG/L
2,4-DINITROPHENOL	50	54 U	UG/L
2,4-DINITROTOLUENE	10	11 U	UG/L
2,6-DINITROTOLUENE	10	11 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	11 U	UG/L
FLUORANTHENE	10	11 U	UG/L
FLUORENE	10	11 U	UG/L
HEXACHLOROBENZENE	10	11 U	UG/L
HEXACHLOROBUTADIENE	10	11 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	11 U	UG/L
HEXACHLOROETHANE	10	11 U	UG/L
ISOPHORONE	10	11 U	UG/L
2-METHYLNAPHTHALENE	10	11 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-03(07/23/08)

Date Sampled : 07/23/08 13:55 **Order #:** 1120243 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.07			
4,6-DINITRO-2-METHYLPHENOL	50	54 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	11 U	UG/L
2-METHYLPHENOL	10	11 U	UG/L
4-METHYLPHENOL	10	11 U	UG/L
NAPHTHALENE	10	11 U	UG/L
2-NITROANILINE	50	54 U	UG/L
3-NITROANILINE	50	54 U	UG/L
4-NITROANILINE	50	54 U	UG/L
NITROBENZENE	10	11 U	UG/L
2-NITROPHENOL	10	11 U	UG/L
4-NITROPHENOL	50	54 U	UG/L
N-NITROSODIPHENYLAMINE	10	11 U	UG/L
DI-N-OCTYL PHTHALATE	10	11 U	UG/L
PENTACHLOROPHENOL	50	54 U	UG/L
PHENANTHRENE	10	11 U	UG/L
PHENOL	10	11 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	11 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	11 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	11 U	UG/L
PYRENE	10	11 U	UG/L
2,4,6-TRICHLOROPHENOL	10	11 U	UG/L
2,4,5-TRICHLOROPHENOL	10	11 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	73	%
NITROBENZENE-d5	(38 - 105 %)	67	%
PHENOL-d6	(10 - 69 %)	24	%
2-FLUOROBIPHENYL	(38 - 100 %)	68	%
2-FLUOROPHENOL	(17 - 74 %)	40	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	81	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
MMW-03(07/23/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120243 1.07

Sample wt/vol: 930 (g/ml) ML Lab File ID: BT388.D

Level: (low/med) LOW Date Received: 7/23/08

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-04(07/23/08)

Date Sampled : 07/23/08 12:30 **Order #:** 1120244 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.16			
ACENAPHTHENE	10	12 U	UG/L
ACENAPHTHYLENE	10	12 U	UG/L
ACETOPHENONE	10	12 U	UG/L
ANTHRACENE	10	12 U	UG/L
ATRAZINE	10	12 U	UG/L
BENZALDEHYDE	10	12 U	UG/L
BENZO(A)ANTHRACENE	10	12 U	UG/L
BENZO(A)PYRENE	10	12 U	UG/L
BENZO(B)FLUORANTHENE	10	12 U	UG/L
BENZO(G,H,I)PERYLENE	10	12 U	UG/L
BENZO(K)FLUORANTHENE	10	12 U	UG/L
1,1'-BIPHENYL	10	12 U	UG/L
BUTYL BENZYL PHTHALATE	10	12 U	UG/L
DI-N-BUTYLPHTHALATE	10	12 U	UG/L
CAPROLACTAM	10	12 U	UG/L
CARBAZOLE	10	12 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	12 U	UG/L
4-CHLOROANILINE	10	12 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	12 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	12 U	UG/L
2-CHLORONAPHTHALENE	10	12 U	UG/L
2-CHLOROPHENOL	10	12 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	12 U	UG/L
CHRYSENE	10	12 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	12 U	UG/L
DIBENZOFURAN	10	12 U	UG/L
3,3'-DICHLOROBENZIDINE	10	12 U	UG/L
2,4-DICHLOROPHENOL	10	12 U	UG/L
DIETHYLPHTHALATE	10	12 U	UG/L
DIMETHYL PHTHALATE	10	12 U	UG/L
2,4-DIMETHYLPHENOL	10	12 U	UG/L
2,4-DINITROPHENOL	50	58 U	UG/L
2,4-DINITROTOLUENE	10	12 U	UG/L
2,6-DINITROTOLUENE	10	12 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	12 U	UG/L
FLUORANTHENE	10	12 U	UG/L
FLUORENE	10	12 U	UG/L
HEXACHLOROBENZENE	10	12 U	UG/L
HEXACHLOROBUTADIENE	10	12 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	12 U	UG/L
HEXACHLOROETHANE	10	12 U	UG/L
ISOPHORONE	10	12 U	UG/L
2-METHYLNAPHTHALENE	10	12 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-04(07/23/08)

Date Sampled : 07/23/08 12:30 **Order #:** 1120244 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

DATE EXTRACTED : 07/28/08
DATE ANALYZED : 08/05/08
ANALYTICAL DILUTION: 1.16

ANALYTE	PQL	RESULT	UNITS
4,6-DINITRO-2-METHYLPHENOL	50	58 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	12 U	UG/L
2-METHYLPHENOL	10	12 U	UG/L
4-METHYLPHENOL	10	12 U	UG/L
NAPHTHALENE	10	12 U	UG/L
2-NITROANILINE	50	58 U	UG/L
3-NITROANILINE	50	58 U	UG/L
4-NITROANILINE	50	58 U	UG/L
NITROBENZENE	10	12 U	UG/L
2-NITROPHENOL	10	12 U	UG/L
4-NITROPHENOL	50	58 U	UG/L
N-NITROSODIPHENYLAMINE	10	12 U	UG/L
DI-N-OCTYL PHTHALATE	10	12 U	UG/L
PENTACHLOROPHENOL	50	58 U	UG/L
PHENANTHRENE	10	12 U	UG/L
PHENOL	10	12 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	12 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	12 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	12 U	UG/L
PYRENE	10	12 U	UG/L
2,4,6-TRICHLOROPHENOL	10	12 U	UG/L
2,4,5-TRICHLOROPHENOL	10	12 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	80	%
NITROBENZENE-d5	(38 - 105 %)	68	%
PHENOL-d6	(10 - 69 %)	29	%
2-FLUOROBIPHENYL	(38 - 100 %)	71	%
2-FLUOROPHENOL	(17 - 74 %)	46	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	76	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
MMW-04(07/23/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120244 1.16

Sample wt/vol: 860 (g/ml) ML Lab File ID: BT389.D

Level: (low/med) LOW Date Received: 7/23/08

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

4/4A

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-05(07/23/08)

Date Sampled : 07/23/08 09:30 **Order #:** 1120245 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

DATE EXTRACTED : 07/28/08
DATE ANALYZED : 08/05/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACENAPHTHENE	10	10 U	UG/L
ACENAPHTHYLENE	10	10 U	UG/L
ACETOPHENONE	10	10 U	UG/L
ANTHRACENE	10	10 U	UG/L
ATRAZINE	10	10 U	UG/L
BENZALDEHYDE	10	10 U	UG/L
BENZO(A)ANTHRACENE	10	10 U	UG/L
BENZO(A)PYRENE	10	10 U	UG/L
BENZO(B)FLUORANTHENE	10	10 U	UG/L
BENZO(G,H,I)PERYLENE	10	10 U	UG/L
BENZO(K)FLUORANTHENE	10	10 U	UG/L
1,1'-BIPHENYL	10	10 U	UG/L
BUTYL BENZYL PHTHALATE	10	10 U	UG/L
DI-N-BUTYLPHTHALATE	10	10 U	UG/L
CAPROLACTAM	10	10 U	UG/L
CARBAZOLE	10	10 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	10 U	UG/L
4-CHLOROANILINE	10	10 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	10 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	10 U	UG/L
2-CHLORONAPHTHALENE	10	10 U	UG/L
2-CHLOROPHENOL	10	10 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	10 U	UG/L
CHRYSENE	10	10 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	10 U	UG/L
DIBENZOFURAN	10	10 U	UG/L
3,3'-DICHLOROBENZIDINE	10	10 U	UG/L
2,4-DICHLOROPHENOL	10	10 U	UG/L
DIETHYLPHTHALATE	10	10 U	UG/L
DIMETHYL PHTHALATE	10	10 U	UG/L
2,4-DIMETHYLPHENOL	10	10 U	UG/L
2,4-DINITROPHENOL	50	50 U	UG/L
2,4-DINITROTOLUENE	10	10 U	UG/L
2,6-DINITROTOLUENE	10	10 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	10 U	UG/L
FLUORANTHENE	10	10 U	UG/L
FLUORENE	10	10 U	UG/L
HEXACHLOROBENZENE	10	10 U	UG/L
HEXACHLOROBUTADIENE	10	10 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	10 U	UG/L
HEXACHLOROETHANE	10	10 U	UG/L
ISOPHORONE	10	10 U	UG/L
2-METHYLNAPHTHALENE	10	10 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-05(07/23/08)

Date Sampled : 07/23/08 09:30 **Order #:** 1120245 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.00			
4,6-DINITRO-2-METHYLPHENOL	50	50 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	10 U	UG/L
2-METHYLPHENOL	10	10 U	UG/L
4-METHYLPHENOL	10	10 U	UG/L
NAPHTHALENE	10	10 U	UG/L
2-NITROANILINE	50	50 U	UG/L
3-NITROANILINE	50	50 U	UG/L
4-NITROANILINE	50	50 U	UG/L
NITROBENZENE	10	10 U	UG/L
2-NITROPHENOL	10	10 U	UG/L
4-NITROPHENOL	50	50 U	UG/L
N-NITROSODIPHENYLAMINE	10	10 U	UG/L
DI-N-OCTYL PHTHALATE	10	10 U	UG/L
PENTACHLOROPHENOL	50	50 U	UG/L
PHENANTHRENE	10	10 U	UG/L
PHENOL	10	10 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	10 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	10 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	10 U	UG/L
PYRENE	10	10 U	UG/L
2,4,6-TRICHLOROPHENOL	10	10 U	UG/L
2,4,5-TRICHLOROPHENOL	10	10 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	78	%
NITROBENZENE-d5	(38 - 105 %)	71	%
PHENOL-d6	(10 - 69 %)	25	%
2-FLUOROBIPHENYL	(38 - 100 %)	73	%
2-FLUOROPHENOL	(17 - 74 %)	43	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	84	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
MMW - 05(07/23/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120245 1.0

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BT390.D

Level: (low/med) LOW Date Received: 7/23/08

% Moisture: decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002216-15-1	N,N-Diethyl-p-nitroaniline	14.52	8	JN

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-06(07/23/08)

Date Sampled : 07/23/08 10:55 **Order #:** 1120246 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 0.94			
ACENAPHTHENE	10	9.4 U	UG/L
ACENAPHTHYLENE	10	9.4 U	UG/L
ACETOPHENONE	10	9.4 U	UG/L
ANTHRACENE	10	9.4 U	UG/L
ATRAZINE	10	9.4 U	UG/L
BENZALDEHYDE	10	9.4 U	UG/L
BENZO(A)ANTHRACENE	10	9.4 U	UG/L
BENZO(A)PYRENE	10	9.4 U	UG/L
BENZO(B)FLUORANTHENE	10	9.4 U	UG/L
BENZO(G,H,I)PERYLENE	10	9.4 U	UG/L
BENZO(K)FLUORANTHENE	10	9.4 U	UG/L
1,1'-BIPHENYL	10	9.4 U	UG/L
BUTYL BENZYL PHTHALATE	10	9.4 U	UG/L
DI-N-BUTYLPHTHALATE	10	9.4 U	UG/L
CAPROLACTAM	10	9.4 U	UG/L
CARBAZOLE	10	9.4 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	9.4 U	UG/L
4-CHLOROANILINE	10	9.4 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	9.4 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	9.4 U	UG/L
2-CHLORONAPHTHALENE	10	9.4 U	UG/L
2-CHLOROPHENOL	10	9.4 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	9.4 U	UG/L
CHRYSENE	10	9.4 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	9.4 U	UG/L
DIBENZOFURAN	10	9.4 U	UG/L
3,3'-DICHLOROBENZIDINE	10	9.4 U	UG/L
2,4-DICHLOROPHENOL	10	9.4 U	UG/L
DIETHYLPHTHALATE	10	9.4 U	UG/L
DIMETHYL PHTHALATE	10	9.4 U	UG/L
2,4-DIMETHYLPHENOL	10	9.4 U	UG/L
2,4-DINITROPHENOL	50	47 U	UG/L
2,4-DINITROTOLUENE	10	9.4 U	UG/L
2,6-DINITROTOLUENE	10	9.4 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	9.4 U	UG/L
FLUORANTHENE	10	9.4 U	UG/L
FLUORENE	10	9.4 U	UG/L
HEXACHLOROBENZENE	10	9.4 U	UG/L
HEXACHLOROBUTADIENE	10	9.4 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	9.4 U	UG/L
HEXACHLOROETHANE	10	9.4 U	UG/L
ISOPHORONE	10	9.4 U	UG/L
2-METHYLNAPHTHALENE	10	9.4 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-06(07/23/08)

Date Sampled : 07/23/08 10:55 **Order #:** 1120246 **Sample Matrix:** WATER
Date Received: 07/23/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 0.94			
4,6-DINITRO-2-METHYLPHENOL	50	47 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	9.4 U	UG/L
2-METHYLPHENOL	10	9.4 U	UG/L
4-METHYLPHENOL	10	9.4 U	UG/L
NAPHTHALENE	10	9.4 U	UG/L
2-NITROANILINE	50	47 U	UG/L
3-NITROANILINE	50	47 U	UG/L
4-NITROANILINE	50	47 U	UG/L
NITROBENZENE	10	9.4 U	UG/L
2-NITROPHENOL	10	9.4 U	UG/L
4-NITROPHENOL	50	47 U	UG/L
N-NITROSODIPHENYLAMINE	10	9.4 U	UG/L
DI-N-OCTYL PHTHALATE	10	9.4 U	UG/L
PENTACHLOROPHENOL	50	47 U	UG/L
PHENANTHRENE	10	9.4 U	UG/L
PHENOL	10	9.4 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	9.4 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	9.4 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	9.4 U	UG/L
PYRENE	10	9.4 U	UG/L
2,4,6-TRICHLOROPHENOL	10	9.4 U	UG/L
2,4,5-TRICHLOROPHENOL	10	9.4 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	73	%
NITROBENZENE-d5	(38 - 105 %)	71	%
PHENOL-d6	(10 - 69 %)	24	%
2-FLUOROBIPHENYL	(38 - 100 %)	71	%
2-FLUOROPHENOL	(17 - 74 %)	41	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	77	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
MMW-06(7/23/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120246 0.94

Sample wt/vol: 1060 (g/ml) ML Lab File ID: BT391.D

Level: (low/med) LOW Date Received: 7/23/08

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-07(07/24/08)

Date Sampled : 07/24/08 11:15 **Order #:** 1120696 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 0.95			
ACENAPHTHENE	10	9.5 U	UG/L
ACENAPHTHYLENE	10	9.5 U	UG/L
ACETOPHENONE	10	9.5 U	UG/L
ANTHRACENE	10	9.5 U	UG/L
ATRAZINE	10	9.5 U	UG/L
BENZALDEHYDE	10	9.5 U	UG/L
BENZO(A)ANTHRACENE	10	9.5 U	UG/L
BENZO(A)PYRENE	10	9.5 U	UG/L
BENZO(B)FLUORANTHENE	10	9.5 U	UG/L
BENZO(G,H,I)PERYLENE	10	9.5 U	UG/L
BENZO(K)FLUORANTHENE	10	9.5 U	UG/L
1,1'-BIPHENYL	10	9.5 U	UG/L
BUTYL BENZYL PHTHALATE	10	9.5 U	UG/L
DI-N-BUTYLPHTHALATE	10	9.5 U	UG/L
CAPROLACTAM	10	9.5 U	UG/L
CARBAZOLE	10	9.5 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	9.5 U	UG/L
4-CHLOROANILINE	10	9.5 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	9.5 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	9.5 U	UG/L
2-CHLORONAPHTHALENE	10	9.5 U	UG/L
2-CHLOROPHENOL	10	9.5 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	9.5 U	UG/L
CHRYSENE	10	9.5 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	9.5 U	UG/L
DIBENZOFURAN	10	9.5 U	UG/L
3,3'-DICHLOROBENZIDINE	10	9.5 U	UG/L
2,4-DICHLOROPHENOL	10	9.5 U	UG/L
DIETHYLPHTHALATE	10	9.5 U	UG/L
DIMETHYL PHTHALATE	10	9.5 U	UG/L
2,4-DIMETHYLPHENOL	10	9.5 U	UG/L
2,4-DINITROPHENOL	50	48 U	UG/L
2,4-DINITROTOLUENE	10	9.5 U	UG/L
2,6-DINITROTOLUENE	10	9.5 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	9.5 U	UG/L
FLUORANTHENE	10	9.5 U	UG/L
FLUORENE	10	9.5 U	UG/L
HEXACHLOROBENZENE	10	9.5 U	UG/L
HEXACHLOROBUTADIENE	10	9.5 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	9.5 U	UG/L
HEXACHLOROETHANE	10	9.5 U	UG/L
ISOPHORONE	10	9.5 U	UG/L
2-METHYLNAPHTHALENE	10	9.5 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-07(07/24/08)

Date Sampled : 07/24/08 11:15 **Order #:** 1120696 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165121

DATE EXTRACTED : 07/28/08
DATE ANALYZED : 08/05/08
ANALYTICAL DILUTION: 0.95

ANALYTE	PQL	RESULT	UNITS
4,6-DINITRO-2-METHYLPHENOL	50	48 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	9.5 U	UG/L
2-METHYLPHENOL	10	9.5 U	UG/L
4-METHYLPHENOL	10	9.5 U	UG/L
NAPHTHALENE	10	9.5 U	UG/L
2-NITROANILINE	50	48 U	UG/L
3-NITROANILINE	50	48 U	UG/L
4-NITROANILINE	50	48 U	UG/L
NITROBENZENE	10	9.5 U	UG/L
2-NITROPHENOL	10	9.5 U	UG/L
4-NITROPHENOL	50	48 U	UG/L
N-NITROSODIPHENYLAMINE	10	9.5 U	UG/L
DI-N-OCTYL PHTHALATE	10	9.5 U	UG/L
PENTACHLOROPHENOL	50	48 U	UG/L
PHENANTHRENE	10	9.5 U	UG/L
PHENOL	10	9.5 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	9.5 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	9.5 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	9.5 U	UG/L
PYRENE	10	9.5 U	UG/L
2,4,6-TRICHLOROPHENOL	10	9.5 U	UG/L
2,4,5-TRICHLOROPHENOL	10	9.5 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	82	%
NITROBENZENE-d5	(38 - 105 %)	71	%
PHENOL-d6	(10 - 69 %)	25	%
2-FLUOROBIPHENYL	(38 - 100 %)	70	%
2-FLUOROPHENOL	(17 - 74 %)	43	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	84	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
MMW-07(07/24/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120696 0.95

Sample wt/vol: 1050 (g/ml) ML Lab File ID: BT394.D

Level: (low/med) LOW Date Received: 7/24/08

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

426A

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-08(07/24/08)

Date Sampled : 07/24/08 15:45 **Order #:** 1120697 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165121

DATE EXTRACTED : 07/28/08
DATE ANALYZED : 08/05/08
ANALYTICAL DILUTION: 1.15

ANALYTE	PQL	RESULT	UNITS
ACENAPHTHENE	10	12 U	UG/L
ACENAPHTHYLENE	10	12 U	UG/L
ACETOPHENONE	10	12 U	UG/L
ANTHRACENE	10	12 U	UG/L
ATRAZINE	10	12 U	UG/L
BENZALDEHYDE	10	12 U	UG/L
BENZO(A)ANTHRACENE	10	12 U	UG/L
BENZO(A)PYRENE	10	12 U	UG/L
BENZO(B)FLUORANTHENE	10	12 U	UG/L
BENZO(G,H,I)PERYLENE	10	12 U	UG/L
BENZO(K)FLUORANTHENE	10	12 U	UG/L
1,1'-BIPHENYL	10	12 U	UG/L
BUTYL BENZYL PHTHALATE	10	12 U	UG/L
DI-N-BUTYLPHTHALATE	10	1.5 J	UG/L
CAPROLACTAM	10	12 U	UG/L
CARBAZOLE	10	12 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	12 U	UG/L
4-CHLOROANILINE	10	12 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	12 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	12 U	UG/L
2-CHLORONAPHTHALENE	10	12 U	UG/L
2-CHLOROPHENOL	10	12 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	12 U	UG/L
CHRYSENE	10	12 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	12 U	UG/L
DIBENZOFURAN	10	12 U	UG/L
3,3'-DICHLOROBENZIDINE	10	12 U	UG/L
2,4-DICHLOROPHENOL	10	12 U	UG/L
DIETHYLPHTHALATE	10	12 U	UG/L
DIMETHYL PHTHALATE	10	12 U	UG/L
2,4-DIMETHYLPHENOL	10	12 U	UG/L
2,4-DINITROPHENOL	50	57 U	UG/L
2,4-DINITROTOLUENE	10	12 U	UG/L
2,6-DINITROTOLUENE	10	12 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	12 U	UG/L
FLUORANTHENE	10	12 U	UG/L
FLUORENE	10	12 U	UG/L
HEXACHLOROBENZENE	10	12 U	UG/L
HEXACHLOROBUTADIENE	10	12 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	12 U	UG/L
HEXACHLOROETHANE	10	12 U	UG/L
ISOPHORONE	10	12 U	UG/L
2-METHYLNAPHTHALENE	10	12 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-08(07/24/08)

Date Sampled : 07/24/08 15:45 **Order #:** 1120697 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 1.15			
4,6-DINITRO-2-METHYLPHENOL	50	57 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	12 U	UG/L
2-METHYLPHENOL	10	12 U	UG/L
4-METHYLPHENOL	10	12 U	UG/L
NAPHTHALENE	10	12 U	UG/L
2-NITROANILINE	50	57 U	UG/L
3-NITROANILINE	50	57 U	UG/L
4-NITROANILINE	50	57 U	UG/L
NITROBENZENE	10	12 U	UG/L
2-NITROPHENOL	10	12 U	UG/L
4-NITROPHENOL	50	57 U	UG/L
N-NITROSODIPHENYLAMINE	10	12 U	UG/L
DI-N-OCTYL PHTHALATE	10	12 U	UG/L
PENTACHLOROPHENOL	50	57 U	UG/L
PHENANTHRENE	10	12 U	UG/L
PHENOL	10	12 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	12 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	12 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	12 U	UG/L
PYRENE	10	12 U	UG/L
2,4,6-TRICHLOROPHENOL	10	12 U	UG/L
2,4,5-TRICHLOROPHENOL	10	12 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	71	%
NITROBENZENE-d5	(38 - 105 %)	70	%
PHENOL-d6	(10 - 69 %)	28	%
2-FLUOROBIPHENYL	(38 - 100 %)	71	%
2-FLUOROPHENOL	(17 - 74 %)	45	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	73	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
MMW-08(07/24/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120697 1.15

Sample wt/vol: 870 (g/ml) ML Lab File ID: BT395.D

Level: (low/med) LOW Date Received: 7/24/08

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-09(07/24/08)

Date Sampled : 07/24/08 13:30 **Order #:** 1120698 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 0.94			
ACENAPHTHENE	10	9.4 U	UG/L
ACENAPHTHYLENE	10	9.4 U	UG/L
ACETOPHENONE	10	9.4 U	UG/L
ANTHRACENE	10	9.4 U	UG/L
ATRAZINE	10	9.4 U	UG/L
BENZALDEHYDE	10	9.4 U	UG/L
BENZO(A)ANTHRACENE	10	9.4 U	UG/L
BENZO(A)PYRENE	10	9.4 U	UG/L
BENZO(B)FLUORANTHENE	10	9.4 U	UG/L
BENZO(G,H,I)PERYLENE	10	9.4 U	UG/L
BENZO(K)FLUORANTHENE	10	9.4 U	UG/L
1,1'-BIPHENYL	10	9.4 U	UG/L
BUTYL BENZYL PHTHALATE	10	9.4 U	UG/L
DI-N-BUTYLPHTHALATE	10	9.4 U	UG/L
CAPROLACTAM	10	9.4 U	UG/L
CARBAZOLE	10	9.4 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	9.4 U	UG/L
4-CHLOROANILINE	10	9.4 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	9.4 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	9.4 U	UG/L
2-CHLORONAPHTHALENE	10	9.4 U	UG/L
2-CHLOROPHENOL	10	9.4 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	9.4 U	UG/L
CHRYSENE	10	9.4 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	9.4 U	UG/L
DIBENZOFURAN	10	9.4 U	UG/L
3,3'-DICHLOROBENZIDINE	10	9.4 U	UG/L
2,4-DICHLOROPHENOL	10	9.4 U	UG/L
DIETHYLPHTHALATE	10	9.4 U	UG/L
DIMETHYL PHTHALATE	10	9.4 U	UG/L
2,4-DIMETHYLPHENOL	10	9.4 U	UG/L
2,4-DINITROPHENOL	50	47 U	UG/L
2,4-DINITROTOLUENE	10	9.4 U	UG/L
2,6-DINITROTOLUENE	10	9.4 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	9.4 U	UG/L
FLUORANTHENE	10	9.4 U	UG/L
FLUORENE	10	9.4 U	UG/L
HEXACHLOROBENZENE	10	9.4 U	UG/L
HEXACHLOROBUTADIENE	10	9.4 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	9.4 U	UG/L
HEXACHLOROETHANE	10	9.4 U	UG/L
ISOPHORONE	10	9.4 U	UG/L
2-METHYLNAPHTHALENE	10	9.4 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-09(07/24/08)

Date Sampled : 07/24/08 13:30 **Order #:** 1120698 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 0.94			
4,6-DINITRO-2-METHYLPHENOL	50	47 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	9.4 U	UG/L
2-METHYLPHENOL	10	9.4 U	UG/L
4-METHYLPHENOL	10	9.4 U	UG/L
NAPHTHALENE	10	9.4 U	UG/L
2-NITROANILINE	50	47 U	UG/L
3-NITROANILINE	50	47 U	UG/L
4-NITROANILINE	50	47 U	UG/L
NITROBENZENE	10	9.4 U	UG/L
2-NITROPHENOL	10	9.4 U	UG/L
4-NITROPHENOL	50	47 U	UG/L
N-NITROSODIPHENYLAMINE	10	9.4 U	UG/L
DI-N-OCTYL PHTHALATE	10	9.4 U	UG/L
PENTACHLOROPHENOL	50	47 U	UG/L
PHENANTHRENE	10	9.4 U	UG/L
PHENOL	10	9.4 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	9.4 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	9.4 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	9.4 U	UG/L
PYRENE	10	9.4 U	UG/L
2,4,6-TRICHLOROPHENOL	10	9.4 U	UG/L
2,4,5-TRICHLOROPHENOL	10	9.4 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	80	%
NITROBENZENE-d5	(38 - 105 %)	81	%
PHENOL-d6	(10 - 69 %)	25	%
2-FLUOROBIPHENYL	(38 - 100 %)	89	%
2-FLUOROPHENOL	(17 - 74 %)	45	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	82	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
MMW-09(07/24/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120698 0.94

Sample wt/vol: 1060 (g/ml) ML Lab File ID: BT396.D

Level: (low/med) LOW Date Received: 7/24/08

% Moisture: decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-10(07/24/08)

Date Sampled : 07/24/08 14:30 **Order #:** 1120699 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 0.95			
ACENAPHTHENE	10	9.5 U	UG/L
ACENAPHTHYLENE	10	9.5 U	UG/L
ACETOPHENONE	10	9.5 U	UG/L
ANTHRACENE	10	9.5 U	UG/L
ATRAZINE	10	9.5 U	UG/L
BENZALDEHYDE	10	9.5 U	UG/L
BENZO(A)ANTHRACENE	10	9.5 U	UG/L
BENZO(A)PYRENE	10	9.5 U	UG/L
BENZO(B)FLUORANTHENE	10	9.5 U	UG/L
BENZO(G,H,I)PERYLENE	10	9.5 U	UG/L
BENZO(K)FLUORANTHENE	10	9.5 U	UG/L
1,1'-BIPHENYL	10	9.5 U	UG/L
BUTYL BENZYL PHTHALATE	10	9.5 U	UG/L
DI-N-BUTYLPHTHALATE	10	9.5 U	UG/L
CAPROLACTAM	10	9.5 U	UG/L
CARBAZOLE	10	9.5 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	9.5 U	UG/L
4-CHLOROANILINE	10	9.5 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	9.5 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	9.5 U	UG/L
2-CHLORONAPHTHALENE	10	9.5 U	UG/L
2-CHLOROPHENOL	10	9.5 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	9.5 U	UG/L
CHRYSENE	10	9.5 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	9.5 U	UG/L
DIBENZOFURAN	10	9.5 U	UG/L
3,3'-DICHLOROBENZIDINE	10	9.5 U	UG/L
2,4-DICHLOROPHENOL	10	9.5 U	UG/L
DIETHYLPHTHALATE	10	9.5 U	UG/L
DIMETHYL PHTHALATE	10	9.5 U	UG/L
2,4-DIMETHYLPHENOL	10	9.5 U	UG/L
2,4-DINITROPHENOL	50	48 U	UG/L
2,4-DINITROTOLUENE	10	9.5 U	UG/L
2,6-DINITROTOLUENE	10	9.5 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	9.5 U	UG/L
FLUORANTHENE	10	9.5 U	UG/L
FLUORENE	10	9.5 U	UG/L
HEXACHLOROBENZENE	10	9.5 U	UG/L
HEXACHLOROBUTADIENE	10	9.5 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	9.5 U	UG/L
HEXACHLOROETHANE	10	9.5 U	UG/L
ISOPHORONE	10	9.5 U	UG/L
2-METHYLNAPHTHALENE	10	9.5 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MMW-10(07/24/08)

Date Sampled : 07/24/08 14:30 **Order #:** 1120699 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/05/08			
ANALYTICAL DILUTION: 0.95			
4,6-DINITRO-2-METHYLPHENOL	50	48 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	9.5 U	UG/L
2-METHYLPHENOL	10	9.5 U	UG/L
4-METHYLPHENOL	10	9.5 U	UG/L
NAPHTHALENE	10	9.5 U	UG/L
2-NITROANILINE	50	48 U	UG/L
3-NITROANILINE	50	48 U	UG/L
4-NITROANILINE	50	48 U	UG/L
NITROBENZENE	10	9.5 U	UG/L
2-NITROPHENOL	10	9.5 U	UG/L
4-NITROPHENOL	50	48 U	UG/L
N-NITROSODIPHENYLAMINE	10	9.5 U	UG/L
DI-N-OCTYL PHTHALATE	10	9.5 U	UG/L
PENTACHLOROPHENOL	50	48 U	UG/L
PHENANTHRENE	10	9.5 U	UG/L
PHENOL	10	9.5 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	9.5 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	9.5 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	9.5 U	UG/L
PYRENE	10	9.5 U	UG/L
2,4,6-TRICHLOROPHENOL	10	9.5 U	UG/L
2,4,5-TRICHLOROPHENOL	10	9.5 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	84	%
NITROBENZENE-d5	(38 - 105 %)	76	%
PHENOL-d6	(10 - 69 %)	25	%
2-FLUOROBIPHENYL	(38 - 100 %)	76	%
2-FLUOROPHENOL	(17 - 74 %)	43	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	74	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
10(07/24/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120699 0.95

Sample wt/vol: 1050 (g/ml) ML Lab File ID: BT397.D

Level: (low/med) LOW Date Received: 7/24/08

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. ~~000108-87-2~~	~~Cyclohexane, methyl-~~	~~2.34~~	~~8~~	~~JN~~

Reported as a target VOC

9/10/08 JM

439A

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MP-01(07/24/08)

Date Sampled : 07/24/08 12:40 **Order #:** 1120700 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165121

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 08/06/08			
ANALYTICAL DILUTION: 1.09			
ACENAPHTHENE	10	11 U	UG/L
ACENAPHTHYLENE	10	11 U	UG/L
ACETOPHENONE	10	11 U	UG/L
ANTHRACENE	10	11 U	UG/L
ATRAZINE	10	11 U	UG/L
BENZALDEHYDE	10	11 U	UG/L
BENZO(A)ANTHRACENE	10	11 U	UG/L
BENZO(A)PYRENE	10	11 U	UG/L
BENZO(B)FLUORANTHENE	10	11 U	UG/L
BENZO(G,H,I)PERYLENE	10	11 U	UG/L
BENZO(K)FLUORANTHENE	10	11 U	UG/L
1,1'-BIPHENYL	10	11 U	UG/L
BUTYL BENZYL PHTHALATE	10	11 U	UG/L
DI-N-BUTYLPHTHALATE	10	11 U	UG/L
CAPROLACTAM	10	11 U	UG/L
CARBAZOLE	10	11 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	11 U	UG/L
4-CHLOROANILINE	10	11 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	11 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	11 U	UG/L
2-CHLORONAPHTHALENE	10	11 U	UG/L
2-CHLOROPHENOL	10	11 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	11 U	UG/L
CHRYSENE	10	11 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	11 U	UG/L
DIBENZOFURAN	10	11 U	UG/L
3,3'-DICHLOROBENZIDINE	10	11 U	UG/L
2,4-DICHLOROPHENOL	10	11 U	UG/L
DIETHYLPHTHALATE	10	11 U	UG/L
DIMETHYL PHTHALATE	10	11 U	UG/L
2,4-DIMETHYLPHENOL	10	11 U	UG/L
2,4-DINITROPHENOL	50	55 U	UG/L
2,4-DINITROTOLUENE	10	11 U	UG/L
2,6-DINITROTOLUENE	10	11 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	11 U	UG/L
FLUORANTHENE	10	11 U	UG/L
FLUORENE	10	11 U	UG/L
HEXACHLOROBENZENE	10	11 U	UG/L
HEXACHLOROBUTADIENE	10	11 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	11 U	UG/L
HEXACHLOROETHANE	10	11 U	UG/L
ISOPHORONE	10	11 U	UG/L
2-METHYLNAPHTHALENE	10	11 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : MP-01(07/24/08)

Date Sampled : 07/24/08 12:40 **Order #:** 1120700 **Sample Matrix:** WATER
Date Received: 07/24/08 **Submission #:** R2845071 **Analytical Run** 165121

DATE EXTRACTED : 07/28/08
DATE ANALYZED : 08/06/08
ANALYTICAL DILUTION: 1.09

ANALYTE	PQL	RESULT	UNITS
4,6-DINITRO-2-METHYLPHENOL	50	55 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	11 U	UG/L
2-METHYLPHENOL	10	11 U	UG/L
4-METHYLPHENOL	10	11 U	UG/L
NAPHTHALENE	10	11 U	UG/L
2-NITROANILINE	50	55 U	UG/L
3-NITROANILINE	50	55 U	UG/L
4-NITROANILINE	50	55 U	UG/L
NITROBENZENE	10	11 U	UG/L
2-NITROPHENOL	10	11 U	UG/L
4-NITROPHENOL	50	55 U	UG/L
N-NITROSODIPHENYLAMINE	10	11 U	UG/L
DI-N-OCTYL PHTHALATE	10	11 U	UG/L
PENTACHLOROPHENOL	50	55 U	UG/L
PHENANTHRENE	10	11 U	UG/L
PHENOL	10	11 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	11 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	11 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	11 U	UG/L
PYRENE	10	11 U	UG/L
2,4,6-TRICHLOROPHENOL	10	11 U	UG/L
2,4,5-TRICHLOROPHENOL	10	11 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	85	%
NITROBENZENE-d5	(38 - 105 %)	78	%
PHENOL-d6	(10 - 69 %)	29	%
2-FLUOROBIPHENYL	(38 - 100 %)	80	%
2-FLUOROPHENOL	(17 - 74 %)	46	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	91	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MP-01(07/24/08)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: _____ SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1120700 1.09

Sample wt/vol: 920 (g/ml) ML Lab File ID: BT401.D

Level: (low/med) LOW Date Received: 7/24/08

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/28/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

445A

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : RB20080722

Date Sampled : 07/22/08 12:10 **Order #:** 1119959 **Sample Matrix:** WATER
Date Received: 07/22/08 **Submission #:** R2845071 **Analytical Run** 164665

DATE EXTRACTED : 07/24/08
DATE ANALYZED : 07/31/08
ANALYTICAL DILUTION: 0.95

ANALYTE	PQL	RESULT	UNITS
ACENAPHTHENE	10	9.5 U	UG/L
ACENAPHTHYLENE	10	9.5 U	UG/L
ACETOPHENONE	10	9.5 U	UG/L
ANTHRACENE	10	9.5 U	UG/L
ATRAZINE	10	9.5 U	UG/L
BENZALDEHYDE	10	9.5 U J	UG/L
BENZO(A)ANTHRACENE	10	9.5 U	UG/L
BENZO(A)PYRENE	10	9.5 U	UG/L
BENZO(B)FLUORANTHENE	10	9.5 U	UG/L
BENZO(G,H,I)PERYLENE	10	9.5 U	UG/L
BENZO(K)FLUORANTHENE	10	9.5 U	UG/L
1,1'-BIPHENYL	10	9.5 U	UG/L
BUTYL BENZYL PHTHALATE	10	9.5 U	UG/L
DI-N-BUTYLPHTHALATE	10	9.5 U	UG/L
CAPROLACTAM	10	9.5 U	UG/L
CARBAZOLE	10	9.5 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	9.5 U	UG/L
4-CHLOROANILINE	10	9.5 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	10	9.5 U	UG/L
BIS(2-CHLOROETHYL)ETHER	10	9.5 U	UG/L
2-CHLORONAPHTHALENE	10	9.5 U	UG/L
2-CHLOROPHENOL	10	9.5 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	10	9.5 U	UG/L
CHRYSENE	10	9.5 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	9.5 U	UG/L
DIBENZOFURAN	10	9.5 U	UG/L
3,3'-DICHLOROBENZIDINE	10	9.5 U	UG/L
2,4-DICHLOROPHENOL	10	9.5 U	UG/L
DIETHYLPHTHALATE	10	9.5 U	UG/L
DIMETHYL PHTHALATE	10	9.5 U	UG/L
2,4-DIMETHYLPHENOL	10	9.5 U	UG/L
2,4-DINITROPHENOL	50	48 U	UG/L
2,4-DINITROTOLUENE	10	9.5 U	UG/L
2,6-DINITROTOLUENE	10	9.5 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	10	9.5 U	UG/L
FLUORANTHENE	10	9.5 U	UG/L
FLUORENE	10	9.5 U	UG/L
HEXACHLOROBENZENE	10	9.5 U	UG/L
HEXACHLOROBUTADIENE	10	9.5 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	9.5 U	UG/L
HEXACHLOROETHANE	10	9.5 U	UG/L
ISOPHORONE	10	9.5 U	UG/L
2-METHYLNAPHTHALENE	10	9.5 U	UG/L

9/10/08

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : RB20080722

Date Sampled : 07/22/08 12:10 **Order #:** 1119959 **Sample Matrix:** WATER
Date Received: 07/22/08 **Submission #:** R2845071 **Analytical Run** 164665

DATE EXTRACTED : 07/24/08
DATE ANALYZED : 07/31/08
ANALYTICAL DILUTION: 0.95

ANALYTE	PQL	RESULT	UNITS
4,6-DINITRO-2-METHYLPHENOL	50	48 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	9.5 U	UG/L
2-METHYLPHENOL	10	9.5 U	UG/L
4-METHYLPHENOL	10	9.5 U	UG/L
NAPHTHALENE	10	9.5 U	UG/L
2-NITROANILINE	50	48 U	UG/L
3-NITROANILINE	50	48 U	UG/L
4-NITROANILINE	50	48 U	UG/L
NITROBENZENE	10	9.5 U	UG/L
2-NITROPHENOL	10	9.5 U	UG/L
4-NITROPHENOL	50	48 U	UG/L
N-NITROSODIPHENYLAMINE	10	9.5 U	UG/L
DI-N-OCTYL PHTHALATE	10	9.5 U	UG/L
PENTACHLOROPHENOL	50	48 U	UG/L
PHENANTHRENE	10	9.5 U	UG/L
PHENOL	10	9.5 U	UG/L
4-BROMOPHENYL-PHENYLETHER	10	9.5 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	10	9.5 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	9.5 U	UG/L
PYRENE	10	9.5 U	UG/L
2,4,6-TRICHLOROPHENOL	10	9.5 U	UG/L
2,4,5-TRICHLOROPHENOL	10	9.5 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	93	%
NITROBENZENE-d5	(38 - 105 %)	72	%
PHENOL-d6	(10 - 69 %)	26	%
2-FLUOROBIPHENYL	(38 - 100 %)	78	%
2-FLUOROPHENOL	(17 - 74 %)	42	%
2,4,6-TRIBROMOPHENOL	(41 - 135 %)	91	%

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RB20080722

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: SDG No.: MMW-01

Matrix: (soil/water) WATER Lab Sample ID: 1119959 0.95

Sample wt/vol: 1050 (g/ml) ML Lab File ID: BT343.D

Level: (low/med) LOW Date Received: 7/22/08

% Moisture: decanted: (Y/N) N Date Extracted: 7/24/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/31/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCB'S
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-1(07/22/2008)

Date Sampled : 07/22/08 09:55 **Order #:** 1119951 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 76.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 07/31/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	33	43 U	UG/KG
PCB 1221	67	88 U	UG/KG
PCB 1232	33	43 U	UG/KG
PCB 1242	33	43 U	UG/KG
PCB 1248	33	43 U	UG/KG
PCB 1254	33	43 U	UG/KG
PCB 1260	33	43 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(29 - 153 %)	84	%
TETRACHLORO-META-XYLENE	(27 - 134 %)	79	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCB'S
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-2(07/22/2008)

Date Sampled : 07/22/08 10:27 **Order #:** 1119952 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 74.4

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 07/31/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	33	44 U	UG/KG
PCB 1221	67	90 U	UG/KG
PCB 1232	33	44 U	UG/KG
PCB 1242	33	44 U	UG/KG
PCB 1248	33	44 U	UG/KG
PCB 1254	33	44 U	UG/KG
PCB 1260	33	44 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(29 - 153 %)	96	%
TETRACHLORO-META-XYLENE	(27 - 134 %)	91	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCB'S
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-3(07/22/2008)

Date Sampled : 07/22/08 10:47 **Order #:** 1119953 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 76.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 07/31/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	33	43 U	UG/KG
PCB 1221	67	88 U	UG/KG
PCB 1232	33	43 U	UG/KG
PCB 1242	33	43 U	UG/KG
PCB 1248	33	43 U	UG/KG
PCB 1254	33	43 U	UG/KG
PCB 1260	33	43 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(29 - 153 %)	84	%
TETRACHLORO-META-XYLENE	(27 - 134 %)	81	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCB'S
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : SS-4(07/22/2008)

Date Sampled : 07/22/08 11:35 **Order #:** 1119954 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 07/22/08 **Submission #:** R2845062 **Percent Solid:** 91.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/28/08			
DATE ANALYZED : 07/31/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	33	36 U	UG/KG
PCB 1221	67	73 U	UG/KG
PCB 1232	33	36 U	UG/KG
PCB 1242	33	36 U	UG/KG
PCB 1248	33	36 U	UG/KG
PCB 1254	33	36 U	UG/KG
PCB 1260	33	99	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(29 - 153 %)	78	%
TETRACHLORO-META-XYLENE	(27 - 134 %)	88	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCB'S
Reported: 08/21/08

URS Corporation
Project Reference: PACTIV - MACEDON, NY
Client Sample ID : RB20080722

Date Sampled : 07/22/08 12:10 **Order #:** 1119959 **Sample Matrix:** WATER
Date Received: 07/22/08 **Submission #:** R2845071 **Analytical Run** 164854

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/29/08			
DATE ANALYZED : 07/30/08			
ANALYTICAL DILUTION: 1.00			
PCB 1016	0.94	0.94 U	UG/L
PCB 1221	1.9	1.9 U	UG/L
PCB 1232	0.94	0.94 U	UG/L
PCB 1242	0.94	0.94 U	UG/L
PCB 1248	0.94	0.94 U	UG/L
PCB 1254	0.94	0.94 U	UG/L
PCB 1260	0.94	0.94 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL	(10 - 129 %)	40	%
TETRACHLORO-META-XYLENE	(34 - 113 %)	61	%

Columbia Analytical Services

METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
SS-1(07/22/2008)

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG NO.: MW-10

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 1119951

Level (low/med): LOW Date Received: 07/22/08

% Solids: 76.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.2			P
7440-39-3	Barium	65.7			P
7440-43-9	Cadmium	0.42	~~B~~ J		P
7440-47-3	Chromium	14.8			P
7439-92-1	Lead	52.1		~~B~~ J	P
7439-97-6	Mercury	0.09			CV
7782-49-2	Selenium	1.5		J	P
7440-22-4	Silver	0.09	U		P

9/11/08 JM

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-2(07/22/2008)

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG NO.: MW-10

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 1119952

Level (low/med): LOW Date Received: 07/22/08

% Solids: 74.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.9			P
7440-39-3	Barium	54.5			P
7440-43-9	Cadmium	0.47	B		P
7440-47-3	Chromium	13.0			P
7439-92-1	Lead	52.2		B J	P
7439-97-6	Mercury	0.09			CV
7782-49-2	Selenium	0.72	B		P
7440-22-4	Silver	0.10	U		P

9/11/08 JT

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-3(07/22/2008)

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG NO.: MW-10

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 1119953

Level (low/med): LOW Date Received: 07/22/08

% Solids: 76.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.0			P
7440-39-3	Barium	72.2			P
7440-43-9	Cadmium	0.55	B		P
7440-47-3	Chromium	15.4			P
7439-92-1	Lead	53.6		E J	P
7439-97-6	Mercury	0.07			CV
7782-49-2	Selenium	2.3		J	P
7440-22-4	Silver	0.09	U		P

9/11/08 TT

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SS-4(07/22/2008)

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG NO.: MW-10

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 1119954

Level (low/med): LOW Date Received: 07/22/08

% Solids: 91.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.5			P
7440-39-3	Barium	81.1			P
7440-43-9	Cadmium	127			P
7440-47-3	Chromium	23.8			P
7439-92-1	Lead	121		~~E~~ J	P
7439-97-6	Mercury	0.13			CV
7782-49-2	Selenium	1.1	~~E~~	J	P
7440-22-4	Silver	0.08	U		P

9/11/08

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
MMW-8 8'-12'

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG NO.: MW-10

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 1119958

Level (low/med): LOW Date Received: 07/22/08

% Solids: 85.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.26	U		P
7440-39-3	Barium	9.6			P
7440-43-9	Cadmium	0.04	U		P
7440-47-3	Chromium	5.3			P
7439-92-1	Lead	3.5		~~B~~ J	P
7439-97-6	Mercury	0.01	~~B~~		CV
7782-49-2	Selenium	1.2		J	P
7440-22-4	Silver	0.08	U		P

9/11/08 JR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
MMW-9 4'-8'

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG NO.: MW-10

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 1119957

Level (low/med): LOW Date Received: 07/22/08

% Solids: 82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.3			P
7440-39-3	Barium	19.0			P
7440-43-9	Cadmium	0.04	U		P
7440-47-3	Chromium	11.8			P
7439-92-1	Lead	8.1		B J	P
7439-97-6	Mercury	0.02	~~B~~		CV
7782-49-2	Selenium	0.50	U		P
7440-22-4	Silver	0.09	U		P

9/11/08 PM

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MMW-10 4'-5.4'

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG NO.: MW-10

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 1119956

Level (low/med): LOW Date Received: 07/22/08

% Solids: 79.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.29	B		P
7440-39-3	Barium	50.4			P
7440-43-9	Cadmium	0.04	U		P
7440-47-3	Chromium	8.2			P
7439-92-1	Lead	6.6		E J	P
7439-97-6	Mercury	0.03	B		CV
7782-49-2	Selenium	1.3		J	P
7440-22-4	Silver	0.09	U		P

9/11/08 RR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
MMW-01(07/23/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120241

Level (low/med): LOW Date Received: 07/23/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.4	B		P
7440-39-3	Barium	68.8			P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	2.4	B		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.72	U		P

9/15/08 dr

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
MMW-02(07/23/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120242

Level (low/med): LOW Date Received: 07/23/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	38.1			P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	1.1	~~B~~		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.72	U		P

9/15/08 TM

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
MMW-03(07/23/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120243

Level (low/med): LOW Date Received: 07/23/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	107			P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	1.6	B		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.72	U		P

9/15/08

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MMW-04(07/23/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120244

Level (low/med): LOW Date Received: 07/23/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	98.9			P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	1.3	~~B~~U		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.72	U		P

9/15/08 JM

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MMW-05(07/23/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120245

Level (low/med): LOW Date Received: 07/23/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	115			P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	1.1	B		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	5.1	B		P
7440-22-4	Silver	0.72	U		P

9/15/08

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
MMW-06(07/23/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120246

Level (low/med): LOW Date Received: 07/23/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	12.8	~~B~~		P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	2.3	~~B~~		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.72	U		P

9/15/08

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MMW-07(07/24/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120696

Level (low/med): LOW Date Received: 07/24/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	60.5			P
7440-43-9	Cadmium	0.65	B		P
7440-47-3	Chromium	1.3	B		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.72	U		P

9/15/08

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MMW-08(07/24/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120697

Level (low/med): LOW Date Received: 07/24/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	23.8			P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	1.7	U		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.72	U		P

9/15/08

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MMW-09(07/24/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120698

Level (low/med): LOW Date Received: 07/24/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	10 ~~3.2~~	~~B~~	U	P
7440-39-3	Barium	39.5			P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	1.7	~~B~~		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.72	U		P

9/10/08

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
MMW-10(07/24/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120699

Level (low/med): LOW Date Received: 07/24/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	52.8			P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	1.2	B		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	5.1	B		P
7440-22-4	Silver	0.72	U		P

9/15/08

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MP-01(07/24/08)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1120700

Level (low/med): LOW Date Received: 07/24/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	31.8			P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	1.0	~~B~~ U		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	7.6	~~B~~ U		P
7440-22-4	Silver	0.72	U		P

9/15/08 JR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Columbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

RB20080722

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Matrix (soil/water): WATER Lab Sample ID: 1119959

Level (low/med): LOW Date Received: 07/22/08

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	4.8	U		P
7440-43-9	Cadmium	0.35	U		P
7440-47-3	Chromium	0.67	~~B~~ U		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.03	U		CV
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.72	U		P

9/15/08

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

ATTACHMENT B

SUPPORT DOCUMENTATION

CASE NARRATIVE

Company: URS Corporation
Project: PACTIV – Macedon, NY
Submission #: R2845071
(Amended)

Water samples were collected on 7/22/08 - 7/24/08 and received at CAS on the same day as sampling in good conditions at cooler temperatures of 4 - 9 °C. A validation type data package has been provided.

VOLATILE ORGANICS - 8260

Eleven water samples and two Trip Blanks were analyzed for the OLM 4.2 list of Volatile Organics by method 8260B from SW-846. Values detected between the MDL and PQL have been flagged with a "J" as estimated. Library Searches against the NBS/EPA library were conducted on all samples. The 20 largest peaks, within 10 % of the nearest Internal Standard, were searched. A summary of detected peaks is included following the Target data. Any analytes detected are quantitated based on the closest internal standard and are reported flagged with a "J" as estimated. The flag "N" on a TIC compound indicates presumptive evidence of a particular compound.

All Tuning criteria for BFB and Internal Standard Areas were within QC limits.

All the initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within acceptance limits for all samples.

The Blank Spike (LCS) recoveries were all acceptable. The Matrix Spike/Matrix Spike Duplicate Recoveries from sample MMW-06(7/23/08) were all within QC limits. The RPD results were also all with QC limits.

The Method Blanks associated with these samples were free of contamination except a "J" flagged value of Acetone in the lab blank from7/31/08 and 8/01/08. Any Acetone detected in the samples within 5X of this level has been flagged with a "B".

No other analytical or QC problems were encountered.

SEMIVOLATILE ORGANICS – 8270

Twelve water samples were analyzed were analyzed for the OLM 4.2 list of Semivolatile Organics by method 8270C from SW-846. Values detected between the MDL and PQL have been flagged with a "J" as estimated. Library Searches against the NBS/EPA library were conducted on all samples. The 20 largest peaks, within 10 % of the nearest Internal Standard, were searched. A summary of detected peaks is included following the Target data. Any analytes detected are quantitated based on the closest internal standard and are reported flagged with a "J" as estimated. The flag "N" on a TIC compound indicates presumptive evidence of a particular compound.

All Tuning criteria for DFTPP and Internal Standard Areas were within QC limits.

All the initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within acceptance limits for all samples.

The Blank Spike (LCS) recoveries were all acceptable. The Matrix Spike/Matrix Spike Duplicate Recoveries from sample MMW-06(7/23/08) were all within QC limits. The RPD results were all within QC limits.

The Method Blanks associated with these samples were free of contamination.

No analytical or QC problems were encountered.

PCBS – 8082

One water sample was analyzed TCL PCBS by SW-846 method 8082.

All the initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within acceptance limits for all samples.

The Blank Spike (LCS) recoveries were all acceptable.

The Method Blanks associated with these samples were free of contamination.

No analytical or QC problems were encountered.

METALS ANALYSIS

Twelve water samples were analyzed for a the RCRA list of Metals using SW-846 methods 6010C/7471.

All the initial and continuing calibration criteria were met for all analytes.

The Matrix Spike Recoveries from sample MMW-06(7/23/08) were all within QC limits of 75 – 125 %. The RPD results were all with QC limits. The Blank Spike (LCS) recoveries were all acceptable.

The Method Blanks associated with these samples are free of contamination.

No other analytical or QC problems were encountered.

CAS ASP/CLP BATCHING FORM / LOGIN SHEET

SDG#:MMW-01	BATCH COMPLETE: __yes_____	DATE REVISED:
SUBMISSION R2845071	DISKETTE REQUESTED: Y_X__ N____	DATE DUE: 8/14/08
CLIENT: URS Corporation	DATE: 7/29/08	PROTOCOL: SW846
CLIENT REP: Michael Perry	CUSTODY SEAL: PRESENT	SHIPPING No.:
PROJECT: PACTIV - MACEDON, NY	CHAIN OF CUSTODY: PRESENT	

CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE SAMPLED	DATE RECEIVED	pH (SOLIDS)	% SOLIDS	REMARKS AMPLE CONDITION
1119959	RB20080722	WATER	8082,8270,METALS	7/22/2008	7/22/2008			
1120241	MMW-01(07/23/08)	WATER	8260,8270,METALS	7/23/2008	7/23/2008			
1120242	MMW-02(07/23/08)	WATER	8260,8270,METALS	7/23/2008	7/23/2008			
1120243	MMW-03(07/23/08)	WATER	8260,8270,METALS	7/23/2008	7/23/2008			
1120244	MMW-04(07/23/08)	WATER	8260,8270,METALS	7/23/2008	7/23/2008			
1120245	MMW-05(07/23/08)	WATER	8260,8270,METALS	7/23/2008	7/23/2008			
1120246	MMW-06(7/23/08) + QC	WATER	8260,8270,METALS	7/23/2008	7/23/2008			
1120696	MMW-07(07/24/08)	WATER	8260,8270,METALS	7/24/2008	7/24/2008			
1120697	MMW-08(07/24/08)	WATER	8260,8270,METALS	7/24/2008	7/24/2008			
1120698	MMW-09(07/24/08)	WATER	8260,8270,METALS	7/24/2008	7/24/2008			
1120699	MMW-10(07/24/08)	WATER	8260,8270,METALS	7/24/2008	7/24/2008			
1120700	MP-01(07/24/08)	WATER	8260,8270,METALS	7/24/2008	7/24/2008			
1120701	TRIP BLANK(07/24/08)	WATER	8260	7/24/2008	7/24/2008			
1121765	TRIP BLANK(07/23/08)	WATER	8260	7/23/2008	7/23/2008			
			METALS - AS,BA,CD,CR,HG,					
			SE,AG,PB					

9°C R2845062

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11175654.0001

SITE NAME PACTIV MACEDON, NY

SAMPLERS (PRINT/SIGNATURE) KEVIN J. McGOVERN

LAB Columbia

COOLER 1 of 1

PAGE 1 of 2

DELIVERY SERVICE: Client Drop off AIRBILL NO.:

TESTS

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	PCBs via 8082	SVOCs via 8270 c	RCRA Metals 6010B/7470	PCBs/SVOCs 8082/8270C	VOCs via 8260B	RCRA Metals 6010B/7470	PCBs via 8082	SVOCs via 8270C	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (ERPIMS)
							4oz Glass w/ice	4oz Glass Jar w/ice	4oz Glass Jar w/ice	8oz Glass Jar w/ice	2oz Glass Jar w/ice	125g Plastic w/HNO3	1L Amber w/ice	1L Amber w/ice					
SS-1	7/22/08	09:55	Comp	SS-1 (07/22/2008)	SO	3	1	1	1							N	0	0.2	
SS-2		10:27		SS-2 (07/22/2008)		3											0	0.2	
SS-3		10:47		SS-3 (07/22/2008)		3											0	0.2	
SS-4		11:35		SS-4 (07/22/2008)		3											0	0.2	
—		12:10	—	RB20080722	WQ	3						1	1	1		RB	—	—	—
SS-3		10:47	Comp	SS-4 (07/22/2008) MS+MSD	SO	3				3						MS/SD	0	0.2	
~~AAAAA 10~~	~~7/22/08~~	~~10:55~~	~~C~~	~~AAAA 10 SS-4~~	~~S~~	~~3~~													

MATRIX CODES

AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
	7/22/08	16:40		7/22	1640
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS SEND INVOICE, EDD & NYSDEC ASP Cat B data Package TO:
ATTN: JIM LEHNAN
URS CORPORATION
77 GOODELL ST.
BUFFALO, NY 14203
(716) 856-5636

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CofCR/GCM

Cooler Receipt And Preservation Check Form

Project/Client URS Submission Number 122-45062.

Cooler received on 7/22/08 by: HP COURIER: CAS UPS FEDEX VELOCITY ~~CLIENT~~

1.	Were custody seals on outside of cooler?	YES	~~NO~~
2.	Were custody papers properly filled out (ink, signed, etc.)?	~~YES~~	NO
3.	Did all bottles arrive in good condition (unbroken)?	~~YES~~	NO
4.	Did any VOA vials have significant* air bubbles?	YES	NO ~~N/A~~
5.	Were **Ice** or **Ice packs** present?	~~YES~~	NO
6.	Where did the bottles originate?	~~CAS/ROC~~, CLIENT	

7. Temperature of cooler(s) upon receipt:	9°				
Is the temperature within 0° - 6° C?:	Yes	Yes	Yes	Yes	Yes
If No, Explain Below	~~No~~	No	No	No	No

Date/Time Temperatures Taken: 7/22/08 1650

Thermometer ID: 161 / IR GUN#2 / ~~IR GUN#3~~ Reading From: ~~Temp Blank~~ / Sample Bottle

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____

PC Secondary Review: MW 7/22/08

Cooler Breakdown: Date: 7/23/08 by: RG

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	~~YES~~	NO
2.	Did all bottle labels and tags agree with custody papers?	~~YES~~	NO
3.	Were correct containers used for the tests indicated?	~~YES~~	NO

4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated ~~N/A~~

Explain any discrepancies: _____

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3	✓		BDB21685B	5/09				
≤2	H_2SO_4								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*						

*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 052608-1Y, 032372, 029598, 040708-1Y

Other Comments:

PC Secondary Review: _____

*significant air bubbles are greater than 5-6 mm

R2845071

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11175654-00001

SITE NAME Pactiv, MacGoon, NY

SAMPLERS (PRINT/SIGNATURE) Kevin J. McGovern

LAB Columbia

COOLER 1 of 2

PAGE 1 of 1

DELIVERY SERVICE: Client Drop off AIRBILL NO.:

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# OF CONTAINERS	*TESTS: VOCs via 8260 B	SVOCs via 8270C	TAL Metals	TCL Pesticides 608 8/7470	BOTTLE TYPE AND PRESERVATIVE: 40ml vials w/HCl	1L Amber Glass	8oz Plastic w/HNO3	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (URTMS)
MMW-1	7/23/08	15:55	Grab	MMW-01 (07/23/2008)	WG	6	3	2		1					N			
MMW-2		14:50		MMW-02 (07/23/2008)														
MMW-3		13:55		MMW-03 (07/23/2008)														
MMW-4		12:30		MMW-04 (07/23/2008)														
MMW-5		09:30		MMW-05 (07/23/2008)														
MMW-6		10:55		MMW-06 (07/23/2008)														
				MMW-06 (07/23/2008) MS											MS			
				MMW-06 (07/23/2008) MSD											SD			
—	—	—	—	TRIP BLANK	—	3	3								TB			

MATRIX CODES

AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
	7/23/08	17:00			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
			Rachel Jones	7/23/08	1700

SPECIAL INSTRUCTIONS Send Invoice, COD to NYSDEC ASP Cat B Data Package To: Attn: Jim Lehman URS Corporation 77 Goodell St. Buffalo, NY 14203 (716) 856-5636

* Total Metals

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CofCR/GCM

Cooler Receipt And Preservation Check Form

Project/Client URS Submission Number 8284507(.

Cooler received on 7/23/08 by: RG COURIER: CAS UPS FEDEX VELOCITY (CLIENT)

1.	Were custody seals on outside of cooler?			YES	~~NO~~	
2.	Were custody papers properly filled out (ink, signed, etc.)?			(YES)	NO	
3.	Did all bottles arrive in good condition (unbroken)?			(YES)	NO	
4.	Did any VOA vials have significant* air bubbles?			YES	(NO)	N/A
5.	Were ~~Ice~~ or **Ice packs** present?			(YES)	NO	
6.	Where did the bottles originate?			(CAS/ROC), CLIENT		
7.	Temperature of cooler(s) upon receipt:	5°	4°			
	Is the temperature within 0° - 6° C?:	(Yes)	(Yes)	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 7/23/08 @ 1706

Thermometer ID: 161 / IR GUN#2 / ~~IR GUN#3~~ Reading From: (Temp Blank) / Sample Bottle

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____

PC Secondary Review: _____

Cooler Breakdown: Date: 7/24/08 by: AP

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	(YES)	NO
2.	Did all bottle labels and tags agree with custody papers?	(YES)	NO
3.	Were correct containers used for the tests indicated?	(YES)	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		(N/A)

Explain any discrepancies: _____

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3	✓		BDB2605D	0509				
≤2	H_2SO_4								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*	ESOA11	06109				

*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 052608-14, 032372, 8-1116-002,

Other Comments:

PC Secondary Review: _____

*significant air bubbles are greater than 5-6 mm

R2845071

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11175654.00001

SITE NAME PACTIV, MACEDON, NY

SAMPLERS (PRINT/SIGNATURE) KEVIN McGOVERN /

DELIVERY SERVICE: DROP-OFF AIRBILL NO.: _____

LAB COLUMBIA

COOLER 1 of 2

PAGE 1 of 1

TESTS: VOCs 8260B; SVOCs 8270C; RCRA METALS 6010B/7420*

BOTTLE TYPE AND PRESERVATIVE: 40mL VIAL/HCl; 1L AMBER GLASS/none; 8 oz PLASTIC/HNO3

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	40mL VIAL/HCl	1L AMBER GLASS/none	8 oz PLASTIC/HNO3	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (ERPIMS)
MMW-9	7/24/08	1330	G	MMW-09(07/24/2008)	WG	6	3	2	1		N_1	—	—	
MMW-10	7/24/08	1430	G	MMW-10(07/24/2008)	WG	6	3	2	1		N_1	—	—	
MMW-8	7/24/08	1545	G	MMW-08(07/24/2008)	WG	6	3	2	1		N_1	—	—	
MMW-7	7/24/08	1115	G	MMW-07(07/24/2008)	WG	6	3	2	1		N_1	—	—	
MP-1	7/24/08	1240	G	MP-01(07/24/2008)	WG	6	3	2	1		N_1	—	—	
TRIP BLANK	7/24/08	—	—	TRIP BLANK(7/24/08)	—	3	3				TB_1	—	—	

MATRIX CODES: AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES: TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
	7/24/08	16:49		7/24/08	1649
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS SEND INVOICE, EDD + NYSDEC ASP CAT B DATA PACKAGE TO:
ATTN: JIM LEHNEN
URS CORPORATION
77 GOODELL ST
BUFFALO, NY 14203
(716) 856-5636

* = TOTAL METALS RCRA

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CofCR/GCM

0552

Cooler Receipt And Preservation Check Form

Project/Client URS Submission Number RA-45071.

Cooler received on 7/24/08 by: UNC COURIER: CAS UPS FEDEX VELOCITY (CLIENT)

1.	Were custody seals on outside of cooler?	YES	(NO)			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did any VOA vials have significant* air bubbles?	YES	(NO)	N/A		
5.	Were **Ice** or **Ice packs** present?	(YES)	NO			
6.	Where did the bottles originate?	(CAS/ROC,	CLIENT			
7.	Temperature of cooler(s) upon receipt:	5°C	6°C			
	Is the temperature within 0° - 6° C?:	(Yes)	(Yes)	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 7/24/08 1700

Thermometer ID: 161 / IR GUN#2 / (IR GUN#3) Reading From: (Temp Blank) / Sample Bottle

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____

PC Secondary Review: MKP 7/24/08

Cooler Breakdown: Date: 7/24/08 by: R

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	(YES)	NO
2.	Did all bottle labels and tags agree with custody papers?	(YES)	NO
3.	Were correct containers used for the tests indicated?	(YES)	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		(N/A)

Explain any discrepancies: _____

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3	✓		BDB26858	5/09				
≤2	H_2SO_4								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*						

*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 8-116-003, 062608-1Y, 032372

Other Comments:

PC Secondary Review: _____

*significant air bubbles are greater than 5-6 mm

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MBLK1

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Lab File ID: V5956.D Lab Sample ID: 1123903 1.0

Date Analyzed: 07/31/08 Time Analyzed: 10:49

GC Column: DB-624 ID: 0.2 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS1	1123904 1.0	V5954.D	09:38
02	MMW-01	1120241 1.0	V5964.D	15:43
03	MMW-02	1120242 1.0	V5965.D	16:20
04	MMW-03	1120243 1.0	V5966.D	16:56
05	MMW-04	1120244 1.0	V5967.D	17:32

COMMENTS

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B 360 BASELINE
Reported: 08/21/08

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1123898 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 165256

DATE ANALYZED : 07/31/08
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	1.9 J	UG/L
ACRYLONITRILE	100	100 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMOCHLOROMETHANE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
TRANS-1,4-DICHLORO-2-BUTENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMOETHANE	5.0	5.0 U	UG/L
DIBROMOMETHANE	5.0	5.0 U	UG/L
1,4-DICHLOROBENZENE	5.0	5.0 U	UG/L
1,2-DICHLOROBENZENE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
IODOMETHANE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE(MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
1,1,1,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
TRICHLOROFLUOROMETHANE	5.0	5.0 U	UG/L
1,2,3-TRICHLOROPROPANE	5.0	5.0 U	UG/L
VINYL ACETATE	10	10 U	UG/L

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MBLK2

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Lab File ID: V5986.D Lab Sample ID: 1123939 1.0

Date Analyzed: 08/01/08 Time Analyzed: 11:41

GC Column: DB-624 ID: 0.2 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA3

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS2	1123940 1.0	V5984.D	10:30
02	MMW-05	1120245 1.0	V5987.D	12:17
03	MMW-07	1120696 1.0	V5989.D	13:30
04	MMW-08	1120697 1.0	V5990.D	14:05
05	MMW-10	1120699 1.0	V5992.D	15:18
06	MP-01	1120700 1.0	V5993.D	15:54
07	TB072408	1120701 1.0 TB	V5994.D	16:30
08	TB072308	1121765 1.0 TB	V5995.D	17:06
09	MMW-06	1120246 1.0	V5999.D	19:30
10	MMW-06MS	1123943 1.0 MS	V6000.D	20:06
11	MMW-06MSD	1123944 1.0 MSD	V6001.D	20:42

COMMENTS

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1123939 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 165262

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/01/08			
ANALYTICAL DILUTION: 1.00			
ACETONE	10	1.3 J	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	1.0	1.0 U	UG/L
BROMOFORM	1.0	1.0 U	UG/L
BROMOMETHANE	2.0	2.0 U	UG/L
2-BUTANONE (MEK)	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	1.0 U	UG/L
CARBON DISULFIDE	1.0	1.0 U	UG/L
CARBON TETRACHLORIDE	1.0	1.0 U	UG/L
CHLOROBENZENE	1.0	1.0 U	UG/L
CHLOROETHANE	2.0	2.0 U	UG/L
CHLOROFORM	1.0	1.0 U	UG/L
CHLOROMETHANE	2.0	2.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	2.0	2.0 U	UG/L
CYCLOHEXANE	1.0	1.0 U	UG/L
DIBROMOCHLOROMETHANE	1.0	1.0 U	UG/L
1,2-DIBROMOETHANE	1.0	1.0 U	UG/L
1,3-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,4-DICHLOROBENZENE	1.0	1.0 U	UG/L
1,2-DICHLOROBENZENE	1.0	1.0 U	UG/L
DICHLORODIFLUOROMETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHANE	1.0	1.0 U	UG/L
1,2-DICHLOROETHANE	1.0	1.0 U	UG/L
1,1-DICHLOROETHENE	1.0	1.0 U	UG/L
CIS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	1.0	1.0 U	UG/L
1,2-DICHLOROPROPANE	1.0	1.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	1.0	1.0 U	UG/L
ETHYLBENZENE	1.0	1.0 U	UG/L
2-HEXANONE	5.0	5.0 U	UG/L
ISOPROPYLBENZENE	1.0	1.0 U	UG/L
METHYL ACETATE	10	10 U	UG/L
METHYLCYCLOHEXANE	1.0	1.0 U	UG/L
METHYLENE CHLORIDE	1.0	1.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	5.0	5.0 U	UG/L
STYRENE	1.0	1.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	1.0	1.0 U	UG/L
TETRACHLOROETHENE	1.0	1.0 U	UG/L
TOLUENE	1.0	1.0 U	UG/L
1,2,4-TRICHLOROBENZENE	1.0	1.0 U	UG/L
1,1,1-TRICHLOROETHANE	1.0	1.0 U	UG/L
1,1,2-TRICHLOROETHANE	1.0	1.0 U	UG/L
TRICHLOROETHENE	1.0	1.0 U	UG/L
TRICHLOROFLUOROMETHANE	1.0	1.0 U	UG/L

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45071 SAS No.: _____ SDG No.: MMW-01

Lab File ID: V6032.D BFB Injection Date: 08/05/08

Instrument ID: MSVOA3 BFB Injection Time: 11:43

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 60.0% of mass 95	47.0
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	76.6
175	5.0 - 9.0% of mass 174	5.7 (7.5)1
176	95.0 - 101.0% of mass 174	75.6 (98.6)1
177	5.0 - 9.0% of mass 176	5.6 (7.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD3	CCV	V6033.D	08/05/08	12:16
02	LCS3	1123990 1.0	V6034.D	08/05/08	12:52
03	MBLK3	1123989 1.0	V6036.D	08/05/08	14:04
04	MMW-09	1120698 1.0	V6039.D	08/05/08	15:53

Evaluate Continuing Calibration Report

Data File : J:\ACQUDATA\MSVOA3\DATA\080508\V6033.D
Acq On : 5 Aug 108 12:16 pm
Sample : CCV
Misc :

Vial: 1
Operator: D.ZIMPFER
Inst : MS #3
Multiplr: 1.00

Method : J:\ACQUDATA\MSVOA3\METHODS\WAT0414.M
Title : 8260voa
Last Update : Thu May 08 13:00:37 2008
Response via : Multiple Level Calibration

D2815

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		Pentafluorobenzene	1.000	1.000	0.0	126	0.02
2		Dichlorodifluoromethane	0.536	0.443	17.5	102	0.00
3	p	Chloromethane	1.010	0.946	6.4	118	0.00
4	c	Vinyl Chloride	0.841	0.805	4.3	117	0.00
5		Bromomethane	0.462	0.341	26.2#	100	0.00
6		Chloroethane	0.528	0.533	-1.0	129	0.00
7		FREON 21	1.430	1.437	-0.5	142	0.01
8		Trichlorofluoromethane	0.814	0.633	22.3	95	0.01
9		Diethyl Ether	0.648	0.642	1.1	122	0.01
10		FREON 123A	0.820	0.801	2.3	132	0.01
11		Acrolein	0.172	0.138	19.9	98	0.00
12		FREON 113	0.224	0.184	17.8	98	0.02
13		FREON 123	0.827	0.850	-2.8	133	0.01
14	c	1,1-Diclethene	0.515	0.462	10.3	108	0.02
15		Acetone	0.322	0.262	18.5	97	0.00
16		Iodomethane	0.220	0.209	5.0	101	0.02
17		Carbon Disulfide	2.360	2.476	-4.9	144	0.02
18		2-PROPANOL	0.070	0.063	9.7	105	0.00
19		Allyl Chloride	0.357	0.348	2.3	126	0.02
20		Methyl Acetate	1.242	0.947	23.7	102	0.01
21		Methylene Chloride	0.730	0.679	7.0	122	0.02
22		TBA	0.095	0.087	8.8	102	0.00
23		Acrylonitrile	0.357	0.356	0.2	121	0.02
24		Methyl-t-Butyl Ether	2.131	1.932	9.3	113	0.01
25		trans-1,2-Dichloroethene	0.596	0.559	6.3	113	0.01
26	p	1,1-Diclethane	1.337	1.219	8.9	113	0.02
27		Vinyl Acetate	1.627	1.964	-20.7	176	0.02
28		2-Chloro-1,3-butadiene	1.164	1.004	13.7	111	0.02
29		2,2-Dichloropropane	0.965	0.756	21.7	97	0.02
30		2-Butanone	0.603	0.523	13.2	111	0.01
31		cis-1,2-Dichloroethene	0.665	0.650	2.2	121	0.02
32		Propionitrile	0.128	0.122	4.7	114	0.01
33		Methacrylonitrile	0.343	0.322	6.2	117	0.02
34		Bromochloromethane	0.342	0.327	4.5	121	0.02
35	c	Chloroform	1.144	0.957	16.4	103	0.02
36		Tetrahydrofuran	0.359	0.312	13.0	114	0.01
37		1,1,1-Trichloroethane	0.829	0.644	22.3	93	0.02
38	I	1,4 - Difluorobenzene	1.000	1.000	0.0	130	0.02
39	s	surr4,Dibrflmethane	0.352	0.328	6.9	122	0.02
40		cyclohexane	0.836	0.770	7.9	130	0.02
41		Carbontetrachloride	0.403	0.302	25.0#	92	0.02

(#) = Out of Range

00300

Evaluate Continuing Calibration Report

Data File : J:\ACQUDATA\MSVOA3\DATA\080508\V6033.D
Acq On : 5 Aug 108 12:16 pm
Sample : CCV
Misc :

Vial: 1
Operator: D.ZIMPFER
Inst : MS #3
Multiplr: 1.00

Method : J:\ACQUDATA\MSVOA3\METHODS\WAT0414.M
Title : 8260voa
Last Update : Thu May 08 13:00:37 2008
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42		1,1-Dichloropropene	0.578	0.462	20.1	104	0.02
43		Iso-Butyl Alcohol	0.035	0.029	16.7 ~~16.9~~	~~106~~ (D2)	0.01
44		Benzene	1.533	1.396	8.9	115	0.02
45	S	surr1,1,2-Diclethane	0.470	0.381	18.9	103	0.01
46		1,2-Dichloroethane	0.609	0.483	20.8	100	0.02
47		N-Heptane	0.498	0.397	20.2	105	0.02
48		Trichloroethene	0.359	0.295	17.9	102	0.02
49		methylcycloh	0.525	0.459	12.5	124	0.02
50	c	1,2-Diclpropane	0.466	0.441	5.4	125	0.02
51		Methyl Methacrylate	0.376	0.329	12.5	115	0.02
52		1,4-Dioxane	0.004	0.004	4.2	107	0.02
53		Dibromomethane	0.248	0.233	5.9	115	0.02
54		Bromodichloromethane	0.495	0.447	9.7	112	0.02
55		2-Nitropropane	0.000	0.000	0.0	0#	0.17
56		2-Chloroethylvinyl Ether	0.210	0.276 ~~0.26~~	-31.9#	~~132~~ (D2)	0.02
57		cis-1,3-Dichloropropene	0.693	0.658	5.1	119	0.02
58	I	d5 - Chlorobenzene	1.000	1.000	0.0	136	0.02
59		4-Methyl-2-Pentanone	0.849	0.687	19.1	112	0.02
60	c	Toluene	1.596	1.365	14.5	116	0.02
61		trans-1,3-Dichloropropene	0.720	0.642	10.8	117	0.02
62		Ethyl Methacrylate	0.748	0.683	8.7	119	0.02
63		1,1,2-Trichloroethane	0.360	0.321	10.6	126	0.02
64	s	surr3,Toluene-d8	1.293	1.256	2.9	127	0.02
65	s	surr2,bfb	0.486	0.465	4.3	127	0.03
66		Tetrachloroethene	0.344	0.289 25.6	~~16.0~~	~~102~~ (D2)	0.02 (A) #2 ✓
67		2-Hexanone	0.575	0.473	17.6	106	0.02
68		1,3-Diclpropane	0.780	0.719	7.8	124	0.03
69		Dibromochloromethane	0.386	0.366	5.2	116	0.03
70		1,2-Dibromoethane	0.378	0.358	5.3	117	0.03
71	p	Chlorobenzene	0.954	0.846	11.3	117	0.02
72		1,1,1,2-Tetrachloroethane	0.347	0.314	9.7	117	0.02
73	c	Ethylbenzene	1.695	1.425	16.0	111	0.02
74		(m+p)Xylene	0.581	0.527	9.3	118	0.02
75		o-Xylene	0.570	0.510	10.5	121	0.04
76		Styrene	0.994	0.914	8.1	121	0.03
77	p	Bromoform	0.236	0.229 16.0	~~3.3~~	~~115~~ (D2)	0.03
78		Isopropylbenzene	1.334	1.128	15.4	111	0.03
79		Cyclohexanone	0.104	0.073	-30.2#	85	0.02
80	I	d4 - Dichlorobenzene	1.000	1.000	0.0	130	0.02
81	p	1,1,2,2-Tetrachloroethane	1.161	1.105	4.8	122	0.03

(#) = Out of Range

00301

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845071 SAS No.: _____ SDG No.: MMW-01

Lab File ID: BT330.D DFTPP Injection Date: 7/31/08

Instrument ID: 5973-B DFTPP Injection Time: 12:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	36.1
68	Less than 2.0% of mass 69	0.8 (1.5)1
69	Mass 69 Relative abundance	52.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	45.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	28.4
365	Greater than 1.0% of mass 198	4.9
441	Present, but less than mass 443	13.6
442	40.0 - 100.0% of mass 198	95.2
443	17.0 - 23.0% of mass 442	19.3 (20.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD180	CALIBRATION CHECK	BT331.D	7/31/08	13:49
02	SBLK2	1123310 1.0	BT333.D	7/31/08	15:55
03	SBLK2MS	1123311 1.0	BT334.D	7/31/08	16:37
04	SBLK2MSD	1123312 1.0	BT335.D	7/31/08	17:19
05	SBLK1	1121328 1.0	BT340.D	7/31/08	20:50
06	SBLK1MS	1121329 1.0	BT341.D	7/31/08	21:32
07	SBLK1MSD	1121330 1.0	BT342.D	7/31/08	22:13
08	RB20080722	1119959 0.95	BT343.D	7/31/08	22:55

Evaluate Continuing Calibration Report

Data File : J:\ACQUDATA\5973A\DATA\073108\BT331.D
Acq On : 31 Jul 2008 1:49 pm
Sample : CALIBRATION CHECK
Misc : 80 ppm std 8270/625
MS Integration Params: RTEINT.P

Vial: 1
Operator: Z.Miao
Inst : 5973-A
Multiplr: 1.00

LR: #40,152

Method : J:\ACQUDATA\5973A\METHODS\82700730.M (RTE Integrator)
Title : 8270 BNA ANALYSIS
Last Update : Thu Jul 31 07:43:35 2008
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	d4-1,4-Dichlorobenzene	1.000	1.000	0.0	153	0.00
2	T	Pyridine	1.801	1.722	4.4	147	0.00
3	T	N-Nitrosodimethylamine	1.026	0.969	5.6	146	0.00
4	S	SURR1,2-FLUOROPHENOL	1.271	1.226	3.5	147	0.00
5	T	Benzaldehyde	0.646	0.480	25.7#	102	0.00
6	T	Aniline	2.786	2.584	7.3	143	0.00
7	S	SURR2,PHENOL-D6	2.128	2.010	5.5	143	0.00
8	TMC	Phenol	2.401	2.230	7.1	145	0.00
9	T	bis(2-Clethyl)Ether	1.829	1.682	8.0	146	0.00
10	TM	2-Chlorophenol	1.334	1.281	4.0	149	0.00
11	T	1,3-Diclbenzene	1.565	1.473	5.9	145	0.00
12	TMC	1,4-Dichlorobenzene	1.594	1.501	5.8	148	0.00
13	T	1,2-Diclbenzene	1.530	1.441	5.8	147	0.00
14	T	Benzyl Alcohol	1.895	1.837	3.1	145	0.00
15	T	2,2'-oxybis(1-Chloropropane	1.543	1.399	9.3	141	0.00
16	T	2-Methylphenol	1.492	1.344	9.9	139	0.00
17	T	Acetophenone	2.494	2.299	7.8	139	0.00
18	TMP	N-Nitroso-Di-n-propylamine	1.723	1.593	7.5	143	0.00
19	T	Hexachloroethane	0.829	0.798	3.7	146	0.00
20	T	4-Methylphenol	1.652	1.547	6.4	142	0.00
21	T	1-Methyl-2-pyrrolidinone	1.212	1.112	8.3	140	0.00
22	IR	d8-Naphthalene	1.000	1.000	0.0	145	0.00
23	S	SURR4,NITROBENZENE-D5	0.625	0.605	3.2	141	0.00
24	T	Nitrobenzene	0.607	0.593	2.3	139	0.00
25	T	Isophorone	1.076	1.045	2.9	142	0.00
26	TC	2-Nitrophenol	0.193	0.200	-3.6	152	0.00
27	T	Benzoic Acid	0.323	0.272	15.8	125	0.00
28	T	2,4-Dimethylphenol	0.480	0.471	1.9	141	0.00
29	T	bis(-2-Chloroethoxy)Methane	0.575	0.568	1.2	144	0.00
30	TC	2,4-Dichlorophenol	0.299	0.294	1.7	142	0.00
31	TM	1,2,4-Trichlorobenzene	0.370	0.368	0.5	148	0.00
32	T	Naphthalene	1.014	0.994	2.0	142	0.00
33	T	4-Chloroaniline	0.419	0.401	4.3	135	0.00
34	TC	Hexachlorobutadiene	0.241	0.243	-0.8	146	0.00
35	TMC	4-Chloro-3-methylphenol	0.432	0.425	1.6	143	0.00
36	T	Caprolactam	0.144	0.134	6.9	137	0.00
37	T	2-Methylnaphthalene	0.723	0.719	0.6	143	0.00
38	T	1-Methylnaphthalene	0.692	0.685	1.0	143	0.00
39	IR	d10-Acenaphthene	1.000	1.000	0.0	149	0.00

9/10/08

(#) = Out of Range

00508

Columbia Analytical Services

METALS

-14-

ANALYSIS RUN LOG

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG No.: MMW-01

Instrument ID Number: Optima ICP 3 Method: P

Start Date: 7/31/2008 End Date: 8/1/2008

9/10/08

Sample No.	D/F	Time	% R	Analytes																												
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN					
PBW	1.00	22:31				X	X		X		X				X						X	X										
LCSW	1.00	22:36				X	X		X		X				X						X	X										
RB20080722	1.00	22:42				X	X		X		X				X						X	X										
MMW-01(07/23/08)	1.00	22:48				X	X		X		X				X						X	X										
MMW-02(07/23/08)	1.00	22:54				X	X		X		X				X						X	X										
MMW-03(07/23/08)	1.00	22:59				X	X		X		X				X						X	X										
MMW-04(07/23/08)	1.00	23:05				X	X		X		X				X						X	X										
MMW-05(07/23/08)	1.00	23:11				X	X		X		X				X						X	X										
MMW-06(07/23/08)	1.00	23:17				X	X		X		X				X						X	X										
MMW-06(07/23/08)D	1.00	23:22				X	X		X		X				X						X	X										
CCV4	1.00	23:28				X	X		X		X				X						X	X										
CCB4	1.00	23:34				X	X		X		X				X						X	X										
MMW-06(07/23/08)S	1.00	23:40				X	X		X		X				X						X	X										
MMW-06(07/23/08)A	1.00	23:46				X	X		X		X				X						X	X										
MMW-06(07/23/08)L	5.00	23:51				X	X		X		X				X						X	X										
MMW-07(07/24/08)	1.00	23:57				X	X		X		X				X						X	X										
MMW-08(07/24/08)	1.00	00:03				X	X		X		X				X						X	X										
MMW-09(07/24/08)	1.00	00:09				X	X		X		X				X						X	X										
MMW-10(07/24/08)	1.00	00:14				X	X		X		X				X						X	X										
MP-01(07/24/08)	1.00	00:20				X	X		X		X				X						X	X										
ZZZZZZ	1.00	00:26																														
ZZZZZZ	5.00	00:32																														
CCV5	1.00	00:38				X	X		X		X				X						X	X										
CCB5	1.00	00:43				X	X		X		X				X						X	X										
ZZZZZZ	1.00	00:49																														
ZZZZZZ	1.00	00:55																														
ZZZZZZ	1.00	01:01																														
ZZZZZZ	1.00	01:07																														
ZZZZZZ	1.00	01:12																														
CCV6	1.00	01:18				X	X		X		X				X						X	X										
CCB6	1.00	01:24				X	X		X		X				X						X	X										
CRDL3	1.00	01:30				X	X		X		X				X						X	X										

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

METALS

-3-

BLANKS

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			2.2	U	2.7	B	2.2	U			P
Barium			4.8	U	4.8	U	4.8	U			P
Cadmium			0.4	U	0.4	U	0.4	U			P
Chromium			0.5	U	0.5	U	0.5	U			P
Lead			1.2	U	1.2	U	1.2	U			P
Mercury			0.03	U	0.03	U					CV
Selenium			4.3	U	4.3	U	4.3	U			P
Silver			0.7	U	0.7	U	0.7	U			P

8/31/98
00:43

METALS

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: R2845071

Lab Code: Case No.: SAS No.: SDG NO.: MMW-01

ICP ID Number: Optima ICP 3 Date: 05/15/08

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Arsenic	188.979		10.0	2.2	P
Barium	233.53		20.0	4.8	P
Cadmium	226.50		5.0	0.4	P
Chromium	267.72		10.0	0.5	P
Lead	220.35		5.0	1.2	P
Selenium	196.03		10.0	4.3	P
Silver	328.07		10.0	0.7	P

Comments

CASE NARRATIVE

Company: URS Corporation
Project: PACTIV – Macedon, NY
Submission #: R2845062
(Amended)

Soil samples were collected on 7/22/08 and received at CAS on 7/22/08 in good conditions at a cooler temperature of 9 °C. A validation type data package has been provided.

Note: Sample MMW-10 8.5'-9' listed on the COC was cancelled by the client.

VOLATILE ORGANICS - 8260

Three soil samples were analyzed for the OLM 4.2 list of Volatile Organics by method 8260B from SW-846. Values detected between the MDL and PQL have been flagged with a "J" as estimated. Library Searches against the NBS/EPA library were conducted on all samples. The 20 largest peaks, within 10 % of the nearest Internal Standard, were searched. A summary of detected peaks is included following the Target data. Any analytes detected are quantitated based on the closest internal standard and are reported flagged with a "J" as estimated. The flag "N" on a TIC compound indicates presumptive evidence of a particular compound.

All Tuning criteria for BFB and Internal Standard Areas were within QC limits.

All the initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within acceptance limits for all samples.

The Blank Spike (LCS) recoveries were all acceptable. The Matrix Spike/Matrix Spike Duplicate Recoveries from sample MMW-9 4'-8' were all within QC limits except the recovery for Dichlorodifluoromethane 132 % was just above the QC limits. The recovery was flagged with an "*". No data was affected. The RPD results were also all with QC limits.

The Method Blanks associated with these samples were free of contamination except a "J" flagged value of Acetone (2.40 ug/l). The Acetone detected in sample MMW-9 4'-8' has been flagged with a "B".

No other analytical or QC problems were encountered.

SEMIVOLATILE ORGANICS – 8270

Seven soil samples were analyzed were analyzed for the OLM 4.2 list of Semivolatile Organics by method 8270C from SW-846. Values detected between the MDL and PQL have been flagged with a "J" as estimated. Library Searches against the NBS/EPA library were conducted on all samples. The 20 largest peaks, within 10 % of the nearest Internal Standard, were searched. A summary of detected peaks is included following the Target data. Any analytes detected are quantitated based on the closest internal standard and are reported flagged with a "J" as estimated. The flag "N" on a TIC compound indicates presumptive evidence of a particular compound.

Note: Sample SS-4 was analyzed at dilution due to the black, viscous, almost solid like sample matrix of the original extract. The sample was analyzed at a 1/100 dilution then re-analyzed at a 1/10 dilution since no target analytes were seen. A lesse dilution cannot be drawn up into the syringe.

All Tuning criteria for DFTPP and Internal Standard Areas were within QC limits.

All the initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within acceptance limits for all samples.

The Blank Spike (LCS) recoveries were all acceptable. The Matrix Spike/Matrix Spike Duplicate Recoveries from samples SS-3(07/22/2008) and MMW-9 4'-8' were all within QC limits except 2, 4-Dinitrotoulene and 4-Nitrophenol on the MSD for sample MW-9 4'-8' were slightly elevated, The recoveries were flagged with an "*". No data was affected. The RPD results were all with QC limits.

The Method Blanks associated with these samples were free of contamination.

No analytical or QC problems were encountered.

PCBS – 8082

Four soil samples were analyzed TCL PCBS by SW-846 method 8082.

All the initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within acceptance limits for all samples.

The Blank Spike (LCS) recoveries were all acceptable. The Matrix Spike/Matrix Spike Duplicate Recoveries from sample SS-3(07/22/2008) were all within QC limits. The RPD results were also all with QC limits.

The Method Blanks associated with these samples were free of contamination.

No analytical or QC problems were encountered.

METALS ANALYSIS

Seven soil samples were analyzed for a the RCRA list of Metals using SW-846 methods 6010C/7471.

All the initial and continuing calibration criteria were met for all analytes.

The Matrix Spike Recoveries from sample SS-3(07/22/2008) and sample MMW-9 4'-8' (Mercury only) were all within QC limits of 75 – 125 %. The RPD results were all with QC limits. The Blank Spike (LCS) recoveries were all acceptable.

The Method Blanks associated with these samples are free of contamination.

No other analytical or QC problems were encountered.

CAS ASP/CLP BATCHING FORM / LOGIN SHEET

SDG#:MW-10	BATCH COMPLETE: __yes_____	DATE REVISED:
SUBMISSION R2845062	DISKETTE REQUESTED: Y_X__ N____	DATE DUE: 8/12/08
CLIENT: URS Corporation	DATE: 7/29/08	PROTOCOL: SW846
CLIENT REP: Michael Perry	CUSTODY SEAL: PRESENT	SHIPPING No.:
PROJECT: PACTIV - MACEDON, NY	CHAIN OF CUSTODY: PRESENT	

CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE SAMPLED	DATE RECEIVED	pH (SOLIDS)	% SOLIDS	REMARKS SAMPLE CONDITION
1119951	SS-1(07/22/2008)	SOIL	8270,8082,METALS	7/22/2008	7/22/2008			
1119952	SS-2(07/22/2008)	SOIL	8270,8082,METALS	7/22/2008	7/22/2008			
1119953	SS-3(07/22/2008) + QC	SOIL	8270,8082,METALS	7/22/2008	7/22/2008			
1119954	SS-4(07/22/2008)	SOIL	8270,8082,METALS	7/22/2008	7/22/2008			
1119956	MMW-10 4'-5.4'	SOIL	8260,8270,METALS	7/22/2008	7/22/2008			
1119957	MMW-9 4'-8' + QC	SOIL	8260,8270,METALS	7/22/2008	7/22/2008			
1119958	MMW-8 8'-12'	SOIL	8260,8270,METALS	7/22/2008	7/22/2008			

9°C R2845062

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11175654.0001

SITE NAME PACTIV MACEDON, NY

SAMPLERS (PRINT/SIGNATURE) KEVIN T. McGOVERN

DELIVERY SERVICE: CLIENT Drop off AIRBILL NO.:

LAB COLUMBIA

COOLER 1 of 1

PAGE 1 of 2

TESTS

RCRA METALS 6010B/7470

BOTTLE TYPE AND PRESERVATIVE

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	PCBs via 8082	SVOCs via 8270C	RCRA Metals 6010B/7470	PCBs/SVOCs 8082/8270C	VOCs via 8260B	RCRA Metals 6010B/7470	PCBs via 8082	SVOCs via 8270C	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (ERPIMS)
							4oz Glass w/ICE	4oz Glass Tan w/ICE	4oz Glass Tan w/ICE	8oz Glass Tan w/ICE	2oz Glass Tan w/ICE	10oz Plastic w/HNO3	1L Amber w/ICE	1L Amber w/ICE					
SS-1	7/22/08	09:55	COMP	SS-1 (07/22/2008)	SO	3	1	1	1							N1	0	0.2	
SS-2		10:27		SS-2 (07/22/2008)		3											0	0.2	
SS-3		10:47		SS-3 (07/22/2008)		3											0	0.2	
SS-4		11:35		SS-4 (07/22/2008)		3											0	0.2	
—		12:10	—	RB20080722	WQ	3						1	1	1		RB	—	—	—
SS-3		10:47	COMP	SS-4 (07/22/2008) MS+MSD	SO	3				3						MS/SD	0	0.2	
				MS+MSD															
~~MW-10~~	~~7/22/08~~	~~10:55~~	~~G~~	~~MW-10 X~~	~~SO~~														

MATRIX CODES						
	AA - AMBIENT AIR	SL - SLUDGE	WG - GROUND WATER	WL - LEACHATE	WO - OCEAN WATER	LH - HAZARDOUS LIQUID WASTE
	SE - SEDIMENT	WP - DRINKING WATER	SO - SOIL	GS - SOIL GAS	WS - SURFACE WATER	LF - FLOATING/FREE PRODUCT ON GW TABLE
	SH - HAZARDOUS SOLID WASTE	WW - WASTE WATER	DC - DRILL CUTTINGS	WC - DRILLING WATER	WQ - WATER FIELD QC	

SAMPLE TYPE CODES				
	TB# - TRIP BLANK	RB# - RINSE BLANK	N# - NORMAL ENVIRONMENTAL SAMPLE	(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)
	SD# - MATRIX SPIKE DUPLICATE	FR# - FIELD REPLICATE	MS# - MATRIX SPIKE	

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
	7/22/08	16:40		7/22	1604
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS SEND INVOICE, EDD & NYSDEC ASP Cat B DATA PACKAGE TO:
ATTN: JIM LEHNAN
URS CORPORATION
77 GOODELL ST.
BUFFALO, NY 14203
(716) 856-5636

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CofCR/GCM

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11175654.00001

SITE NAME PACTIV - MACEDON, NY

SAMPLERS (PRINT/SIGNATURE) ROB PINZER /

LAB COLUMBIA

COOLER 1 of 1

PAGE 2 of 2

DELIVERY SERVICE: DROP-OFF AIRBILL NO.:

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	TESTS: VOC's (8260 B)	SVOC's (8270 C)	RCRA METALS (6010B/7470)	TCLP METALS	RCRA METALS	SVOC's	SVOC's	BOTTLE TYPE AND PRESERVATIVE: 2oz GLASS/none	4oz GLASS/none	4 oz GLASS/ none	8 oz GLASS/ none	2 oz GLASS/ none	8 oz GLASS/ none	2 oz GLASS/ none	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (ERPIMS)
MMW-10	7/22/08	1053	G	MMW-10 8.5'-9'	So	1								1								N	8.5	9	
MMW-10	7/22/08	1034	G	MMW-10 4'-5.4'	So	3								1	1	1						N	4	5.4	
MMW-9		1315	G	MMW-9 4'-8'	So	1								1								N	4	8	
MMW-9		1315	G	MMW-9 4'-8' MS	So	1								1								MS	4	8	
MMW-9		1315	G	MMW-9 4'-8' + MS/MSD	So	1												1				MS SD	4	8	
MMW-9		1315	G	MMW-9 4'-8' + MS/MSD	So	1											1					MS SD	4	8	
MMW-8		1447	G	MMW-8 8'-12'	So	3								1				1		1		N	8	12	

MATRIX CODES
AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES
TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE
(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
	7/22/08	1640		7/22/08	1640
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS
ANY QUESTIONS? CONTACT,
JIM LEHNER
URS CORP.
77 GOODELL ST.
BUFFALO, NY 14203
(716) 856-5636
SEE PG 1

Distribution: Original accompanies shipment, copy to coordinator field files

Cooler Receipt And Preservation Check Form

Project/Client URS Submission Number RA-45062.

Cooler received on 7/22/08 by: HP COURIER: CAS UPS FEDEX VELOCITY ~~CLIENT~~

1.	Were custody seals on outside of cooler?	YES	~~NO~~
2.	Were custody papers properly filled out (ink, signed, etc.)?	~~YES~~	NO
3.	Did all bottles arrive in good condition (unbroken)?	~~YES~~	NO
4.	Did any VOA vials have significant* air bubbles?	YES	NO ~~N/A~~
5.	Were **Ice** or **Ice packs** present?	~~YES~~	NO
6.	Where did the bottles originate?	~~CAS/ROC~~,	CLIENT

7. Temperature of cooler(s) upon receipt:	9°				
Is the temperature within 0° - 6° C?:	Yes	Yes	Yes	Yes	Yes
If No, Explain Below	~~No~~	No	No	No	No

Date/Time Temperatures Taken: 7/22/08 1650

Thermometer ID: 161 / IR GUN#2 / ~~IR GUN#3~~ Reading From: ~~Temp Blank~~ / Sample Bottle

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____

PC Secondary Review: MM 7/22/08

Cooler Breakdown: Date: 7/23/08 by: RG

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	~~YES~~	NO
2.	Did all bottle labels and tags agree with custody papers?	~~YES~~	NO
3.	Were correct containers used for the tests indicated?	~~YES~~	NO

4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated ~~N/A~~

Explain any discrepancies: _____

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3	✓		BDB2685B	5/09				
≤2	H_2SO_4								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*						

*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 052608-1Y, 032372, 029598, 040708-1Y

Other Comments:

PC Secondary Review: _____

*significant air bubbles are greater than 5-6 mm

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

METBLK1

Lab Name: CASROCH Contract: URS

Lab Code: 10145 Case No.: R8-45062 SAS No.: _____ SDG No.: MW-10

Lab File ID: K8548.D Lab Sample ID: 1121112 1.0

Date Analyzed: 07/24/08 Time Analyzed: 12:38

GC Column: DB624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS#5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS1	1121113 1.0	K8547.D	11:56
02	MMW-9 4-8	1119957 1.0	K8551.D	14:37
03	MMW-10 4-5.4	1119956 1.0	K8552.D	15:14
04	MMW-8 8-12	1119958 1.0	K8553.D	15:51
05	MMW-9 4-8 MS	1121114 1.0	K8554.D	16:28
06	MMW-9 4-8 MSD	1121115 1.0	K8555.D	17:05

COMMENTS

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B
Reported: 08/21/08

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1121112 **Sample Matrix:** SOIL/SEDIMENT
Date Received: **Submission #:** **Percent Solid:** 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/24/08			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	2.4 J	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	10	10 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/KG
CYCLOHEXANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.0 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.0 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.0 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.0 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
ISOPROPYLBENZENE	5.0	5.0 U	UG/KG
METHYL ACETATE	10	10 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.0 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
TRICHLOROFLUOROMETHANE	5.0	5.0 U	UG/KG

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845062 SAS No.: _____ SDG No.: MW-10

Lab File ID: CY548.D DFTPP Injection Date: 8/6/08

Instrument ID: 5973-B DFTPP Injection Time: 11:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 Relative abundance	75.0
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	43.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 30.0% of mass 198	29.5
365	Greater than 1.0% of mass 198	6.5
441	Present, but less than mass 443	11.4
442	40.0 - 100.0% of mass 198	65.6
443	17.0 - 23.0% of mass 442	13.6 (20.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD280	CALIBRATION CHECK	CY549.D	8/6/08	11:33
02	SS-4(07/22/08)	1119954 10	CY550.D	8/6/08	12:27
03	MMW-9 4'-8'MSD	1123733 1.0	CY551.D	8/6/08	13:10
04	MMW-8 8'-12'	1119958 1.0	CY552.D	8/6/08	13:52

Evaluate Continuing Calibration Report

Data File : J:\ACQUDATA\5973B\DATA\080608\CY549.D Vial: 1
Acq On : 6 Aug 2008 11:33 am Operator: Z.Miao
Sample : CALIBRATION CHECK Inst : 5973-B
Misc : 80 PPM STD 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : J:\ACQUDATA\5973B\METHODS\82700728.M (RTE Integrator)
Title : 8270 BNA ANALYSIS
Last Update : Tue Aug 05 13:52:14 2008
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	TP	Hexachlorocyclopentadiene	0.467	0.359	23.1#	56	0.01
41	TC	2,4,6-Trichlorophenol	0.355	0.366	3.1	77	0.01
42	T	2,4,5-Trichlorophenol	0.369	0.388	-5.1	78	0.01
43	S	SURR5,2-FLUOROBIPHENYL	1.142	1.107	3.1	73	0.02
44	T	1,1'-Biphenyl	1.134	1.099	3.1	74	0.01
45	T	2-Chloronaphthalene	0.913	0.902	1.2	75	0.01
46	T	2-Nitroaniline	0.474	0.477	-0.6	78	0.01
47	T	Acenaphthylene	1.374	1.356	1.3	74	0.01
48	T	Dimethyl phthalate	1.078	1.119	-3.8	78	0.01
49	T	2,6-Dinitrotoluene	0.251	0.258	-2.8	79	0.01
50	TMC	Acenaphthene	0.876	0.877	-0.1	76	0.01
51	T	3-Nitroaniline	0.226	0.231	-2.2	77	0.01
52	TP	2,4-Dinitrophenol	0.109	0.158	-45.0#	126	0.01
53	T	Dibenzofuran	1.428	1.442	-1.0	77	0.00
54	TM	2,4-Dinitrotoluene	0.341	0.358	-5.0	79	0.02
55	TMP	4-Nitrophenol	0.298	0.324	-8.7	83	0.01
56	T	Fluorene	1.153	1.162	-0.8	78	0.00
57	T	4-Chlorophenyl-phenylether	0.715	0.739	-3.4	80	0.01
58	T	Diethylphthalate	1.161	1.193	-2.8	77	0.01
59	T	4-Nitroaniline	0.227	0.240	-5.7	78	0.01
60	S	SURR3,2,4,6-TRIBROMOPHENOL	0.215	0.233	-8.4	80	0.01
61	IR	d10-Phenanthrene	1.000	1.000	0.0	80	0.01
62	T	1-Phenyl-1(4-methylphenyl)e	0.000	0.000#	0.0	0#	-10.54#
63	T	4,6-Dinitro-2-methylphenol	0.092	0.107	-16.3	100	0.01
64	T	1,2 Diphenylhydrazine	0.866	0.840	3.0	78	0.01
65	TC	N-Nitrosodiphenylamine	0.355	0.342	3.7	80	0.01
66	T	4-Bromophenyl-phenylether	0.198	0.199	-0.5	81	0.01
67	T	1-Phenyl-1(2,4-dimethylphen	0.000	0.000#	0.0	83	0.00
68	T	Hexachlorobenzene	0.225	0.228	-1.3	82	0.01
69	T	Atrazine	0.089	0.079	11.2	71	0.01
70	TCM	Pentachlorophenol	0.110	0.121	-10.0	93	0.02
71	T	Phenanthrene	0.775	0.776	-0.1	81	0.01
72	T	Anthracene	0.801	0.805	-0.5	80	0.00
73	T	Carbazole	0.707	0.738	-4.4	83	0.00
74	T	Di-n-butylphthalate	0.918	0.982	-7.0	85	0.01
75	TC	Fluoranthene	0.995	1.054	-5.9	85	0.01
76	IR	d12-Chrysene	1.000	1.000	0.0	85	0.00
77	T	Benzidine	0.326	0.211	NT 35.3#	53	0.00
78	TM	Pyrene	0.864	0.862	0.2	86	0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : J:\ACQUDATA\5973B\DATA\080608\CY549.D Vial: 1
Acq On : 6 Aug 2008 11:33 am Operator: Z.Miao
Sample : CALIBRATION CHECK Inst : 5973-B
Misc : 80 PPM STD 8270/625 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : J:\ACQUDATA\5973B\METHODS\82700728.M (RTE Integrator)
Title : 8270 BNA ANALYSIS
Last Update : Tue Aug 05 13:52:14 2008
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
40	TP	Hexachlorocyclopentadiene	80.000	61.483	23.1#	56	0.01
41	TC	2,4,6-Trichlorophenol	80.000	82.471	-3.1	77	0.01
42	T	2,4,5-Trichlorophenol	80.000	84.133	-5.2	78	0.01
43	S	SURR5,2-FLUOROBIPHENYL	80.000	77.554	3.1	73	0.02
44	T	1,1'-Biphenyl	80.000	77.539	3.1	74	0.01
45	T	2-Chloronaphthalene	80.000	79.001	1.2	75	0.01
46	T	2-Nitroaniline	80.000	80.474	-0.6	78	0.01
47	T	Acenaphthylene	80.000	78.898	1.4	74	0.01
48	T	Dimethyl phthalate	80.000	83.089	-3.9	78	0.01
49	T	2,6-Dinitrotoluene	80.000	82.248	-2.8	79	0.01
50	TMC	Acenaphthene	80.000	80.058	-0.1	76	0.01
51	T	3-Nitroaniline	80.000	82.004	-2.5	77	0.01
52	TP	2,4-Dinitrophenol	80.000	105.892	-32.4#	126	0.01
53	T	Dibenzofuran	80.000	80.745	-0.9	77	0.00
54	TM	2,4-Dinitrotoluene	80.000	83.908	-4.9	79	0.02
55	TMP	4-Nitrophenol	80.000	86.927	-8.7	83	0.01
56	T	Fluorene	80.000	80.585	-0.7	78	0.00
57	T	4-Chlorophenyl-phenylether	80.000	82.665	-3.3	80	0.01
58	T	Diethylphthalate	80.000	82.202	-2.8	77	0.01
59	T	4-Nitroaniline	80.000	84.548	-5.7	78	0.01
60	S	SURR3,2,4,6-TRIBROMOPHENOL	80.000	86.665	-8.3	80	0.01
61	IR	d10-Phenanthrene	40.000	40.000	0.0	80	0.01
62	T	1-Phenyl-1(4-methylphenyl)e	-1.000	0.000	0.0	0	-10.54#
63	T	4,6-Dinitro-2-methylphenol	80.000	93.371	-16.7	100	0.01
64	T	1,2 Diphenylhydrazine	80.000	77.534	3.1	78	0.01
65	TC	N-Nitrosodiphenylamine	80.000	77.181	3.5	80	0.01
66	T	4-Bromophenyl-phenylether	80.000	80.360	-0.4	81	0.01
67	T	1-Phenyl-1(2,4-dimethylphen	-1.000	0.000	0.0	83	0.00
68	T	Hexachlorobenzene	80.000	81.036	-1.3	82	0.01
69	T	Atrazine	80.000	71.554	10.6	71	0.01
70	TCM	Pentachlorophenol	80.000	88.054	-10.1	93	0.02
71	T	Phenanthrene	80.000	80.075	-0.1	81	0.01
72	T	Anthracene	80.000	80.386	-0.5	80	0.00
73	T	Carbazole	80.000	83.455	-4.3	83	0.00
74	T	Di-n-butylphthalate	80.000	85.543	-6.9	85	0.01
75	TC	Fluoranthene	80.000	84.770	-6.0	85	0.01
76	IR	d12-Chrysene	40.000	40.000	0.0	85	0.00
77	T	Benzidine	80.000	51.741	35.3#	53	0.00
78	TM	Pyrene	80.000	79.799	0.3	86	0.01

(#) = Out of Range

00401

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK1

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845062 SAS No.: SDG No.: MW-10

Lab File ID: CY533.D Lab Sample ID: 1123729 1.0

Instrument ID: 5973-B Date Extracted: 7/25/08

Matrix: (soil/water) SOIL Date Analyzed: 8/5/08

Level: (low/med) LOW Time Analyzed: 15:06

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1MS	1123730 1.0	CY534.D	8/5/08
02	SBLK1MSD	1123731 1.0	CY535.D	8/5/08
03	SS-1(07/22/08)	1119951 1.0	CY539.D	8/5/08
04	SS-2(07/22/08)	1119952 1.0	CY540.D	8/5/08
05	SS-3(07/22/08)	1119953 1.0	CY541.D	8/5/08
06	SS-3(07/22/08)MS	1123727 1.0	CY542.D	8/5/08
07	SS-3(07/22/08)MSD	1123728 1.0	CY543.D	8/5/08
08	MMW-10 4'-5.4'	1119956 1.0	CY545.D	8/5/08
09	MMW-9 4'-8'	1119957 1.0	CY546.D	8/5/08
10	MMW-9 4'-8'MS	1123732 1.0	CY547.D	8/6/08
11	SS-4(07/22/08)	1119954 10	CY550.D	8/6/08
12	MMW-9 4'-8'MSD	1123733 1.0	CY551.D	8/6/08
13	MMW-8 8'-12'	1119958 1.0	CY552.D	8/6/08

COMMENTS:

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: URS

Lab Code: 10145 Case No.: R845062 SAS No.: SDG No.: MW-10

Matrix: (soil/water) SOIL Lab Sample ID: 1123729 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: CY533.D

Level: (low/med) LOW Date Received:

% Moisture: 0 decanted: (Y/N) N Date Extracted: 7/25/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/5/08

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	2.70	220	J

426A

METALS

-14-

ANALYSIS RUN LOG

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG No.: MW-10

Instrument ID Number: Optima ICP 3 Method: P

Start Date: 8/4/2008 End Date: 8/4/2008

Sample No.	D/F	Time	% R	Analytes																												
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN					
Calib Blank 1	1.00	10:10				X	X		X		X				X						X	X										
Calib Std 1	1.00	10:16				X	X		X						X																	
Calib Std 2	1.00	10:21									X										X	X										
Calib Std 3	1.00	10:27				X	X		X		X				X						X	X										
Calib Std 4	1.00	10:33				X	X		X		X				X						X	X										
ICV1 ✓	1.00	10:38				X	X		X		X				X						X	X										
ICB1 ✓	1.00	10:43				X	X		X		X				X						X	X										
CRDL1 ✓	1.00	10:49				X	X		X		X				X						X	X										
ICSA1 ✓	1.00	10:55				X	X		X		X				X						X	X										
ICS-AB1 ✓	1.00	11:01				X	X		X		X				X						X	X										
CCV1 ✓	1.00	11:05				X	X		X		X				X						X	X										
CCB1 ✓	1.00	11:11				X	X		X		X				X						X	X										
ZZZZZZ	1.00	11:16																														
ZZZZZZ	1.00	11:22																														
ZZZZZZ	1.00	11:28																														
ZZZZZZ	1.00	11:34																														
ZZZZZZ	1.00	11:39																														
ZZZZZZ	1.00	11:45																														
ZZZZZZ	5.00	11:51																														
ZZZZZZ	1.00	11:57																														
ZZZZZZ	1.00	12:03																														
ZZZZZZ	1.00	12:09																														
ZZZZZZ	1.00	12:14																														
ZZZZZZ	1.00	12:20																														
ZZZZZZ	1.00	12:26																														
ZZZZZZ	1.00	12:32																														
ZZZZZZ	1.00	12:37																														
ZZZZZZ	1.00	12:43																														
ZZZZZZ	1.00	12:49																														
ZZZZZZ	1.00	12:55																														
ZZZZZZ	1.00	13:01																														
ZZZZZZ	1.00	13:06																														

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Columbia Analytical Services

METALS

-14-

ANALYSIS RUN LOG

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG No.: MW-10

Instrument ID Number: Optima ICP 3 Method: P

Start Date: 8/4/2008 End Date: 8/4/2008

Sample No.	D/F	Time	% R	Analytes
				ALSBASBAEDACARCOUFEPBMGMNGNIKSEAGANALVNCN
ZZZZZZ	1.00	13:12		
ZZZZZZ	1.00	13:18		
ZZZZZZ	1.00	13:24		
ZZZZZZ	1.00	13:29		
ZZZZZZ	1.00	13:35		
ZZZZZZ	1.00	13:41		
ZZZZZZ	1.00	13:47		
ZZZZZZ	1.00	13:52		
ZZZZZZ	1.00	13:58		
ZZZZZZ	1.00	14:04		
ZZZZZZ	1.00	14:10		
ZZZZZZ	1.00	14:15		
ZZZZZZ	1.00	14:21		
ZZZZZZ	1.00	14:27		
ZZZZZZ	1.00	14:31		
ZZZZZZ	1.00	14:36		
ZZZZZZ	1.00	14:40		
ZZZZZZ	1.00	14:46		
ZZZZZZ	1.00	14:52		
ZZZZZZ	1.00	14:58		
ZZZZZZ	1.00	15:03		
ZZZZZZ	1.00	15:09		
ZZZZZZ	1.00	15:15		
ZZZZZZ	1.00	15:21		
ZZZZZZ	1.00	15:27		
ZZZZZZ	1.00	15:32		
ZZZZZZ	1.00	15:38		
ZZZZZZ	1.00	15:44		
ZZZZZZ	1.00	15:50		
ZZZZZZ	1.00	15:56		
ZZZZZZ	1.00	16:01		
ZZZZZZ	1.00	16:07		

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

METALS

-14-

ANALYSIS RUN LOG

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG No.: MW-10

Instrument ID Number: Optima ICP 3 Method: P

Start Date: 8/4/2008 End Date: 8/4/2008

Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	5.00	16:13																												
ZZZZZZ	1.00	16:19																												
ZZZZZZ	1.00	16:25																												
ZZZZZZ	1.00	16:31																												
ZZZZZZ	1.00	16:37																												
ZZZZZZ	1.00	16:43																												
ZZZZZZ	1.00	16:49																												
ZZZZZZ	1.00	16:55																												
ZZZZZZ	1.00	17:01																												
ZZZZZZ	1.00	17:07																												
ZZZZZZ	1.00	17:12																												
ZZZZZZ	1.00	17:18																												
ZZZZZZ	1.00	17:24																												
ZZZZZZ	1.00	17:30																												
ZZZZZZ	1.00	17:35																												
CCV2 ✓	1.00	17:41				X	X		X		X				X							X	X							
CCB2 ✓	1.00	17:47				X	X		X		X				X							X	X							
CRDL2 ✓	1.00	17:53				X	X		X		X				X							X	X							
ICSA2 ✓	1.00	17:58				X	X		X		X				X							X	X							
ICS-AB2 ✓	1.00	18:04				X	X		X		X				X							X	X							
CCV3 ✓	1.00	18:09				X	X		X		X				X							X	X							
CCB3 ✓	1.00	18:15				X	X		X		X				X							X	X							
PBS	1.00	18:20				X	X		X		X				X							X	X							
LCSS	3.00	18:26				X	X		X		X				X							X	X							
ZZZZZZ	1.00	18:32																												
ZZZZZZ	1.00	18:38																												
SS-1(07/22/2008) ✓	1.00	18:42				X	X		X		X				X							X	X							
SS-2(07/22/2008) ✓	1.00	18:48				X	X		X		X				X								X							
SS-3(07/22/2008)	1.00	18:54				X	X		X		X				X							X	X							
SS-3(07/22/2008)D	1.00	19:00				X	X		X		X				X							X	X							
SS-3(07/22/2008)S	1.00	19:06				X	X		X		X				X							X	X							
SS-3(07/22/2008)A	1.00	19:11				X	X		X		X				X							X	X							

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

METALS

-14-

ANALYSIS RUN LOG

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG No.: MW-10

Instrument ID Number: Optima ICP 3 Method: P

Start Date: 8/4/2008 End Date: 8/4/2008

Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV4 ✓	1.00	19:17				X	X		X		X				X						X	X					
CCB4 ✓	1.00	19:23				X	X		X		X				X						X	X					
SS-3(07/22/2008)L	5.00	19:29				X	X		X		X				X						X	X					
SS-4(07/22/2008)	1.00	19:35				X	X		X		X				X						X	X					
MMW-10 4'-5.4' ✓	1.00	19:41				X	X		X		X				X						X	X					
MMW-9 4'-8'	1.00	19:46				X	X		X		X				X							X					
MMW-8 8'-12' ✓	1.00	19:52				X	X		X		X				X						X	X					
ZZZZZZ	1.00	19:58																									
ZZZZZZ	1.00	20:04																									
ZZZZZZ	1.00	20:10																									
ZZZZZZ	1.00	20:15																									
ZZZZZZ	1.00	20:21																									
CCV5 ✓	1.00	20:27				X	X		X		X				X						X	X					
CCB5 ✓	1.00	20:33				X	X		X		X				X						X	X					
ZZZZZZ	1.00	20:39																									
ZZZZZZ	1.00	20:44																									
ZZZZZZ	1.00	20:50																									
ZZZZZZ	1.00	20:56																									
ZZZZZZ	1.00	21:02																									
CCV6 ✓	1.00	21:07				X	X		X		X				X						X	X					
CCB6 ✓	1.00	21:13				X	X		X		X				X						X	X					
CRDL3 ✓ (Set)	1.00	21:19				X	X		X		X				X						X	X					
ICSA3 ✓	1.00	21:26				X	X		X		X				X						X	X					
ICS-AB3 ✓	1.00	21:32				X	X		X		X				X						X	X					
CCV7 ✓	1.00	21:38				X	X		X		X				X						X	X					
CCB7 ✓	1.00	21:44				X	X		X		X				X						X	X					

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

METALS
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG No.: MW-10

AA CRDL Standard Source:

ICP CRDL Standard Source: CPI

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				20.0			22.54	112.7
Barium				200.0			221.70	110.8
Cadmium				10.0			10.48	104.8
Chromium				10.0			10.81	108.1
Lead				10.0			11.55	115.5
Mercury	0.2	0.21	105.0					
Selenium				10.0			14.05	140.5
Silver				10.0			10.47	104.7

9/11/08 m

METALS

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG NO.: MW-10

ICP ID Number: Optima ICP 3 Date: 05/15/08

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Arsenic	188.979		10.0	2.2	P
Barium	233.53		20.0	4.8	P
Cadmium	226.50		5.0	0.4	P
Chromium	267.72		10.0	0.5	P
Lead	220.35		5.0	1.2	P
Selenium	196.03		10.0	4.3	P
Silver	328.07		10.0	0.7	P

Comments

METALS
-9-
ICP SERIAL DILUTIONS

SAMPLE NO.

SS-3(07/22/2008)L

Contract: R2845062

Lab Code: Case No.: SAS No.: SDG NO.: MW-10

Matrix (soil/water): SOIL/SEDI Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	37.77		39.77	B	5.2		P
Barium	549.47		585.78		6.6		P
Cadmium	4.18	B	4.26	B	1.7		P
Chromium	117.53		125.38		6.7		P
Lead	407.63		453.55		11.3	E	P
Selenium	17.59		27.54	B	56.6	OK	P
Silver	0.72	U	3.61	U			P

9/11/08

00737