Appendix	Lab	Lab ID	Sample Date	Description	CAM Form Included	Lab Presumptive Certainty?	QC Performance Standards Met	CAM COMPLIANCE	ESM QAQC doc	Result?
D	GWA	84427	06/01/05	Soil - Test Pits/PT spl	Yes	NO	No	CAM Non-Compliant	Completed	Data Not Compromised - Tank 1 data not utilized other than identification of tank contents.
D	GWA	85632	07/13/05	Soil - Wells	Yes	Yes	No	CAM-Compliant	Completed	Data Not Compromised
D	GWA	87113	08/30/05	Soil Grid Locations/TCLP	Yes	Yes	No	CAM-Compliant	Completed	Data Not Compromised
D	GWA	87813	08/31/05	Soil Grid Locations	Yes	Yes	Yes	CAM-Compliant	Completed	Data Not Compromised
D	GWA	96205	06/21/06	Asbestos	No	No	N/A	NON-CAM	Completed	Data Not Compromised
Е	RC	10061	03/23/06	Packer Testing	Yes	Yes	No	CAM-Compliant	Completed	Data Not Compromised
Е	RC	10068	03/23/06	Packer Testing	Yes	Yes	Yes	CAM-Compliant	Completed	Data Not Compromised
Е	RC	10070	03/24/06	Packer Testing	Yes	Yes	Yes	CAM-Compliant	Completed	Data Not Compromised
Е	RC	10079	03/27/06	Packer Testing	Yes	Yes	No	CAM-Compliant	Completed	Data Not Compromised
Е	RC	10088	03/28/06	Packer Testing	Yes	Yes	Yes	CAM-Compliant	Completed	Data Not Compromised
Е	RC	10094	03/29/06	Packer Testing	Yes	Yes	Yes	CAM-Compliant	Completed	Data Not Compromised
Е	RC	10103	03/30/06	Packer Testing	Yes	Yes	No	CAM-Compliant	Completed	Data Not Compromised
Е	RC	10105	03/31/06	Packer Testing	Yes	Yes	Yes	CAM-Compliant	Completed	Data Not Compromised
Е	RC	10154	04/06/06	GW - wells	Yes	Yes	No	CAM-Compliant	Completed	Data Not Compromised
Е	RC	10170	04/10/06	GW - PZ-1 - PZ-3	Yes	Yes	No	CAM-Compliant	Completed	Data Not Compromised
Е	RC	10171	04/10/06	GW - wells	Yes	Yes	No	CAM-Compliant	Completed	Data Not Compromised
Е	RC	11371	11/15/06	PZ-4 - PZ-7	Yes	Yes	No	CAM-Compliant	Completed	Data Not Compromised
F	RC	10426	05/30/06	SW / Sed	Yes	Yes	No	CAM-Compliant	Completed	Data Not Compromised
G	ALPHA	L0604251	03/29/06	Soil Gas	No	No	N/A	NON-CAM	Completed	Data Not Compromised

ES&M LAB RESULTS QUALITY REVIEW

Site:	DND Lewis Chemical						
Lab:	Resource Laboratories, LLC	Lab ID:	10426				
Job #:	2006-056	Sample Collection Date:	5/30/2006				
Were sa	ampling and analytical methods requir	ements met?					
Correct	containers used?	Yes					
Preserva	tion requirements met?	No*					
Holding	time requirements met?	Yes					
_	* Samples 10426-02, 08, &13 did not meet the 1:1						
Correct :	# of dupes, matrix spikes and matrix spike ι N/A	upes, trip blanks (based on numbe	er of samples)?				
Field Di	ıp(s) vs. Environmental Sample:	RPD <51%?					
	**RPD Calc: 100*(diff btwn sample & dup)/(ave	rage of sample & dup)					
Were th	ne following analytical precision and a	ccuracy requirements met?					
Detectio	n Limits	Yes					
Reportin	ıg Limits	Yes					
Action I	imits	Yes					
Review	lab QC reports and project narrative.						
	Lab Data Certification indicates that probelow:	esumptive certainty has been r	net. The project narrative explained all non-conformances, see				
Describ	e Non-Conformances						
	1. VOC: Dichlorodifluoromethane, TBA, a problematic in the method.	nd 1,4 Dioxane did not meet accep	tance criteria in the aqueous LCS. These compounds are know to be				
	2. Mecury: Although the MS was not requested for this project, sample 10426-06 was analyzed as a matrix spike for laboratory QC. The MS recovery was 34%, matrix interference is suspected.						
	3. VOC: The following compounds were quantifies with quadratic fit: Vinyl Chloride, Acetone, Bromoform, Isopropylbenzene, n-Propylbenzene, 1,3,5-Trimethylbenzene, Tert-Butylbenzene, 1,2,4-Trimethylbenzene, sec-Butylbenzene, 1,3-Dichlorobenzene, 4-Isopropyltoluene, 1,4-Dichlorobenzene, n-Butylbenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene, and 1,2,3-Trichlorobenzene.						
	4. Dilutions performed during the analysis	are noted on the result pages.					
Observ	ations?						
	All notes were reviewed and do not in	dicate compromised data.					

Laboratory Report

Joe Callahan PO Number: None Environmental Strategies & Management LabID: 10426
184 West Main Street Date Received: 5/31/06
Norton, MA 02766

Project: DND Lewis Chemical

Attached please find results for the analysis of the samples received on the date referenced above.

This is a reissue of report 10061, including the associated batch QC, case narrative and MCP Report Certification Form.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Resource Laboratories, LLC Quality Assurance Plan. The Standard Operating Procedures (SOP) are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Resource Laboratories, LLC maintains certification with the agencies listed below.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,		
Resource Laboratories, LLC		
Aus in Pylan		2-2-07
Susan Sylvester		Date
Principal, General Manager		
	Total number of pages	

Resource Laboratories, LLC Certifications

New Hampshire 1732 Maine NH903 Massachusetts M-NH902

Lab Number:10426-01Sample Designation:SW01Date Sampled:5/30/06Date Analyzed:6/1/06Matrix:WaterInstrument Dilution Factor:1Analyst:LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Lir	mit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	U	2	trans-1,3-dichloropropene	U	2
chloromethane	U	2	2-hexanone	U	10
vinyl chloride	U	2	1,1,2-trichloroethane	U	2
bromomethane	U	2	1,3-dichloropropane	U	2
chloroethane	U	2	tetrachloroethene	U	2
trichlorofluoromethane	U	2	dibromochloromethane	U	2
diethyl ether	U	10	1,2-dibromoethane	U	2
acetone	U	10	chlorobenzene	U	2
1,1-dichloroethene	U	1	1,1,1,2-tetrachloroethane	U	2
methylene chloride	U	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	U	2	styrene	U	2
isopropyl ether (DIPE)	U	2	bromoform	U	2
ethyl t-butyl ether (ETBE)	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanol (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	U	10	n-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	U	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	U	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	tert-butylbenzene	U	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	2
1,1-dichloropropene	U	2	sec-butylbenzene	U	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	U	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	U	2	1,2-dichlorobenzene	U	2
trichloroethene	U	2	n-butylbenzene	U	2
1,2-dichloropropane	U	2	1,2-dibromo-3-chloropropane	U	2
bromodichloromethane	U	2	1,2,4-trichlorobenzene	U	2
dibromomethane	U	2	hexachlorobutadiene	U	2
4-methyl-2-pentanone (MIBK)	U	10	naphthalene	U	5
cis-1,3-dichloropropene	υ	2	1,2,3-trichlorobenzene	U	2
toluene	U	2	1,4-dioxane	U	50
SURROGATE STANDARDS	Recovery	Acceptano	ce Limits		
	(%)	(%)			
dibromofluoromethane	101	78-114			
toluene-D8	100	88-110			

U = Below quantitation limit

98

86-115

Lab Number: 10426-02 Sample Designation: S-01 Date Sampled: 5/30/06 Date Prepared: 6/1/06 Date Analyzed: 6/1/06 Matrix: Solid

Samples received in methanol at a ratio of 1.3 mL MeOH/g soil.

Instrument Dilution Factor: Analyst: LMM Percent Solids: 46.8%

VOLATILE ORGANICS SW 846 Method 5035A/8260B

	Concentration	Quantitation Lim	nit	Concentration	Quantitation Limit
	ug/g dry wt	ug/g dry wt		ug/g dry wt	ug/g dry wt
dichlorodifluoromethane	U	0.4	trans-1,3-dichloropropene	U	0.4
chloromethane	U	0.4	2-hexanone	U	2
vinyl chloride	U	0.4	1,1,2-trichloroethane	U	0.4
bromomethane	U	1	1,3-dichloropropane	U	0.4
chloroethane	U	0.4	tetrachloroethene	U	0.4
trichlorofluoromethane	U	0.4	dibromochloromethane	U	0.4
diethyl ether	U	2	1,2-dibromoethane	U	0.4
acetone	U	10	chlorobenzene	U	0.4
1,1-dichloroethene	U	0.4	1,1,1,2-tetrachloroethane	U	0.4
methylene chloride	U	1	ethylbenzene	U	0.4
carbon disulfide	U	0.4	m&p-xylenes	U	0.4
methyl t-butyl ether (MTBE)	U	0.4	o-xylene	U	0.4
trans-1,2-dichloroethene	U	0.4	styrene	U	0.4
isopropyl ether (DIPE)	U	0.4	bromoform	U	0.4
ethyl t-butyl ether (ETBE)	U	0.4	isopropylbenzene	U	0.4
1,1-dichloroethane	U	0.4	1,1,2,2-tetrachloroethane	U	0.4
t-butanol (TBA)	Ŭ	10	1,2,3-trichloropropane	U	0.4
2-butanone (MEK)	U	2	n-propylbenzene	U	0.4
2,2-dichloropropane	U	0.4	bromobenzene	U	0.4
cis-1,2-dichloroethene	U	0.4	1,3,5-trimethylbenzene	U	0.4
chloroform	U	0.4	2-chlorotoluene	U	0.4
bromochloromethane	U	0.4	4-chlorotoluene	U	0.4
tetrahydrofuran (THF)	U	2	tert-butylbenzene	U	0.4
1,1,1-trichloroethane	U	0.4	1,2,4-trimethylbenzene	U	0.4
1,1-dichloropropene	U	0.4	sec-butylbenzene	U	0.4
t-amyl-methyl ether (TAME)	U	0.4	1,3-dichlorobenzene	U	0.4
carbon tetrachloride	U	0.4	4-isopropyltoluene	U	0.4
1,2-dichloroethane	U	0.4	1,4-dichlorobenzene	U	0.4
benzene	U	0.4	1,2-dichlorobenzene	U	0.4
trichloroethene	Ú	0.4	n-butylbenzene	υ	0.4
1,2-dichloropropane	U	0.4	1,2-dibromo-3-chloropropand	e U	0.4
bromodichloromethane	U	0.4	1,2,4-trichlorobenzene	U	0.4
dibromomethane	Ü	0,4	hexachlorobutadiene	U	0.4
4-methyl-2-pentanone (MIBK)	Ü	2	naphthalene	U	1
cis-1,3-dichloropropene	Ū	0.4	1,2,3-trichlorobenzene	U	0.4
toluene	U	0.4	1,4-dioxane	U	10
SURROGATE STANDARDS	Recovery	Acceptance Limit	ts		
	(%)	(%)			
dibromofluoromethane	96	78-114			

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
dibromofluoromethane	96	78-114
toluene-D8	98	88-110
4-bromofluorobenzene	101	86-115

Lab Number: 10426-03 Sample Designation: SW-09 Date Sampled: 5/30/06 Date Analyzed: 6/1/06 Matrix: Water Instrument Dilution Factor: 1 Analyst: LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Lin	nit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	U	2	trans-1,3-dichloropropene	U	2
chloromethane	U	2	2-hexanone	U	10
vinyl chloride	U	2	1,1,2-trichloroethane	U	2
bromomethane	U	2	1,3-dichloropropane	U	2
chloroethane	U	2	tetrachloroethene	U	2
trichlorofluoromethane	U	2	dibromochloromethane	U	2
diethyl ether	U	10	1,2-dibromoethane	U	2
acetone	U	10	chlorobenzene	U	2
1,1-dichloroethene	U	1	1,1,1,2-tetrachloroethane	U	2
methylene chloride	U	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	Ŭ	2	styrene	U	2
isopropyl ether (DIPE)	U	2	bromoform	U	2
ethyl t-butyl ether (ETBE)	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanol (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	U	10	n-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	Ú	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	υ	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	υ	10	tert-butylbenzene	Ú	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	2
1,1-dichloropropene	U	2	sec-butylbenzene	U	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	U	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	Ū	2	1,2-dichlorobenzene	Ü	2
trichloroethene	Ū	2	n-butylbenzene	Ü	2
1,2-dichloropropane	Ū	2	1,2-dibromo-3-chloropropane	Ü	2
bromodichloromethane	Ū	2	1,2,4-trichlorobenzene	Ū	2
dibromomethane	Ü	2	hexachlorobutadiene	Ū	2
4-methyl-2-pentanone (MIBK)	Ü	10	naphthalene	Ū	5
cls-1,3-dichloropropene	Ū	2	1,2,3-trichlorobenzene	Ū	2
toluene	Ū	2	1,4-dioxane	Ü	50
SURROGATE STANDARDS	Recovery (%)	Acceptano (%)	e Limits		
dibromofluoromethane	(%) 96	(70) 78-114			
dipromonuoromemane	90	70-114			

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
dibromofluoromethane	96	78-114
toluene-D8	96	88-110
4-bromofluorobenzene	97	86-115

Lab Number:10426-04Sample Designation:S-09Date Sampled:5/30/06Date Prepared:6/1/06Date Analyzed:6/1/06Matrix:Solid

Matrix: Solid Samples received in methanol within a 1:1 ratio +/- 25% mL MeOH/g soil Instrument Dilution Factor: 1

Analyst: LMM Percent Solids: 45.7%

VOLATILE ORGANICS SW 846 Method 5035A/8260B

	Concentration	Quantitation Lim	it	Concentration	Quantitation Limit
	ug/g dry wt	ug/g dry wt		ug/g dry wt	ug/g dry wt
dichlorodifluoromethane	U	0.4	trans-1,3-dichloropropene	U	0.4
chloromethane	U	0.4	2-hexanone	U	2
vinyl chloride	U	0.4	1,1,2-trichloroethane	U	0.4
bromomethane	U	0.9	1,3-dichloropropane	U	0.4
chloroethane	U	0.4	tetrachloroethene	U	0.4
trichlorofluoromethane	U	0.4	dibromochloromethane	U	0.4
diethyl ether	U	2	1,2-dibromoethane	U	0.4
acetone	U	9	chiorobenzene	U	0.4
1,1-dichloroethene	U	0.4	1,1,1,2-tetrachloroethane	U	0.4
methylene chloride	U	0.9	ethylbenzene	U	0.4
carbon disulfide	U	0.4	m&p-xylenes	U	0.4
methyl t-butyl ether (MTBE)	U	0.4	o-xylene	U	0.4
trans-1,2-dichloroethene	U	0.4	styrene	U	0.4
isopropyl ether (DIPE)	U	0.4	bromoform	U	0.4
ethyl t-butyl ether (ETBE)	U	0.4	isopropylbenzene	U	0.4
1,1-dichloroethane	U	0.4	1,1,2,2-tetrachloroethane	U	0.4
t-butanol (TBA)	U	9	1,2,3-trichioropropane	U	0.4
2-butanone (MEK)	U	2	n-propylbenzene	U	0.4
2,2-dichloropropane	U	0.4	bromobenzene	U	0.4
cis-1,2-dichloroethene	U	0.4	1,3,5-trimethylbenzene	U	0.4
chloroform	U	0.4	2-chlorotoluene	U	0.4
bromochloromethane	U	0.4	4-chlorotoluene	U	0.4
tetrahydrofuran (THF)	U	2	tert-butylbenzene	U	0.4
1,1,1-trichloroethane	U	0.4	1,2,4-trimethylbenzene	U	0.4
1,1-dichloropropene	· U	0.4	sec-butylbenzene	U	0.4
t-amyl-methyl ether (TAME)	U	0.4	1,3-dichlorobenzene	U	0.4
carbon tetrachloride	U	0.4	4-isopropyltoluene	U	0.4
1,2-dichloroethane	U	0.4	1,4-dichlorobenzene	U	0.4
benzene	U	0.4	1,2-dichlorobenzene	U	0.4
trichloroethene	U	0.4	n-butylbenzene	U	0.4
1,2-dichloropropane	U	0.4	1,2-dibromo-3-chloropropan	e U	0.4
bromodichloromethane	U	0.4	1,2,4-trichlorobenzene	U	0.4
dibromomethane	U	0.4	hexachlorobutadiene	U	0.4
4-methyl-2-pentanone (MIBK)	U	2	naphthalene	U	0.9
cis-1,3-dichloropropene	U	0.4	1,2,3-trichlorobenzene	U	0.4
toluene	U	0.4	1,4-dioxane	U	9

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
dibromofluoromethane	95	78-114
toluene-D8	98	88-110
4-bromofluorobenzene	100	86-115

Lab Number:10426-05Sample Designation:SW-06Date Sampled:5/30/06Date Analyzed:6/1/06Matrix:WaterInstrument Dilution Factor:1Analyst:LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Lin	nit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	U	2	trans-1,3-dichloropropene	U	2
chloromethane	U	2	2-hexanone	U	10
vinyi chloride	U	2	1,1,2-trichloroethane	U	2
bromomethane	U	2	1,3-dichloropropane	U	2
chloroethane	U	2	tetrachloroethene	U	2
trichlorofluoromethane	U	2	dibromochloromethane	U	2
diethyl ether	U	10	1,2-dibromoethane	U	2
acetone	U	10	chlorobenzene	U	2
1,1-dichloroethene	U	1	1,1,1,2-tetrachloroethane	U	2
methylene chloride	U	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	U	2	styrene	U	2
isopropyl ether (DIPE)	U	. 2	bromoform	U	2
ethyl t-butyl ether (ETBE)	Ú	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanol (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	Ü	10	п-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	U	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	U	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	tert-butylbenzene	U	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	2
1,1-dichloropropene	U	2	sec-butylbenzene	U	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	Ü	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	Ü	2	1,2-dichlorobenzene	U	2
trichloroethene	Ū	2	n-butylbenzene	U	2
1,2-dichloropropane	Ū	2	1,2-dibromo-3-chloropropane	U	2
bromodichloromethane	U	2	1,2,4-trichlorobenzene	U	2
dibromomethane	Ū	2	hexachlorobutadiene	U	2
4-methyl-2-pentanone (MIBK)	Ū	10	naphthalene	U	5
cis-1,3-dichloropropene	Ū	2	1,2,3-trichlorobenzene	U	2
toluene	Ū	2	1,4-dioxane	U	50
			,		
SURROGATE STANDARDS	Recovery	Acceptano	e Limits		
	(%)	(%)			

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
dibromofluoromethane	97	78-114
toluene-D8	98	88-110
4-bromofluorobenzene	97	86-115

Lab Number: 10426-06
Sample Designation: S-06
Date Sampled: 5/30/06
Date Prepared: 6/1/06
Date Analyzed: 6/1/06
Matrix: Solid

1

LMM

38.1%

Samples received in methanol within a 1:1 ratio +/- 25% mL MeOH/g soil

VOLATILE ORGANICS SW 846 Method 5035A/8260B

Instrument Dilution Factor:

Analyst:

Percent Solids:

Quantitation Limit Concentration Concentration Quantitation Limit ug/g dry wt ug/g dry wt ug/g dry wt ug/g dry wt dichlorodifluoromethane trans-1,3-dichloropropene U 0.4 U 0.4 U 2 chloromethane U 0.4 2-hexanone U 0.4 vinyl chloride U 0.4 1,1,2-trichloroethane U 0.4 bromomethane U 1,3-dichloropropane 1 3.9 0.4 chloroethane U 0.4 tetrachloroethene 0.4 trichlorofluoromethane U 0.4 dibromochloromethane U U 2 1,2-dibromoethane U 0.4 diethyl ether acetone U 10 chlorobenzene U 0.4 1,1-dichloroethene Ū 0.4 1,1,1,2-tetrachloroethane U 0.4 methylene chloride U 1 ethylbenzene U 0.4 carbon disulfide Ų 0.4 m&p-xylenes U 0.4 0.4 methyl t-butyl ether (MTBE) U o-xylene 11 0.4 0.4 trans-1,2-dichloroethene U 0.4 styrene 11 isopropyl ether (DIPE) U 0.4 bromoform U 0.4 ethyl t-butyl ether (ETBE) U 0.4 isopropylbenzene U 0.4 U 0.4 1,1-dichloroethane U 0.4 1,1,2,2-tetrachloroethane 0.4 t-butanol (TBA) U 10 1,2,3-trichloropropane U U 0.4 2-butanone (MEK) U 2 n-propylbenzene bromobenzene U 0.4 2,2-dichloropropane U 0.4 cis-1,2-dichloroethene 8.0 0.4 1,3,5-trimethylbenzene U 0.4 chloroform U 0.4 2-chlorotoluene U 0.4 bromochloromethane U 0.4 4-chlorotoluene U 0.4 U 0.4 tetrahydrofuran (THF) U 2 tert-butylbenzene 1,2,4-trimethylbenzene U 0.4 1,1,1-trichloroethane 8.0 0.4 U 0.4 sec-butylbenzene 1,1-dichloropropene U 0.4 U 0.4 t-amyl-methyl ether (TAME) U 0.4 1,3-dichlorobenzene 0.4 carbon tetrachloride U 0.4 4-isopropyltoluene U 1.4-dichlorobenzene U 0.4 1.2-dichloroethane U 0.4 0.4 benzene U 0.4 1,2-dichlorobenzene 6.3 0.4 trichloroethene U 1.1 0.4 n-butylbenzene U 0.4 1,2-dibromo-3-chloropropane 1,2-dichloropropane U 0.4 0.4 0.4 bromodichloromethane U 0.4 1,2,4-trichlorobenzene 0.4 hexachlorobutadiene dibromomethane U 0.4 U 4-methyl-2-pentanone (MIBK) U 2 naphthalene U 1 0.4 cis-1,3-dichloropropene U 0.4 1,2,3-trichlorobenzene U 10 toluene U 0.4 1,4-dioxane U

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
dibromofluoromethane	98	78-114
toluene-D8	98	88-110
4-bromofluorobenzene	103	86-115

Lab Number:10426-07Sample Designation:SW-03Date Sampled:5/30/06Date Analyzed:6/1/06Matrix:WaterInstrument Dilution Factor:1Analyst:LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Lir	mit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	Ū	2	trans-1,3-dichloropropene	Ū	2
chloromethane	U	2	2-hexanone	U	10
vinyl chloride	U	2	1,1,2-trichloroethane	U	2
bromomethane	U	2	1,3-dichloropropane	U	2
chloroethane	U	2	tetrachloroethene	U	2
trichlorofluoromethane	U	2	dibromochloromethane	U	2
diethyl ether	U	10	1,2-dibromoethane	U	2
acetone	U	10	chlorobenzene	U	2
1,1-dichloroethene	U	1	1,1,1,2-tetrachloroethane	U	2
methylene chloride	U	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	U	2	styrene	U	2
isopropyl ether (DIPE)	U	2	bromoform	U	2
ethyl t-butyl ether (ETBE)	U	2	isopropylbenzene	U	2
1,1-dichioroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanol (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	U	10	n-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	U	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	U	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	tert-butylbenzene	U	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	2
1,1-dichloropropene	Ü	2	sec-butylbenzene	U	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	U	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	U	2	1,2-dichlorobenzene	U	2
trichloroethene	U	2	n-butylbenzene	U	2
1,2-dichloropropane	U	2	1,2-dibromo-3-chloropropane	U	2
bromodichloromethane	U	2	1,2,4-trichlorobenzene	U	2
dibromomethane	U	2	hexachlorobutadiene	U	2
4-methyl-2-pentanone (MIBK)	U	10	naphthalene	U	5
cis-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
toluene	U	2	1,4-dioxane	U	50
SURROGATE STANDARDS	Recovery	Acceptano	ce Limits		
	(%)	(%)			
dibromofluoromethane	98	78-114			
toluene-D8	97	88-110			
4 to	00	00.445			

98

86-115

Lab Number:10426-08Sample Designation:S-03Date Sampled:5/30/06Date Prepared:6/1/06Date Analyzed:6/1/06Matrix:Solid

Samples received in methanol at a ratio of 1.32 mL MeOH/g soil.

Instrument Dilution Factor: 1
Analyst: LMM
Percent Solids: 34.6%

VOLATILE ORGANICS SW 846 Method 5035A/8260B

	Concentration	Quantitation Lim	it	Concentration	Quantitation Limit
	ug/g dry wt	ug/g dry wt		ug/g dry wt	ug/g dry wt
dichlorodifluoromethane	U	0.6	trans-1,3-dichloropropene	U	0.6
chloromethane	U	0.6	2-hexanone	U	3
vinyl chloride	U	0.6	1,1,2-trichloroethane	U	0.6
bromomethane	U	1	1,3-dichloropropane	U	0.6
chloroethane	22	0.6	tetrachloroethene	U	0.6
trichlorofluoromethane	U	0.6	dibromochloromethane	U	0.6
diethyl ether	U	3	1,2-dibromoethane	U	0.6
acetone	U	10	chlorobenzene	U	0.6
1,1-dichloroethene	U	0.6	1,1,1,2-tetrachloroethane	U	0.6
methylene chloride	U	1	ethylbenzene	1.0	0.6
carbon disulfide	U	0.6	m&p-xylenes	2.1	0.6
methyl t-butyl ether (MTBE)	U	0.6	o-xylene	0.8	0.6
trans-1,2-dichloroethene	0.6	0.6	styrene	U	0.6
isopropyl ether (DIPE)	U	0.6	bromoform	U	0.6
ethyl t-butyl ether (ETBE)	U	0.6	isopropylbenzene	U	0.6
1,1-dichloroethane	0.7	0.6	1,1,2,2-tetrachloroethane	U	0.6
t-butanol (TBA)	U	10	1,2,3-trichloropropane	U	0.6
2-butanone (MEK)	U	3	n-propylbenzene	U	0.6
2,2-dichloropropane	U	0.6	bromobenzene	Ü	0.6
cis-1,2-dichloroethene	U	0.6	1,3,5-trimethylbenzene	U	0.6
chloroform	U	0.6	2-chlorotoluene	U	0.6
bromochloromethane	U	0.6	4-chlorotoluene	U	0.6
tetrahydrofuran (THF)	U	3	tert-butylbenzene	U	0.6
1,1,1-trichloroethane	U	0.6	1,2,4-trimethylbenzene	U	0.6
1,1-dichloropropene	U	0.6	sec-butylbenzene	U	0.6
t-amyl-methyl ether (TAME)	U	0.6	1,3-dichlorobenzene	U	0.6
carbon tetrachloride	U	0.6	4-isopropyltoluene	U	0.6
1,2-dichloroethane	U	0.6	1,4-dichlorobenzene	U	0.6
benzene	U	0.6	1,2-dichlorobenzene	Ų .	0.6
trichloroethene	U	0.6	n-butylbenzene	U	0.6
1,2-dichloropropane	U	0.6	1,2-dibromo-3-chloropropane	e U	0.6
bromodichloromethane	U	0.6	1,2,4-trichlorobenzene	U	0.6
dibromomethane	U	0.6	hexachlorobutadiene	U	0.6
4-methyl-2-pentanone (MIBK)	U	3	naphthalene	U	1
cis-1,3-dichloropropene	U	0.6	1,2,3-trichlorobenzene	U	0.6
toluene	8.1	0.6	1,4-dioxane	U	10
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SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
dibromofluoromethane	95	78-114
toluene-D8	101	88-110
4-bromofluorobenzene	98	86-115

Lab Number:10426-09Sample Designation:SW-02Date Sampled:5/30/06Date Analyzed:6/1/06Matrix:WaterInstrument Dilution Factor:1Analyst:LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Lir	nit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	U	2	trans-1,3-dichloropropene	U	2
chloromethane	U	2	2-hexanone	U	10
vinyl chloride	U	2	1,1,2-trichloroethane	U	2
bromomethane	U	2	1,3-dichloropropane	U	2
chloroethane	U	2	tetrachloroethene	U	2
trichlorofluoromethane	U	2	dibromochloromethane	U	2
diethyl ether	U	10	1,2-dibromoethane	U	2
acetone	U	10	chlorobenzene	U	2
1,1-dichloroethene	U	1	1,1,1,2-tetrachloroethane	U	2
methylene chloride	U	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	U	2	styrene	U	2
isopropyl ether (DIPE)	U	2	bromoform	U	2
ethyl t-butyl ether (ETBE)	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanoi (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	U	10	n-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	U	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	U	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	tert-butylbenzene	U	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	2
1,1-dichloropropene	U	2	sec-butylbenzene	U	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	Ü	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	U	2	1,2-dichlorobenzene	U	2
trichloroethene	U	2	n-butylbenzene	U	2
1,2-dichloropropane	U	2	1,2-dibromo-3-chloropropane	U	2
bromodichloromethane	U	2	1,2,4-trichlorobenzene	U	2
dibromomethane	U	2	hexachlorobutadiene	U	2
4-methyl-2-pentanone (MIBK)	U	10	naphthalene	U	5
cls-1,3-dichloropropene	υ	2	1,2,3-trichlorobenzene	U	2
toluene	U	2	1,4-dioxane	U	50
SURROGATE STANDARDS	Recovery	Acceptano	ce Limits		
	(%)	(%)			
dibromofluoromethane	`97	78-114			
toluene-D8	99	88-110			
4.1		00 115			

98

86-115

Lab Number:10426-10Sample Designation:S-02Date Sampled:5/30/06Date Prepared:6/1/06Date Analyzed:6/1/06Matrix:Solid

LMM

79.6%

Samples received in methanol within a 1:1 ratio +/- 25% mL MeOH/g soil

VOLATILE ORGANICS SW 846 Method 5035A/8260B

Instrument Dilution Factor:

Analyst:

Percent Solids:

	Concentration	Quantitation Lim	sit	Concentration	Quantitation Limit
	ug/g dry wt	ug/g dry wt		ug/g dry wt	ug/g dry wt
dichlorodifluoromethane	Ú	0.2	trans-1,3-dichloropropene	Ü	0.2
chloromethane	U	0.2	2-hexanone	U	8.0
vinyl chloride	U	0.2	1,1,2-trichloroethane	U	0.2
bromomethane	U	0.4	1,3-dichloropropane	U	0.2
chloroethane	U	0.2	tetrachloroethene	U	0.2
trichlorofluoromethane	U	0.2	dibromochloromethane	U	0.2
diethyl ether	U	8.0	1,2-dibromoethane	U	0.2
acetone	U	4	chlorobenzene	Ü	0.2
1,1-dichloroethene	U	0.2	1,1,1,2-tetrachloroethane	U	0.2
methylene chloride	U	0.4	ethylbenzene	U	0.2
carbon disulfide	U	0.2	m&p-xylenes	U	0.2
methyl t-butyl ether (MTBE)	U	0.2	o-xylene	U	0.2
trans-1,2-dichloroethene	U	0.2	styrene	U	0.2
isopropyl ether (DIPE)	U	0.2	bromoform	U	0.2
ethyl t-butyl ether (ETBE)	U	0.2	isopropylbenzene	U	0.2
1,1-dichloroethane	U	0.2	1,1,2,2-tetrachloroethane	U	0.2
t-butanol (TBA)	U	4	1,2,3-trichloropropane	U	0.2
2-butanone (MEK)	U	8.0	n-propylbenzene	U	0.2
2,2-dichloropropane	U	0.2	bromobenzene	U	0.2
cis-1,2-dichloroethene	U	0.2	1,3,5-trimethylbenzene	U	0.2
chloroform	U	0.2	2-chlorotoluene	U	0.2
bromochloromethane	U	0.2	4-chlorotoluene	U	0.2
tetrahydrofuran (THF)	U	8.0	tert-butylbenzene	U	0.2
1,1,1-trichloroethane	U	0.2	1,2,4-trimethylbenzene	U	0.2
1,1-dichloropropene	U	0.2	sec-butylbenzene	U	0.2
t-amyl-methyl ether (TAME)	U	0.2	1,3-dichlorobenzene	U	0.2
carbon tetrachloride	U	0.2	4-isopropyltoluene	U	0.2
1,2-dichloroethane	U	0.2	1,4-dichlorobenzene	U	0.2
benzene	U	0.2	1,2-dichlorobenzene	U	0.2
trichloroethene	U	0.2	n-butylbenzene	U	0.2
1,2-dichloropropane	U	0.2	1,2-dibromo-3-chloropropane		0.2
bromodichloromethane	U	0.2	1,2,4-trichlorobenzene	U	0.2
dibromomethane	U	0.2	hexachlorobutadiene	U	0.2
4-methyl-2-pentanone (MIBK)	U	0.8	naphthalene	U	0.4
cis-1,3-dichloropropene	U	0.2	1,2,3-trichlorobenzene	U	0.2
toluene	U	0.2	1,4-dioxane	U	4

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
dibromofluoromethane	95	78-114
toluene-D8	98	88-110
4-bromofluorobenzene	100	86-115

Lab Number: 10426-11
Sample Designation: SW05
Date Sampled: 5/30/06
Date Analyzed: 6/1/06
Matrix: Water
Instrument Dilution Factor: 1
Analyst: LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Lin	mit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	Ū	2	trans-1,3-dichloropropene	U	2
chloromethane	U	2	2-hexanone	U	10
vinyl chloride	U	2	1,1,2-trichloroethane	U	2
bromomethane	U	2	1,3-dichloropropane	U	2
chloroethane	U	2	tetrachloroethene	U	2
trichlorofluoromethane	U	2	dibromochloromethane	U	2
diethyl ether	U	10	1,2-dibromoethane	U	2
acetone	U	10	chlorobenzene	U	2
1,1-dichloroethene	U	1	1,1,1,2-tetrachloroethane	U	2
methylene chloride	U	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	U	2	styrene	U	2
isopropyl ether (DIPE)	U	2	bromoform	U	2
ethyl t-butyl ether (ETBE)	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanol (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	U	10	n-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	U	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	U	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	tert-butylbenzene	U	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	2
1,1-dichloropropene	U	2	sec-butylbenzene	U	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	U	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	U	2	1,2-dichlorobenzene	U	2
trichloroethene	U	2	n-butylbenzene	U	2
1,2-dichloropropane	U	2	1,2-dibromo-3-chloropropane	U	2
bromodichloromethane	U	2	1,2,4-trichlorobenzene	U	2
dibromomethane	U	2	hexachlorobutadiene	U	2
4-methyl-2-pentanone (MIBK)	U	10	naphthalene	U	5
cis-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
toluene	U	2	1,4-dioxane	U	50
SURROGATE STANDARDS	Recovery	Acceptano	ce Limits		
	(%)	(%)			
dibromofluoromethane	98	78-114			
toluene-D8	99	88-110			
	00	55 110			

101

86-115

Lab Number:10426-12Sample Designation:SW08Date Sampled:5/30/06Date Analyzed:6/1/06Matrix:WaterInstrument Dilution Factor:1Analyst:LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Lir	mit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	U	2	trans-1,3-dichloropropene	U	2
chloromethane	U	2	2-hexanone	U	10
vinyl chloride	U	2	1,1,2-trichloroethane	U	2
bromomethane	U	2	1,3-dichloropropane	U	2
chloroethane	U	2	tetrachloroethene	U	2
trichlorofluoromethane	U	2	dibromochloromethane	U	2
diethyl ether	U	10	1,2-dibromoethane	U	2
acetone	U	10	chlorobenzene	U	2
1,1-dichloroethene	U	1	1,1,1,2-tetrachloroethane	U	2
methylene chloride	U	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	U	2	styrene	U	2
isopropyl ether (DIPE)	U	2	bromoform	U	2
ethyl t-butyl ether (ETBE)	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanol (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	U	10	n-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	U	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	U	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	tert-butylbenzene	U	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	2
1,1-dichloropropene	U	2	sec-butylbenzene	U	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	U	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	U	2	1,2-dichlorobenzene	U	2
trichloroethene	· U	2	n-butylbenzene	U	2
1,2-dichloropropane	U	2	1,2-dibromo-3-chloropropane	U	2
bromodichloromethane	U	2	1,2,4-trichlorobenzene	U	2
dibromomethane	· U	2	hexachlorobutadiene	U	2
4-methyl-2-pentanone (MIBK)	U	10	naphthalene	U	5
cis-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
toluene	U	2	1,4-dioxane	U	50
SURROGATE STANDARDS	Recovery	Acceptano	ce Limits		
	(%)	(%)			
dibromofluoromethane	94	78-114			
toluene-D8	97	88-110			
		00 110			

100

86-115

Lab Number:10426-13Sample Designation:S08Date Sampled:5/30/06Date Prepared:6/1/06Date Analyzed:6/1/06Matrix:Solid

Samples received in methanol at a ratio of 1.27 mL MeOH/g soil.

Instrument Dilution Factor: 1
Analyst: LMM
Percent Solids: 55.3%

VOLATILE ORGANICS SW 846 Method 5035A/8260B

	Concentration	Quantitation Lim	nit	Concentration	Quantitation Limit
	ug/g dry wt	ug/g dry wt		ug/g dry wt	ug/g dry wt
dichlorodifluoromethane	U	0.3	trans-1,3-dichloropropene	U	0.3
chloromethane	, U	0.3	2-hexanone	U	2
vinyl chloride	υ	0.3	1,1,2-trichloroethane	U	0.3
bromomethane	U	8.0	1,3-dichloropropane	U	0.3
chloroethane	U	0.3	tetrachloroethene	U	0.3
trichlorofiuoromethane	U	0.3	dibromochloromethane	U	0.3
diethyl ether	U	2	1,2-dibromoethane	U	0.3
acetone	U	8	chlorobenzene	U	0.3
1,1-dichloroethene	U	0.3	1,1,1,2-tetrachloroethane	U	0.3
methylene chloride	U	8.0	ethylbenzene	U	0.3
carbon disulfide	U	0.3	m&p-xylenes	U	0.3
methyl t-butyl ether (MTBE)	U	0.3	o-xylene	U	0.3
trans-1,2-dichloroethene	U	0.3	styrene	U	0.3
isopropyl ether (DIPE)	U	0.3	bromoform	U	0.3
ethyl t-butyl ether (ETBE)	U	0.3	isopropylbenzene	U	0.3
1,1-dichloroethane	U	0.3	1,1,2,2-tetrachloroethane	U	0.3
t-butanol (TBA)	U	8	1,2,3-trichloropropane	U	0.3
2-butanone (MEK)	U	2	n-propylbenzene	U	0.3
2,2-dichloropropane	U	0.3	bromobenzene	U	0.3
cis-1,2-dichloroethene	U	0.3	1,3,5-trimethylbenzene	U	0.3
chloroform	U	0.3	2-chlorotoluene	U	0.3
bromochloromethane	U	0.3	4-chlorotoluene	U	0.3
tetrahydrofuran (THF)	U	2	tert-butylbenzene	U	0.3
1,1,1-trichloroethane	U	0.3	1,2,4-trimethylbenzene	U	0.3
1,1-dichloropropene	U	0.3	sec-butylbenzene	U	0.3
t-amyl-methyl ether (TAME)	U	0.3	1,3-dichlorobenzene	U	0.3
carbon tetrachloride	U	0.3	4-lsopropyltoluene	U	0.3
1,2-dichloroethane	U	0.3	1,4-dichlorobenzene	U	0.3
benzene	U	0.3	1,2-dichlorobenzene	U	0.3
trichloroethene	U	0.3	n-butylbenzene	U	0.3
1,2-dichloropropane	U	0.3	1,2-dibromo-3-chloropropan	e U	0.3
bromodichloromethane	U	0,3	1,2,4-trichlorobenzene	U	0.3
dibromomethane	U	0.3	hexachlorobutadiene	U	0.3
4-methyl-2-pentanone (MIBK)	U	2	naphthalene	U	8.0
cis-1,3-dichloropropene	U	0.3	1,2,3-trichlorobenzene	U	0.3
toluene	U	0.3	1,4-dioxane	U	8

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
dibromofluoromethane	95	78-114
toluene-D8	100	88-110
4-bromofluorobenzene	103	86-115

Lab Number:10426-14Sample Designation:SW07Date Sampled:5/30/06Date Analyzed:6/1/06Matrix:WaterInstrument Dilution Factor:1Analyst:LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Lir	nit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	U	2	trans-1,3-dichloropropene	U	2
chloromethane	U	2	2-hexanone	U	10
vinyl chloride	U	2	1,1,2-trichloroethane	U	2
bromomethane	U	2	1,3-dichloropropane	U	2
chloroethane	U	2	tetrachloroethene	U	2
trichlorofluoromethane	U	2	dibromochloromethane	U	2
diethyl ether	U	10	1,2-dibromoethane	U	2
acetone	U	10	chlorobenzene	U	. 2
1,1-dichloroethene	U	1	1,1,1,2-tetrachloroethane	U	2
methylene chloride	U	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	U	2	styrene	U	2
isopropyl ether (DIPE)	U	2	bromoform	U	2
ethyl t-butyl ether (ETBE)	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanol (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	U	10	n-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	U	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	U	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	tert-butylbenzene	U	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	. 2
1,1-dichloropropene	U	2	sec-butylbenzene	Ŭ	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	U	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	U	2	1,2-dichlorobenzene	U	2
trichloroethene	U	2	n-butylbenzene	U	2
1,2-dichloropropane	U	2	1,2-dibromo-3-chloropropane	U	2
bromodichloromethane	U	2	1,2,4-trichlorobenzene	U	2
dibromomethane	U	2	hexachlorobutadiene	U	2
4-methyl-2-pentanone (MIBK)	U	10	naphthalene	U	5
cis-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
toluene	U	2	1,4-dioxane	U	50
SURROGATE STANDARDS	Recovery	Acceptano	ce Limits		
	(%)	(%)			
dibromofluoromethane	98	78-114			
toluene-D8	98	88-110			
A.I. Mariantonia	90	00 445			

86-115

99

Lab Number:10426-15Sample Designation:SW04Date Sampled:5/30/06Date Analyzed:6/1/06Matrix:WaterInstrument Dilution Factor:1Analyst:LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Li	mit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	о <u>я</u> , <u>г</u> U	2	trans-1,3-dichloropropene	U	2
chloromethane .	Ū	2	2-hexanone	Ū	10
vinyl chloride	Ũ	2	1,1,2-trichloroethane	Ū	2
bromomethane	Ū	2	1,3-dichloropropane	Ū	2
chloroethane	Ū	2	tetrachloroethene	Ū	2
trichlorofluoromethane	Ü	2	dibromochloromethane	Ü	2
diethyl ether	Ū	10	1,2-dibromoethane	Ū	2
acetone	Ū	10	chlorobenzene	Ü	2
1,1-dichloroethene	Ü	1	1,1,1,2-tetrachloroethane	Ū	2
methylene chloride	Ú	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	U	2	styrene	U	2
isopropyl ether (DIPE)	Ŭ	2	bromoform	U	2
ethyl t-butyl ether (ETBE)	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanol (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	U	10	n-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	U	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	U	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	tert-butylbenzene	U	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	2
1,1-dichioropropene	U	2	sec-butylbenzene	U	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	U	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	U	2	1,2-dichlorobenzene	U	2
trichloroethene	U	2	n-butylbenzene	U	2
1,2-dichloropropane	U	2	1,2-dibromo-3-chloropropane	U	2
bromodichloromethane	U	2	1,2,4-trichlorobenzene	U	2
dibromomethane	U	2	hexachlorobutadiene	U	2
4-methyl-2-pentanone (MIBK)	U	10	naphthalene	U	5
cis-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
toluene	U	2	1,4-dioxane	U	50
SURROGATE STANDARDS	Recovery	Acceptan	ce Limits		
	(%)	(%)			
dibromofluoromethane	97	78-114			
toluene-D8	97	88-110			
		55			

101

86-115

Lab Number: 10426-16
Sample Designation: S04
Date Sampled: 5/30/06
Date Prepared: 6/1/06
Date Analyzed: 6/2/06
Matrix: Solid

1

LMM

92.1%

Samples received in methanol within a 1:1 ratio +/- 25% mL MeOH/g soil

VOLATILE ORGANICS SW 846 Method 5035A/8260B

Instrument Dilution Factor:

Analyst:

Percent Solids:

Concentration Quantitation Limit Concentration Quantitation Limit ug/g dry wt ug/g dry wt ug/g dry wt ug/g dry wt dichlorodifluoromethane U trans-1,3-dichloropropene 0.1 IJ 0.1 chloromethane U U 0.1 0.5 2-hexanone vinyl chloride U U 0.1 1,1,2-trichloroethane 0.1 bromomethane U U 0.3 1,3-dichloropropane 0.1 chloroethane U 0.1 tetrachloroethene U 0.1 trichlorofluoromethane U dibromochloromethane U 0.1 0.1 diethyl ether U 0.5 1.2-dibromoethane U 0.1 acetone U 3 chlorobenzene U 0.1 1,1-dichloroethene U 0.1 U 0.1 1,1,1,2-tetrachloroethane methylene chloride U 0.3 U 0.1 ethylbenzene carbon disulfide U 0.1 U 0.1 m&p-xylenes methyl t-butyl ether (MTBE) U 0.1 o-xylene U 0.1 trans-1,2-dichloroethene U 0.1 stvrene U 0.1 isopropyl ether (DIPE) U 0.1 0.1 bromoform U ethyl t-butyl ether (ETBE) U 0.1 isopropylbenzene U 0.1 1,1-dichloroethane Ū 0.1 U 0.1 1,1,2,2-tetrachloroethane t-butanol (TBA) U U 0.1 3 1,2,3-trichloropropane 2-butanone (MEK) U 0.5 n-propylbenzene U 0.1 2,2-dichloropropane U 0.1 bromobenzene U 0.1 cis-1,2-dichloroethene U 0.1 1,3,5-trimethylbenzene U 0.1 chloroform U 0.1 0.1 2-chlorotoluene U bromochloromethane U 0.1 4-chlorotoluene U 0.1 tetrahydrofuran (THF) U 0.5 U 0.1 tert-butylbenzene 1,1,1-trichloroethane U 0.1 0.1 1,2,4-trimethylbenzene U 1,1-dichloropropene U 0.1 sec-butylbenzene U 0.1 t-amyl-methyl ether (TAME) U 0.1 1,3-dichlorobenzene U 0.1 carbon tetrachloride U 4-isopropyltoluene 0.2 0.1 0.1 1,2-dichloroethane U 0.1 1,4-dichlorobenzene U 0.1 benzene U 1,2-dichlorobenzene U 0.1 0.1 trichloroethene Ū 0.1 n-butylbenzene U 0.1 1,2-dichloropropane U 0.1 1,2-dibromo-3-chloropropane U 0.1 bromodichloromethane U 0.1 1,2,4-trichlorobenzene U 0.1 dibromomethane U 0.1 hexachlorobutadiene U 0.1 4-methyl-2-pentanone (MIBK) U 0.5 naphthalene U 0.3 cis-1,3-dichloropropene U 0.1 0.1 1,2,3-trichlorobenzene U toluene U U 3 0.1 1,4-dioxane

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
dibromofluoromethane	95	78-114
toluene-D8	96	88-110
4-bromofluorobenzene	103	86-115

Lab Number: 10426-17
Sample Designation: Trip Blank
Date Sampled: 5/30/06
Date Analyzed: 6/1/06
Matrix: Water
Instrument Dilution Factor: 1
Analyst: LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Lin	nit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	U	2	trans-1,3-dichloropropene	U	2
chloromethane	U	2	2-hexanone	U	10
vinyl chloride	U	2	1,1,2-trichloroethane	U	2
bromomethane	U	2	1,3-dichloropropane	U	2
chloroethane	U	2	tetrachloroethene	U	2
trichlorofluoromethane	U	2	dibromochloromethane	U	2
diethyl ether	U	10	1,2-dibromoethane	U	2
acetone	U	10	chlorobenzene	U	2
1,1-dichloroethene	U	1	1,1,1,2-tetrachloroethane	U	2
methylene chloride	U	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	U	2	styrene	U	2
isopropyl ether (DIPE)	U	2	bromoform	U	2
ethyl t-butyl ether (ETBE)	U	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanol (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	U	10	n-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	U	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	U	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	tert-butylbenzene	U	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	2
1,1-dichloropropene	Ü	2	sec-butylbenzene	U	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	U	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	U	2	1,2-dichlorobenzene	U	2
trichloroethene	U	2	n-butylbenzene	U	2
1,2-dichloropropane	U	2	1,2-dibromo-3-chloropropane	U	2
bromodichloromethane	U	2	1,2,4-trichlorobenzene	U	2
dibromomethane	U	2	hexachlorobutadiene	U	2
4-methyl-2-pentanone (MIBK)	U	10	naphthalene	U	5
cis-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
toluene	U	2	1,4-dioxane	U	50
SURROGATE STANDARDS	Recovery	Acceptano	ce Limits		
	(%)	(%)			
dibromofluoromethane	96	78-114			
toluene-D8	95	88-110			

4-bromofluorobenzene

99

86-115

Lab Number:	10426-0
Sample Designation:	S-09
Date Sampled:	5/30/06
Date Extracted:	6/2/06
Date Analyzed:	6/6/06
Matrix:	Solid
Dilution Factor:	1
Analyst:	AJD
Percent Solids:	45.7%

POLYAROMATIC HYDROCARBONS SW 846 Method 3550B/8270C.

naphthalene	Concentration ug/g dry wt U	Quantitation Limit ug/g dry wt 2
2-methylnaphthalene	U	2
acenaphthylene	U	2
acenaphthene	Ų	2
dibenzofuran	U	2
fluorene	U	2
phenanthrene	2	2
anthracene	U	2
fluoranthene	3	2
pyrene	2	2
benzo(a)anthracene	U	2
chrysene	U	2
benzo(b)fluoranthene	U	2
benzo(k)fluoranthene	U	2
benzo(a)pyrene	U	2
indeno(1,2,3-cd)pyrene	U	2
dibenzo(a,h)anthracene	U	2
benzo(g,h,i)perylene	U	2

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
2-fluorobiphenyl	81	43-116
o-terphenyl	94	33-141

Lab Number:	10426-06
Sample Designation:	S-06
Date Sampled:	5/30/06
Date Extracted:	6/2/06
Date Analyzed:	6/6/06
Matrix:	Solid
Dilution Factor:	1
Analyst:	AJD
Percent Solids:	38.1%

POLYAROMATIC HYDROCARBONS

SW 846 Method 3550B/8270C.

	Concentration	Quantitation Limit
	ug/g dry wt	ug/g dry wt
naphthalene	U	2
2-methylnaphthalene	U	2
acenaphthylene	U	2
acenaphthene	U	2
dibenzofuran	U	2
fluorene	U	2
phenanthrene	U	2
anthracene	U	2
fluoranthene	Ŭ	2
pyrene	U	2
benzo(a)anthracene	U	2
chrysene	U	2
benzo(b)fluoranthene	U	2
benzo(k)fluoranthene	U	2
benzo(a)pyrene	U	2
indeno(1,2,3-cd)pyrene	U	2
dibenzo(a,h)anthracene	U	2
benzo(g,h,i)perylene	U	2

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
2-fluorobiphenyl	106	43-116
o-terphenyl	120	33-141

Lab Number:	10426-08
Sample Designation:	S-03
Date Sampled:	5/30/06
Date Extracted:	6/2/06
Date Analyzed:	6/6/06
Matrix:	Solid
Dilution Factor:	1
Analyst:	AJD
Percent Solids:	34.6%

POLYAROMATIC HYDROCARBONS SW 846 Method 3550B/8270C.

	Concentration ug/g dry wt	Quantitation Limit ug/g dry wt
naphthalene	ll	2 ag/g dry wt
2-methylnaphthalene	Ü	2
acenaphthylene	Ü	2
acenaphthene	Ú	2
dibenzofuran	Ú	2
fluorene	U	2
phenanthrene	2	2
anthracene	U	2
fluoranthene	3	2
pyrene	2	2
benzo(a)anthracene	U	2
chrysene	Ú	2
benzo(b)fluoranthene	U	2
benzo(k)fluoranthene	U	2
benzo(a)pyrene	U	2
indeno(1,2,3-cd)pyrene	U	2
dibenzo(a,h)anthracene	U	2
benzo(g,h,i)perylene	U	2

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
2-fluorobiphenyl	90	43-116
o-terphenyl	99	33-141

Lab Number:	10426-16
Sample Designation:	S04
Date Sampled:	5/30/06
Date Extracted:	6/2/06
Date Analyzed:	6/6/06
Matrix:	Solid
Dilution Factor:	1
Analyst:	AJD
Percent Solids:	92.1%

POLYAROMATIC HYDROCARBONS SW 846 Method 3550B/8270C.

	Concentration	Quantitation Limit
	ug/g dry wt	ug/g dry wt
naphthalene	U	0.6
2-methylnaphthalene	U	0.6
acenaphthylene	U	0.6
acenaphthene	U	0.6
dibenzofuran	U	0.6
fluorene	U	0.6
phenanthrene	U	0.6
anthracene	U	0.6
fluoranthene	U	0.6
pyrene	U	0.6
benzo(a)anthracene	U	0.6
chrysene	U	0.6
benzo(b)fluoranthene	U	0.6
benzo(k)fluoranthene	U	0.6
benzo(a)pyrene	U	0.6
indeno(1,2,3-cd)pyrene	U	0.6
dibenzo(a,h)anthracene	U	0.6
benzo(g,h,i)perylene	U	0.6

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
2-fluorobiphenyl	99	43-116
o-terphenyl	109	33-141

Project ID: DND Lewis Chemical

Lab ID: 10426

Lab Number: 10426-004

Sample ID: S-09

Matrix: Solid Percent Dry: 45.6 %

Sampled: 5/30/06 12:30

Jampied. 5/30/00 12.30		Quant		Instr Dil'n		Prep	Analysis	Analysis	
Parameter:	Result	Limit	Units	Factor	Analyst	Date	Date	Time	Reference
Lead	89	8.0	ug/g	1	BJS	6/1/06	6/2/06	16:23	SW3050B6010E
Mercury	0.09	0.03	ug/g	1	BJS	6/7/06	6/7/06	N/A	SW7470A
Silver	< 0.5	0.5	ug/g	1	BJS	6/1/06	6/2/06	16:23	SW3050B6010E

Lab Number: 10426-006

Sample ID: S-06

Matrix: Solid Percent Dry: 38 %

Sampled: 5/30/06 13:00

Sampled: 5/50/06 15.00		Quant		Instr Dil'n		Prep	Analysis	Analysis	
Parameter:	Result	Limit	Units	Factor	Analyst	Date	Date	Time	Reference
Lead	6.1	1	ug/g	1	BJS	6/1/06	6/2/06	16:29	SW3050B6010E
Mercury	< 0.06 #	0.06	ug/g	1	BJS	6/7/06	6/7/06	N/A	SW7470A
# = Matrix spike recovery was	34%, outside	the cont	trol limits	of 75-125%	6. Matrix i	nterferen	ce suspect	ed.	
Silver	< 0.7	0.7	ug/g	1	BJS	6/1/06	6/2/06	16:29	SW3050B6010E

Lab Number: 10426-008

Sample ID: S-03

Matrix: Solid Percent Dry: 34.6 %

Sampled: 5/30/06 13:30

Sampled: 5/30/06	13.30		Quant		Instr Dil'n		Prep	Analysis	Analysis	
Parameter:		Result	Limit	Units	Factor	Analyst	Date	Date	Time	Reference
Lead		410	1	ug/g	1	BJS	6/1/06	6/2/06	16:35	SW3050B6010E
Mercury		0.12	0.06	ug/g	1	BJS	6/7/06	6/7/06	N/A	SW7470A
Silver		3.0	0.7	ug/g	1	BJS	6/1/06	6/2/06	16:35	SW3050B6010E

Lab Number: 10426-016

Sample ID: S04

Matrix: Solid Percent Dry: 92.1 %

Sampled: 5/30/06 16:00

Sampled: 5/30/00 10	0.00	Quant		Instr Dil'n		Prep	Analysis	Analysis		
Parameter:	Result	Limit	Units	Factor	Analyst	Date	Date	Time	Reference	
Lead	31	0.4	ug/g	1	BJS	6/1/06	6/2/06	16:41	SW3050B6010E	
Mercury	< 0.02	0.02	ug/g	1	BJS	6/7/06	6/7/06	N/A	SW7470A	
Silver	0.9	0.3	ug/g	1	BJS	6/1/06	6/2/06	16:41	SW3050B6010E	



RESOURCE LABORATORIES, LLC.

Case Narrative Lab # 10426

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, at 5 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines. Samples 10426-02,08, and -13 did not meet the 1:1 ratio (+/-25%) for methanol/sediment as noted on the result pages. The customer made several changes to the chain of custody analysis requests after receipt in the laboratory. The changes are included in this report. The dry weight sample for samples 10426-02, 10 and 13 were received in plastic bags.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

<u>Laboratory Control Sample Results</u>

VOC: Dichlorodifluoromethane, TBA and 1,4 Dioxane did not meet acceptance criteria in the aqueous LCS. These compounds are known to be problematic in the method.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Mercury: Although the MS was not requested for this project, sample 10426-06 was analyzed as a matrix spike for laboratory QC. The matrix spike recovery was 34%, matrix interference is suspected.

Other

VOC: The following compounds were quantified with a quadratic fit:, Vinyl Chloride, Acetone, Bromoform, Isopropylbenzene, n- propylbenzene, 1,3,5-trimethylbenzene, Tertbutylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, 1,3-dichlorobenzene, 4-isopropyltoluene, 1,4-dichlorobenzene, n-butylbenzene, 1,2,4,-trichlorobenzene, Hexachlorobutadiene, and 1,2,3-trichlorobenzene.

Metals: Only Silver, Mercury, and Lead were requested.

8270: PAH only was requested.

Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

MADEP MCP Analytical Method Report Certification Form										
	me: Resource						Lab # 10	426		
Duningt I godi	on ITrido Doule		D.	uningt #		***	MADEP	DTN Gf		
Project Locati	on Hyde Park			roject#			available	,		
This form pro	vides certificati	ons for the fo	llowi	ng data set ir	the L	ab # refe		ove (see Chain of		
_	imples numbers		/110 W 1	ng data sot m	1 1110 13	uo n rere	ronoca asc	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	ces: Groundwa		/Sedi	ment (x) D	rinkinį	g Water (Other:			
MCP SW-	8260 (x)	8081 ()		6010	(x)	Cyanid	e ()	Other ()		
846 Methods	8270 (x)	VPH ()		7470/7471	(x)	Other	()	Other ()		
Used	8082 ()	EPH ()		Other	()	Other	()	Other ()		
A	Were all samp	les received	by the	e laboratory i	n a coi	ndition				
	consistent with						Yes (x)	No ()		
	documentation									
В	Were all QA/0									
	analytical met	, ,					Yes (x)	No()		
	including the including that d					arranve				
	standards or g		rbbrol	priate periori	nance					
С	Does the data		nis re	port meet all	the an	alvtical				
	requirements f			-		-	Yes (x)	No()		
	Section 2.0 (a)									
	CAM VII A, "									
	Guidelines for	the Acquisit	ion ar	nd Reporting	of An	alytical				
	Data?"	r	<u></u>	7 41 X/DIT	TDT	т	V()	No () NA		
D	VPH and EPH method run wi		•				Yes ()	No () NA		
	11.3 of respec	_		nouncations	: (300	Section				
E	Were all QC	······		ards and reco	mmen	dations				
	for the specific	•					Yes ()	No(x)		
F	Were results for			····	ement	s for	Yes ()	No(x)		
	the specified n	nethod(s) rep	orted	?	ever (szeri Nación szer		and Sales September 1997			
								personal inquiry		
					al con	tained in	this analy	tical report is, to		
the best of my	knowledge and	l belief, accu	rate a	nd complete.	marka establica kristik	SALUMBS AND DESCRIPTION OF THE PARTY.	en de les exemples en			
	()	00								

Signature: Lund Vil	Position: <u>Lab Director</u>
Printed Name: Susan C. Sylvester	Date: 2-2-07

Lab Number: 10426-49
Sample Designation: Method Blank
Date Sampled: N/A
Date Analyzed: 6/1/06
Matrix: Water
Instrument Dilution Factor: 1
Analyst: LMM

VOLATILE ORGANICS SW 846 Method 5030B/8260B

	Concentration	Quantitation Lin	nit	Concentration	Quantitation Limit
	ug/L	ug/L		ug/L	ug/L
dichlorodifluoromethane	U	2	trans-1,3-dichloropropene	U	2
chloromethane	U	2	2-hexanone	U	10
vinyl chloride	U	2	1,1,2-trichloroethane	U	2
bromomethane	U	2	1,3-dichloropropane	U	2
chloroethane	U	2	tetrachloroethene	U	2
trichlorofluoromethane	U	2	dibromochloromethane	U	2
diethyl ether	, U	10	1,2-dibromoethane	U	2
acetone	U	10	chlorobenzene	U	2
1,1-dichloroethene	U	1	1,1,1,2-tetrachloroethane	U	2
methylene chloride	U	5	ethylbenzene	U	2
carbon disulfide	U	2	m&p-xylenes	U	2
methyl t-butyl ether (MTBE)	U	2	o-xylene	U	2
trans-1,2-dichloroethene	U	2	styrene	U	2
isopropyl ether (DIPE)	U	2	bromoform	U	2
ethyl t-butyl ether (ETBE)	U.	2	isopropylbenzene	U	2
1,1-dichloroethane	U	2	1,1,2,2-tetrachloroethane	U	2
t-butanol (TBA)	U	50	1,2,3-trichloropropane	U	2
2-butanone (MEK)	U	10	n-propylbenzene	U	2
2,2-dichloropropane	U	2	bromobenzene	U	2
cis-1,2-dichloroethene	U	2	1,3,5-trimethylbenzene	U	2
chloroform	U	2	2-chlorotoluene	U	2
bromochloromethane	U	2	4-chlorotoluene	U	2
tetrahydrofuran (THF)	U	10	tert-butylbenzene	U	2
1,1,1-trichloroethane	U	2	1,2,4-trimethylbenzene	U	2
1,1-dichloropropene	U	2	sec-butylbenzene	U	2
t-amyl-methyl ether (TAME)	U	2	1,3-dichlorobenzene	U	2
carbon tetrachloride	U	2	4-isopropyltoluene	U	2
1,2-dichloroethane	U	2	1,4-dichlorobenzene	U	2
benzene	U	2	1,2-dichlorobenzene	U	2
trichloroethene	U	2	n-butylbenzene	U	2
1,2-dichloropropane	U	2	1,2-dibromo-3-chloropropane	U	2
bromodichloromethane	U	2	1,2,4-trichlorobenzene	U	2
dibromomethane	U	2	hexachlorobutadiene	U	2
4-methyl-2-pentanone (MIBK)	U	10	naphthalene	U	5
cis-1,3-dichloropropene	U	2	1,2,3-trichlorobenzene	U	2
toluene	U	2	1,4-dioxane	U	50
SURROGATE STANDARDS	Recovery	Acceptano	ce Limits		
	(%)	(%)			
dibromofluoromethane	99	78-114			

4-bromofluorobenzene

99

99

88-110

86-115

toluene-D8

Lab Number:

10426-50

Sample Designation:

Method Blank B183

Date Sampled: Date Prepared:

N/A 6/1/06

Date Analyzed: Matrix: 6/1/06 Solid

Instrument Dilution Factor:

5011a 1

Analyst:

LMM

Percent Solids:

100.0%

VOLATILE ORGANICS SW 846 Method 5035A/8260B

Quantitation Limit Quantitation Limit Concentration Concentration ug/g dry wt ug/g dry wt ug/g dry wt ug/g dry wt 0.1 trans-1,3-dichloropropene U dichlorodifluoromethane U 0.1 U 0.5 chloromethane U 0.1 2-hexanone U 0.1 vinyl chloride U 0.1 1,1,2-trichloroethane U 0.1 bromomethane U 0.3 1,3-dichloropropane U 0.1 chloroethane U 0.1 tetrachloroethene U 0.1 trichlorofluoromethane U 0.1 dibromochloromethane U 0.1 diethyl ether U 0.5 1.2-dibromoethane 0.1 U acetone U 3 chlorobenzene 1,1,1,2-tetrachloroethane U 0.1 1,1-dichloroethene U 0.1 U 0.1 methylene chloride U 0,3 ethylbenzene U 0.1 carbon disulfide U 0.1 m&p-xylenes U 0.1 methyl t-butyl ether (MTBE) 0.1 o-xylene U trans-1,2-dichloroethene stvrene U 0.1 U 0.1 isopropyl ether (DIPE) U 0.1 bromoform U 0.1 ethyl t-butyl ether (ETBE) U 0.1 U 0.1 isopropylbenzene U 0.1 1,1-dichloroethane 0.1 1,1,2,2-tetrachloroethane U U 0.1 t-butanoi (TBA) 1,2,3-trichloropropane U 3 U 0.1 2-butanone (MEK) 0.5 n-propylbenzene U U 0.1 bromobenzene 2,2-dichloropropane U 0.1 U 0.1 cis-1,2-dichloroethene U 0.1 1.3,5-trimethylbenzene U 0.1 chloroform 0.1 2-chlorotoluene U U 0.1 bromochloromethane U 0.1 4-chlorotoluene tetrahydrofuran (THF) U 0.5 tert-butylbenzene U 0.1 U 0.1 1,1,1-trichloroethane u 0.1 1,2,4-trimethylbenzene U 0.1 1,1-dichloropropene U 0.1 sec-butylbenzene U 0.1 t-amyl-methyl ether (TAME) U 0.1 1,3-dichlorobenzene U 0.1 4-isopropyltoluene carbon tetrachloride U 0.1 Ū 0.1 1,2-dichloroethane U 0.1 1,4-dichlorobenzene U 0.1 0.1 1,2-dichlorobenzene benzene U n-butylbenzene U 0.1 trichloroethene U 0.1 Ū 0.1 1,2-dichloropropane U 0.1 1,2-dibromo-3-chloropropane bromodichloromethane Ū 0.1 1,2,4-trichlorobenzene Ū 0.1 0.1 hexachlorobutadiene U 0.1 dibromomethane U Ū 0.3 4-methyl-2-pentanone (MIBK) U 0.5 naphthalene 1,2,3-trichlorobenzene U 0.1 cis-1,3-dichloropropene U 0.1 U toluene U 0.1 1.4-dioxane 3

Samples received in methanol within a 1:1 ratio +/- 25% mL MeOH/g soil

SURROGATE STANDARDS Recovery Acceptance Limits
(%) (%)
dibromofluoromethane 94 78-114
toluene-D8 99 88-110
4-bromofluorobenzene 105 86-115

Lab Number:

10426-51

Sample Designation:

LCS/LCSD B183

Date Analyzed:

6/1/06

Matrix:

Solid

VOLATILE ORGANICS MS/MSD LCS/LCSD Report SW 846 Method 8260B

	Spike	Sample	MS/LCS			
	Added	Concentration	Concentration	%	QC Lower	QC Upper
Compound	(ug/g)	(ug/g)	(ug/g)	Recovery	Limit	Limit
1,1-Dichloroethene	1.0		0.9	94%	59%	172%
Benzene	1.0		0.9	92%	66%	142%
Trichloroethene	1.0		0.9	87%	62%	137%
Toluene	1.0		0.9	94%	59%	139%
Chlorobenzene	1.0		1.0	98%	60%	133%

	Spike	Sample	MSD/LCSD	· · · · · · · · · · · · · · · · · · ·				
	Added	Concentration	Concentration	%	QC Lower	QC Upper		RPD
Compound	(ug/g)	(ug/g)	(ug/g)	Recovery	Limit	Limit	RPD	Limit
1,1-Dichloroethene	1.0		0.9	90%	59%	172%	4%	20
Benzene	1.0		0.9	94%	66%	142%	2%	20
Trichloroethene	1.0		0.9	93%	62%	137%	6%	20
Toluene	1.0		0.9	94%	59%	139%	0%	20
Chlorobenzene	1.0		1.0	97%	60%	133%	1%	20

Lab Number:

10426-52

Sample Designation:

Lab Control Sample/Lab Control Sample Duplicate C:\DATA\VOA03\060106\V3060124.D

File Name:

Date Analyzed: 6/1/06 SW 846 Method 5030B/8260B

SW 846 Method 5030B/8260B			Loop	nnn
Compound	LCS Amount Found	% Recovery	LCSD Amount Found % F	RPD Recovery
dichlorodifluoromethane	13	65% *		72% 9%
chloromethane	18	91%		97% 6%
vinyl chloride	18	92%		100% 8%
bromomethane	19	94%	19	93% 1%
chloroethane	19	97%	21	103% 6%
trichlorofluoromethane	18	89%		98% 9%
diethylether	20	99%		103% 4%
acetone	18	89%		88% 1%
1,1-dichloroethene methylene chloride	18	90%		91% 1%
carbon disulfide	21 19	104% 93%		112% 8% 95% 2%
methyl-t-butyl ether (MTBE)	40	100%		105% 5%
trans-1,2-dichloroethene	19	93%		101% 8%
isopropyl ether (DIPE)	19	97%		101% 4%
ethyl-t-butyl ether (ETBE)	19	95%		100% 6%
1,1-dichloroethane	19	95%		100% 6%
t-butanol (TBA)	142	142% *	146	146% * 3%
2-butanone (MEK)	22	109%	23	115% 5%
2,2-dichloropropane	14	72%	15	74% 2%
cis-1,2-dichloroethene	20	98%	19	97% 1%
chloroform	18	91%		97% 7%
bromochloromethane	19	97%		100% 3%
tetrahydrofuran (THF)	22	111%		111% 0%
1,1,1-trichloroethane	17	86%		91% 6%
1,1-dichloropropene t-amyl-methyl ether (TAME)	18 18	92%		95% 3% 99% 9%
carbon tetrachloride	15	90% 77%		99% 9% 83% 8%
1,2-dichloroethane	18	91%		97% 6%
benzene	19	94%		99% 5%
trichloroethene	19	93%		94% 2%
1,2-dichloropropane	18	92%		95% 3%
bromodichloromethane	16	79%		86% 8%
dibromomethane	19	95%	21 1	03% 8%
4-methyl-2-pentanone (MiBK)	22	109%	23 1	15% 5%
cis-1,3-dichloropropene	17	83%	18	91% 9%
toluene	19	94%		98% 4%
trans-1,3-dichloropropene	15	77%		85% 10%
2-hexanone	20	102%		10% 7%
1,1,2-trichloroethane	19 20	95%		01% 6%
1,3-dichloropropane tetrachloroethene	21	101% 103%		06% 6% 14% 10%
dibromochloromethane	16	79%		37% 10%
1,2-dibromoethane (EDB)	21	106%		12% 6%
chlorobenzene	19	97%		03% 6%
1,1,1,2-tetrachloroethane	18	92%		99% 7%
ethylbenzene	20	100%		07% 6%
m&p-xylenes	41	103%		10% 6%
o-xylene	20	102%	22 1	08% 5%
styrene	20	99%		01% 2%
bromoform	17	86%		94% 9%
Isopropylbenzene	22	108%		11% 3%
1,1,2,2-tetrachloroethane	21	104%		06% 2%
1,2,3-trichloropropane	21	107%		13% 5%
n-propylbenzene bromobenzene	20 20	99% 100%		03% 4% 02% 2%
1,3,5-trimethylbenzene	19	93%		02% 2% 98% 5%
2-chlorotoluene	19	94%		37% 3%
4-chlorotoluene	18	92%		98% 7%
tert-butylbenzene	18	91%		3% 3%
1,2,4-trimethylbenzene	19	93%		99% 7%
sec-butylbenzene	17	83%	17 8	37% 4%
1,3-dichlorobenzene	19	96%	20 9	99% 2%
4-isopropylloluene	18	92%	19 9	6% 5%
1,4-dichlorobenzene	19	95%		98% 4%
1,2-dichlorobenzene	20	98%		04% 6%
n-bulylbenzene	18	89%		93% 5%
1,2-dibromo-3-chloropropane i 1,2,4-trichlorobenzene	23 22	115%		21% 5%
hexachlorobutadiene	22 17	111% 84%		12% 1% 38% 4%
naphthalene	23	84% 116%		22% 5%
1,2,3-trichlorobenzene	23	113%		18% 4%
1,4-dioxane	47	117%		34% * 13%
SURROGATE STANDARDS				
SS dibromofluoromethane		98%	g	7%
SS toluene-D8		97%		18%
SS 4-bromofluorobenzene		104%		07%
Preliminary Acceptance Criteria: I	Recovery 70% - 130%	KPD 20%		

Preliminary Acceptance Criteria: Recovery 70% - 130% RPD 20%

^{*} Indicates compounds known to be problematic. These analytes are more likely to show recovery outside the QC limits.

Lab Number 10426 Batch QC Results	METALS	QC REPORT			
Prep Blank					
		Result	Reporting Limit		
Analyte	Sample ID #	(ug/g)	(ug/g)		
Silver	PBs060106	< 0.35	0.35		
Lead	PBs060106	< 0.5	0.5		
Mercury	PBs060606	< 0.03	0.03		
Laboratory Control	Sample			Vendor	
	•	Result	True	Solid Control	
Analyte	Sample ID #	(ug/g)	Value (ug/g)	Limits (ug/g)	
Silver	LCSss060106	34	38.5	25.1 - 51.9	
Lead	LCSss060106	5400 ·	5111	3753 - 6469	
Mercury	LCSs060606	0.0112	0.0100	N/A	
Laboratory Control	Sample - Duplic	ate		Vendor	
•		Result	True	Solid Control	
Analyte	Sample ID #	(ug/g)	Value (ug/g)	Limits (ug/g)	
Silver	LCSDss060106	30	38.5	25.1 - 51.9	
Lead	LCSDss060106	4700	5111	3753 - 6469	
Mercury	LCSDs060606	0.0110	0.0100	N/A	
Relative Percent Diff	ference				
Analyte		LCS Recovery	LCSD Recovery	RPD	
Silver		34	20	(+/- 20%)	
Lead		5400	30 4700	13	
Mercury		0.0112	0.0110	14 2	
Wordary		0.0112	0.0110	<i>L.</i>	
Sample Spike Data (I	MS)				
•	·	Sample	Spike Sample	Spike	%Recovery
		Result	Result	Amount	Control Limits
	Sample ID #	(ug/g)	(ug/g)	(ug/g)	(75-125%)
Mercury	10426-06MS	0.01	0.23	0.63	34.1%

Lab Number: 10426-50 Sample Designation: Preparation Blank 384 S Date Sampled: N/A Date Extracted: 6/2/06 Date Analyzed: 6/6/06 Matrix: Solid Dilution Factor: 1 Analyst: AJD

POLYAROMATIC HYDROCARBONS SW 846 Method 3550B/8270C.

Percent Solids:

	Concentration	Quantitation Limit
	ug/g dry wt	ug/g dry wt
naphthalene	U	0.5
2-methylnaphthalene	U	0.5
acenaphthylene	U	0.5
acenaphthene	U	0.5
dibenzofuran	U	0.5
fluorene	U	0.5
phenanthrene	U	0.5
anthracene	U	0.5
fluoranthene	U	0.5
pyrene	U	0.5
benzo(a)anthracene	U	0.5
chrysene	U	0.5
benzo(b)fluoranthene	U	0.5
benzo(k)fluoranthene	U	0.5
benzo(a)pyrene	U	0.5
indeno(1,2,3-cd)pyrene	U	0.5
dibenzo(a,h)anthracene	U	0.5
benzo(g,h,i)perylene	U	0.5

100.0%

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
2-fluorobiphenyl	92	43-116
o-terphenyl	98	33-141

Lab Number: 10426-51

Sample Designation: Laboratory Control Sample 384 S

Date Sampled: N/A
Date Extracted: 6/2/06
Date Analyzed: 6/6/06
Matrix: Solid
Dilution Factor: 1
Analyst: AJD
Percent Solids: 100.0%

SEMIVOLATILE ORGANICS SW 846 Method 3550B/8270C.

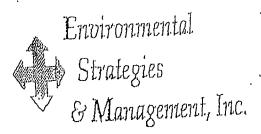
	Amount	Amount		Acceptance
	Found	Added	LCS Recovery	Criteria
	ug/g dry wt	ug/g dry wt	(%)	(%)
naphthalene	1.6	2	80%	40-140
2-methylnaphthalene	1.7	2	85%	40-140
acenaphthylene	1.5	2.	75%	40-140
acenaphthene	1.6	2	80%	40-140
fluorene	1.5	2	75%	40-140
phenanthrene	1.7	2	85%	40-140
anthracene	1.3	2	65%	40-140
fluoranthene	1.7	2	85%	40-140
pyrene	1.4	2	70%	40-140
benzo(a)anthracene	1.4	2	70%	40-140
chrysene	1.5	2	75%	40-140
benzo(b)fluoranthene	1.5	2	75%	40-140
benzo(k)fluoranthene	1.4	2	70%	40-140
benzo(a)pyrene	1.4	2	70%	40-140
indeno(1,2,3-cd)pyrene	1.5	2	75%	40-140
dibenz(a,h)anthracene	1.6	2	80%	40-140
benzo(g,h,i)perylene	1.5	2	75%	40-140

SURROGATE STANDARDS	Recovery	Acceptance Limits
	(%)	(%)
2-fluorobiphenyl	91	43-116
o-terphenyl	99	33-141

9

PAGE

R



From-ES&M

184 West Wain Steel Norton, MA. D2766 (5DB) 285-970D (508) 285-9957 IBN

10. littany , removarer					
Fax: 603-430-2100	Pager	<u> </u>			
Phone:	Date	6/2/06			
Re: Revised Lewis Chain	100	1			
	comme)	☐ Please R	врју	□ Please ?	gacycia Cacycia
* Comments: Neviced Che	æ/n	for	DI	DD (-	lev is
Samples noting	reg	celiste	d	PAK The	, \
ACRA vetals a	nal	15er .	CV(•	
Sediment (5-00	f	Said:	ر	Anti-	NOT
SW04.		TC	•		

From

Priority (24 in) Despective (48	Lab Sample ID (Lab lise 0mly)	Company Address: Company Address: Company Address: Company Address:
DO DO E-Mail	Field ID S \$4.207 * \$4.207 *	[
Address Relipquished by Sampler. Relinquished by: Relinquished by:	(A) (A) (A) (A) (B) (B) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A	
(3)	HCI HNO3 HzSO4 NaOH MeOH MOH	Sec. 5 00 038 LI
SPECIAL INSTRUCTIONS & C. A.	OTHER (Specify) DATE OTHER (Specify)	\$ 5
SHOTHER!	DATE Sampling Signal DATE Sampling Signal DATE Sampling Signal DATE Sampling Signal DATE S	DES MEN
Heceived by: Received by: Recei	VOC 8260 ☐ VOC8015GRO ☐ VOC 8260 ☐ VOC8015GRO ☐ VOC 8260 BTEX, MIBE, Naphtl ☐ VOC 524.2 ☐ VOC 524.2 Nt ☐ TPH Fingerprint ☐ MEDRO	□ VOC 624 Palene only I List □ DRO 8015 □ EPH SC
on S	R082 PCB	s 0 600 F
ON ICE O	☐ RCRA Metals ☐ Priority Po	Illulani Melais TAL Melais S. / J. Tag S. S. S. S. S. S. S. S
YES UNO	☐ Corrosivity ☐ Reactive Ch ☐ TCLP Metals ☐ TCLP VO ☐ TCLP Posticide ☐ TCLP	Herbicides (subcontract)
Date Time	☐ Standard Drinking Water Te	