EMPIRE GEO SERVICES, INC.
A SUBSIDIARY OF SJB SERVICES, INC.

May 12, 2009

New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Attention: Mr. David Szymanski

Reference: Limited Subsurface Investigation
Buffalo Business Park
1800 Broadway Street
Buffalo, New York

Dear Mr. Szymanski:

As per the request and authorization of the New York State Department of Environmental Conservation (NYSDEC), Empire GeoServices, Inc. (Empire) recently completed a limited subsurface investigation at the Buffalo Business Park located at 1800 Broadway Street in the City of Buffalo. The following report summarizes the work completed; subsurface conditions encountered and associated observations; analytical data; and recommendations, if warranted.

I. INTRODUCTION

The project site is located at the Buffalo Business Park at 1800 Broadway Street in the City of Buffalo. A site location map is presented as Figure No. 1 in Attachment A. The business park is partially occupied by commercial and light industrial tenants.

The purpose of the investigation was to assess groundwater quality on the adjoining properties which may have been impacted by the historical uses of the Buffalo Business Park. Specifically, 1770 Broadway Street (Tops Shopping Plaza) and the residential parcel located at the southeast corner of the intersection of Broadway Street and Greene Street were investigated.

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Henrietta, NY 14467
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II. SUBSURFACE INVESTIGATION

Empire's subsurface investigation included the installation and sampling of three bedrock monitoring wells. The well installations were completed by Empire's affiliate, SJB Services, Inc., under the direction of an Empire engineering geologist. At each location, the geologist visually classified the subsurface soil samples and bedrock cores and prepared subsurface logs indicating the soil and bedrock types encountered, indications of potential contamination, and other pertinent observations and information. The locations of the monitoring wells were selected by the NYSDEC and are depicted on the Monitoring Well Location Map (Figure No. 2) presented in Attachment A. Individual subsurface logs are presented in Attachment B.

In general, the subsurface conditions encountered at the monitoring well locations consisted of clay and industrial fills overlying native sands and clays. The vertical extent of the fill materials ranged from two to six feet below grade. Beneath the native soils, dolomitic limestone was encountered at approximately 12.0 to 15.0 feet below grade.

Monitoring well OS-1 was installed from November 20th through November 21st, 2008. Monitoring wells OS-2 and OS-3 were completed from February 26th through March 2nd, 2009. The wells, ranging in depths from 28.3 to 31.4 feet, were advanced using a truck mounted CME-75 drilling rig. Standard drilling techniques were employed to advance 6 ¼" inside diameter hollow stem augers through the overburden soils until auger refusal. Representative soil samples were obtained during the advancement of each boring by driving a 2 inch outside diameter (O.D.) split spoon sampler into the undisturbed soils beneath the augers, utilizing a 140 pound drop hammer freely falling 30 inches. Data regarding the compaction and consistency of the overburden soils are related to the penetration of the split spoon sampler, in accordance with the "Standard Penetration Test" (ASTM D-1586). At auger refusal, a 2-foot deep rock socket was drilled in the bedrock utilizing a 5-7/8 inch O.D. roller bit. A 4 inch I.D. steel casing was grouted into the rock socket to facilitate deeper drilling. The bedrock was cored with a NQ size core barrel until boring termination depth. A protective curb box was installed at each monitoring well location to protect and secure the well. Monitoring well diagrams are presented in Attachment C.

The monitoring wells were developed on March 5th, 2009 by repeated cycles of surging and purging using a PVC bailer in the water column. Approximately 10.0 well volumes were removed from monitoring wells OS-2 and OS-3. Monitoring well OS-1 went dry after two well volumes were purged.

III. ENVIRONMENTAL SCREENING

Auger cuttings and split-spoon soil samples were screened for volatile organic compounds (VOCs) using an Ion Science PhoCheck 1000 Photoionization Detector (PID) equipped with a 10.6 eV lamp. The PID will detect, if present, the aggregate concentration of many VOCs at a practical threshold of approximately 1 to 2 parts per

million (ppm). The soils were also inspected for evidence of environmental degradation (i.e. discoloration, staining, odors, etc.). Other than occasional slightly elevated PID measurements, significant evidence of soil degradation was not observed during any of the subsurface activities. The results of the PID screenings and noted observations are presented on the subsurface logs in Attachment B.

IV. GROUNDWATER ELEVATIONS

Groundwater levels were measured in monitoring wells MW-1 BR through MW-8 BR and OS-1 through OS-3 on April 13, & 15, 2009. The water levels measured on April 13th were performed by others. The April 15th event was completed by Empire. Long-term groundwater pumping for remedial purposes was in progress during the measurements on April 13th. After the water levels were collected on April 13th, the pump in the recovery well was turned off to allow water levels to return to static conditions before the second measurement event on April 15th. A summary of the measured groundwater levels are presented on Table 1 of Attachment D.

V. SAMPLE COLLECTION AND ANALYTICAL TESTING

Groundwater samples were collected from the monitoring wells on March 11, 2009. A minimum of three well volumes was purged from wells OS-2 and OS-3 prior to sampling. Monitoring well OS-1 went dry after approximately two well volumes were purged. All wells were allowed to recover prior to sampling. The collected groundwater samples were analyzed for Target Compound List (TCL) Volatile Organic Compounds. A matrix spike and matrix spike duplicate were also collected as part of this sampling event. A summary of detected VOCs is presented on Table 2 of Attachment D.

All samples were placed into pre-cleaned 40 ml glass vials, labeled with the date, time, and project location, and placed in an iced cooler at approximately 4-degrees Celsius for transport to TestAmerica Laboratories, Inc. (TestAmerica) in Amherst, New York. TestAmerica is a New York State Department of Health (NYSDOH) certified analytical laboratory. Chain-of-custody documentation accompanied the samples. TestAmerica's analytical report is presented in Attachment E.

VI. LABORATORY ANALYTICAL RESULTS

The analytical results for the groundwater samples were compared to New York State Department of Environmental Conservation (NYSDEC) Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations presented in 6NYCRR Part 703.

Fourteen volatile organic compounds (VOCs) were detected in the groundwater sample collected at OS-1. Four of these detections; benzene, cis-1,2-dichloroethene, tetrachloroethene, and trichloroethene exceeded NYSDEC groundwater quality standards. Benzene, cis-1,2-dichloroethene, tetrachloroethene and trichloroethene were detected at 15 parts per billion (ppb), 5.5 ppb, 11 ppb and 5.9 ppb, respectively.

Three of the eight VOCs detections at OS-2 exceeded NYSDEC groundwater quality standards. Tetrachloroethene, trichloroethene and vinyl chloride were detected at 1,200 ppb, 330 ppb and 13 ppb, respectively.

Seven VOCs were detected at OS-3. Only the detection of tetrachloroethene at 15 ppb exceeded NYSDEC groundwater quality standards.

VII. CONCLUSIONS

Several volatile organic compounds were detected in the groundwater samples at concentrations exceeding NYSDEC groundwater quality standards. Most of these detections were slightly above the NYSDEC standards. However, the detections of tetrachloroethene (1,200 ppb) and trichloroethene (330 ppb) at monitoring well OS-2 were significantly higher than the NYSDEC groundwater quality standards (5 ppb).

VIII. CLOSING

This report has been prepared for the exclusive use of the New York State Department of Environmental Conservation for the specific application to the subject site in accordance with generally accepted environmental practices. If you have any questions or require further assistance, please contact our office at 716-649-8110.

Respectfully submitted,
EMPIRE GEOSERVICES, INC.

Stephen J. Bochenek DRS
Stephen J. Bochenek
Engineering Geologist

David R. Steiner
Environmental Services Manager

ATTACHMENT A – FIGURES
ATTACHMENT B – SUBSURFACE LOGS
ATTACHMENT C – MONITORING WELL DIAGRAMS
ATTACHMENT D – SUMMARY TABLES
ATTACHMENT E – TESTAMERICA'S ANALYTICAL REPORT

ATTACHMENT A

Figures

APPROXIMATE SITE LOCATION

N

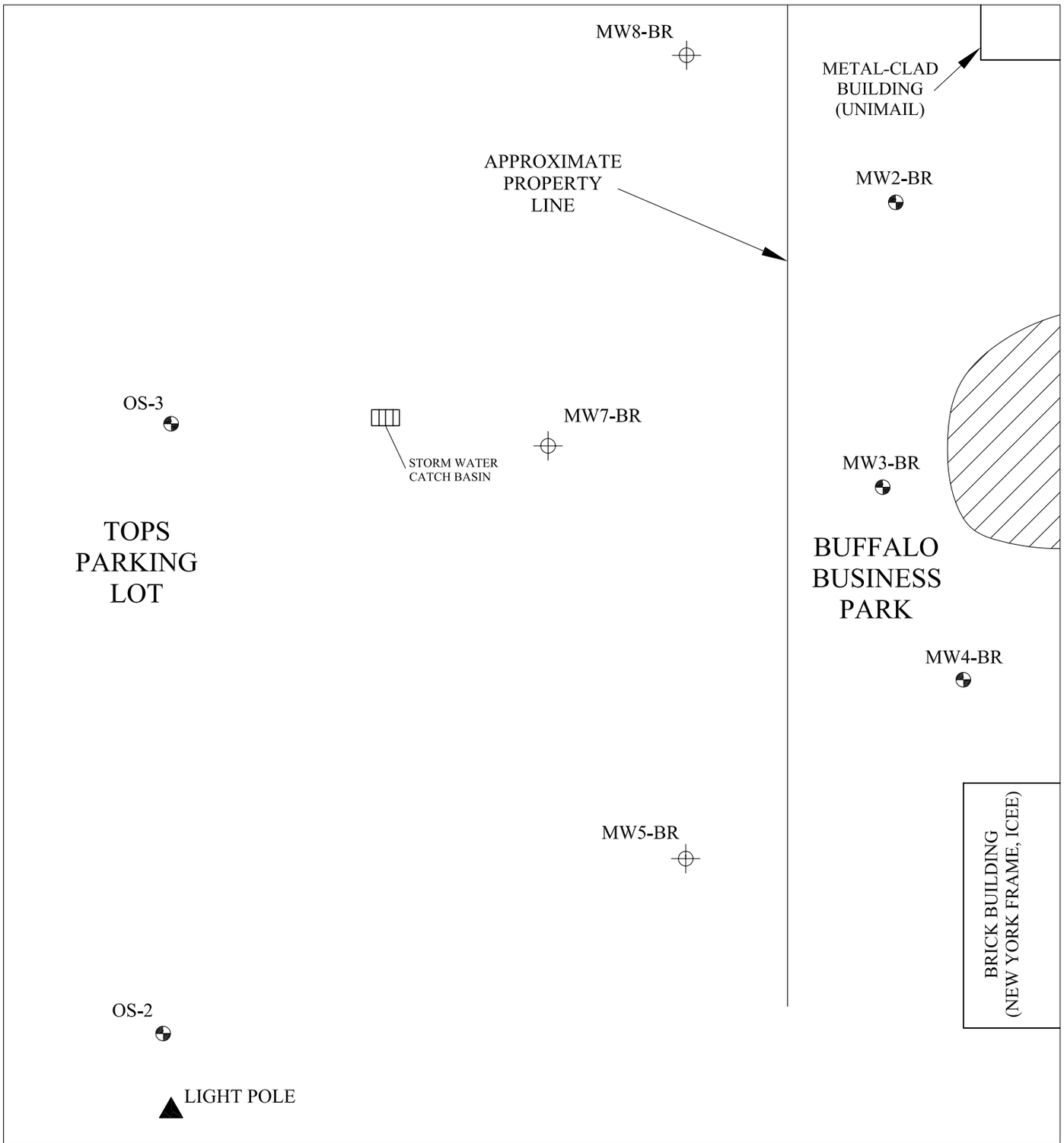
NOTE:
SITE LOCATION PLAN DEVELOPED
FROM MICROSOFT STREETS & TRIPS 2006

EMPIRE GEO SERVICES INC
a subsidiary of SJB Services, Inc.

LIMITED SUBSURFACE INVESTIGATION
BUFFALO BUSINESS PARK
1800 BROADWAY STREET
BUFFALO, NEW YORK

SITE LOCATION PLAN

DR BY: DAT	SCALE: NTS	PROJ NO.: BEV-08-041
CHKD BY: SB	DATE: 04/28/09	FIGURE NO: 1



LEGEND:

OS-1 INDICATES DESIGNATION AND APPROXIMATE LOCATION OF EMPIRE GEO SERVICE'S MONITORING WELL

MW5-BR INDICATES DESIGNATION AND APPROXIMATE LOCATION OF GOLDER MONITORING WELL

NOTE:
FIGURE DEVELOPED FROM PROPOSED MONITORING WELL LOCATIONS PLAN PROVIDED BY GOLDER ASSOCIATES

EMPIRE GEO SERVICES INC
a subsidiary of SJB Services, Inc.

LIMITED SUBSURFACE INVESTIGATION
OFF-SITE MONITORING WELL LOCATION MAP
BUFFALO BUSINESS PARK
1800 BROADWAY STREET
BUFFALO, NEW YORK

SUBSURFACE INVESTIGATION PLAN	DR BY: DAT	SCALE:AS SHOWN	PROJ NO.: BEV-08-041
	CK BY: SB	DATE: 05/04/09	FIGURE NO.: 2

DATE
START 11/20/2008
FINISH 11/21/2008
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. OS-1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BUFFALO OFFICE PARK
PROJ. NO.: BEV-08-041
LOCATION: GREENE/ BAILEY RESIDENCE
BUFFALO, NEW YORK

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	WOH	2			TOPSOIL	
		3	5		5	Brown Silty CLAY, tr. gravel, tr. silt (moist, FILL)	
	2	3	2	50/0.3	REF		Poor Recoveries Sample
						Brown f-c GRAVEL (moist, FILL)	#'s 2 & 3.
5	3	3	4			Brown BRICK and Clayey Silt, little f-c Gravel	
		3	3		7	(moist, FILL)	
	4	4	12			Brown Silty CLAY, some f-c Sand	WOH= Weight of Hammer
		3	4		15	(moist, stiff)	and Rods
	5	3	15			Light Brown f-c SAND, some Silt, tr. gravel	
10		11	8		26	(moist, firm)	REF= Sample Spoon
	6	7	9			Becomes Brown, Contains little fine Gravel	Refusal
		17	17		26		
	7	40	47	50/0.4	REF	Grey f-c gravel sized LIMESTONE Fragments	
							Roller bit from 13.5'-15.0'
15							with 5 7/8" roller bit.
						Grey to Dark Grey Dolomitic LIMESTONE,	
						hard to very hard, slightly weathered to sound,	
						thin bedded to thick bedded, occasional horizontal	
20						fractures, occasional Shale laminations	
25							
30							
						Boring Complete at 31.5'	
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: R. BROWN

DRILL RIG TYPE : CME-85

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 2/26/2009
FINISH 2/27/2009
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. OS-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BUFFALO BUSINESS PARK
PROJ. NO.: BEV-08-041
LOCATION: 1770 BROADWAY STREET
BUFFALO, NEW YORK

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
	1	-	4				ASPHALT (2")	PID= Photoionization
		4	6		8	BG	Grey Fine gravel sized SLAG, some f-c sand sized	Detector
	2	5	10				Slag (moist, FILL)	BG= Background,
		10	12		20	BG	Grey to Brown Silty CLAY, tr. sand, occasional Silt	measured in parts per
5	3	7	12				seams (moist, reworked native soils)	million
		9	12		21	BG	Brown Silty CLAY, tr. sand, occasional vertical	
	4	28	32				desiccation cracks (moist, v. stiff)	
		44	50/0.4		76	BG	Contains tr. gravel, occasional fine Sand partings	
	5	17	9				Light Brown f-m SAND, little fine Gravel, little Silt	Poor Recovery Sample #5
10		12	13		21	BG	(moist, v. compact)	
	6	7	18				Light Brown Silty CLAY, some f-m Sand, little fine	Auger Refusal at 12.0'
		17	17		35	BG	Gravel (moist, v. stiff)	Roller bit from 12'-14' with
	7	50/0.4			REF	BG	Grey f-m SAND, some Silt, little f-c Gravel, occasional	5 7/8" roller bit.
							weathered rock seams (wet, compact)	Water loss at end of 1st run.
15							Contains some fine Gravel (v. compact)	HQ Size Rock Core
							Grey to Dark Grey Dolomitic LIMESTONE, hard to	Run #1 14.0'- 20.7'
							very hard, slightly weathered to sound, bedded to	REC= 95%
							thick bedded, occasional horizontal fractures,	RQD= 94%
							occasional horizontal mechanical breaks	
20								
							Becomes thin bedded to bedded, contains	
							occasional Styolites	Run #2 20.7'- 28.7'
								REC= 97%
								RQD= 90%
25								
30							Boring Complete at 28.7'	
35								
40								

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: R. BROWN

DRILL RIG TYPE : CME-75

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 2/26/2009
FINISH 3/2/2009
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. OS-3
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BUFFALO BUSINESS PARK
PROJ. NO.: BEV-08-041
LOCATION: 1770 BROADWAY STREET
BUFFALO, NEW YORK

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
	1	-	3				ASPHALT (5")	PID= Photoionization
		8	13		11	BG	Grey f-c sand sized SLAG, some f-c gravel sized	Detector
	2	10	16				Slag (moist, FILL)	BG= Background,
		7	7		23	1.2	Brown f-c SAND, little f-c Gravel, little Silt	measured in parts per
5	3	3	5				(moist, FILL)	million
		6	12		11	2.3	Grey Clayey SILT, tr. sand, tr. organics	
	4	14	15				(moist, v. stiff)	
		20	22		25	2.8	Brown Silty CLAY, tr. sand, occasional vertical	
	5	5	8				desiccation cracks (moist, stiff)	
10		13	18		21	3.4	(v. stiff)	
	6	10	11				Contains little f-c Sand, tr. gravel	
		12	15		23	2.0	Contains frequent Silt seams	REF= Sample Spoon
	7	14	14				Becomes Grey, contains some f-c Sand, little fine	Refusal
		16	10		30	1.0	Gravel (moist- wet)	
15	8	3	50/0.5		REF	BG	Grey f-c SAND, some Silty Clay, little f-c Gravel	Auger Refusal at 15.0'
							(moist, v. compact)	Roller bit from 15.0'-17.0'
								with 5 7/8" roller bit.
							Dark Grey Dolomitic LIMESTONE, weathered to	HQ Size Rock Core
							sound, thin bedded to thick bedded, occasional	Run #1 17.0'- 21.0'
20							Shale laminations, medium hard to hard	REC= 96%
								RQD= 87%
								Run #2 21.0'- 31.0'
								REC= 96%
								RQD= 82%
25								
30							Boring Complete at 31.0'	
35								
40								

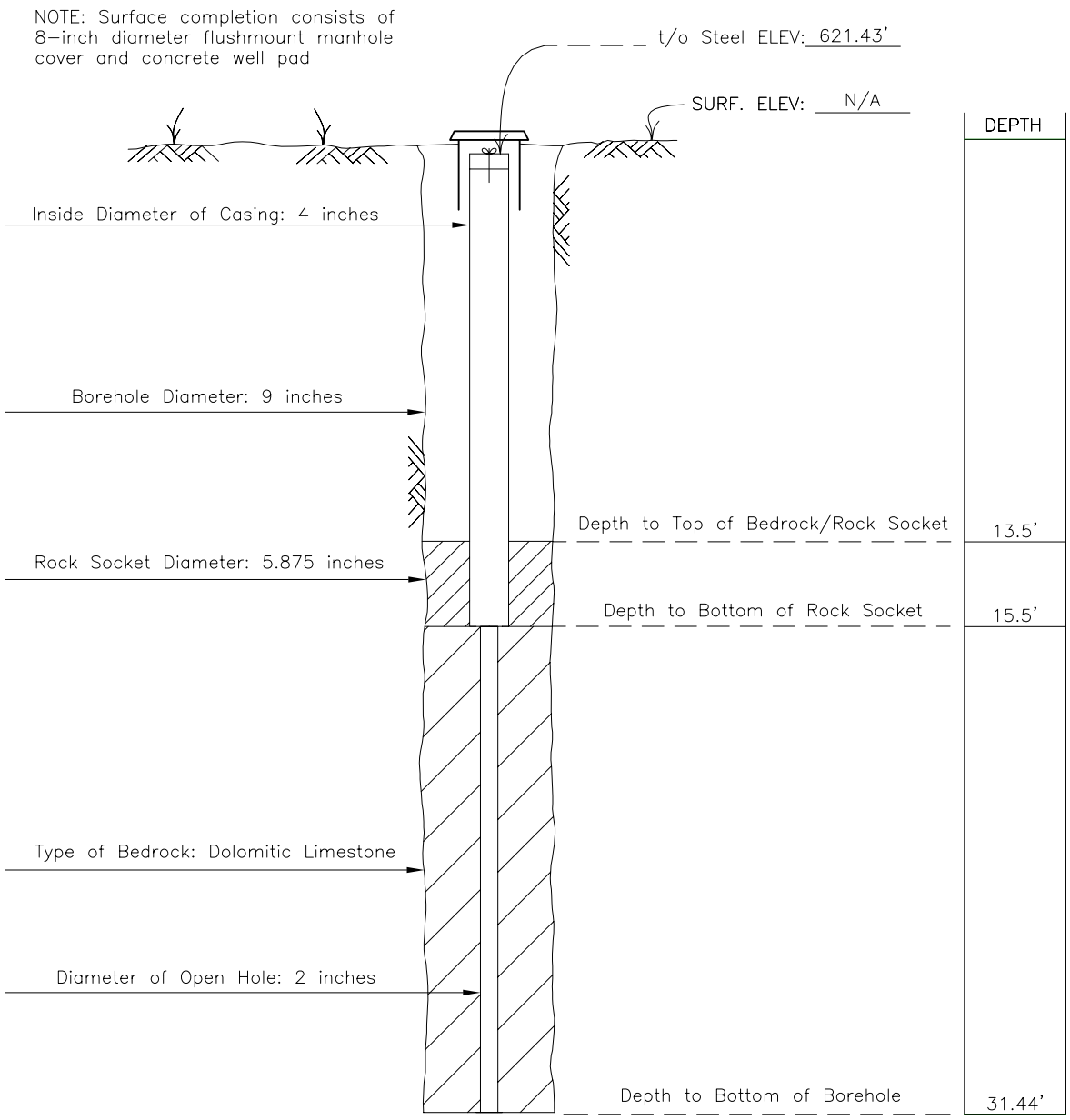
N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: R. BROWN

DRILL RIG TYPE : CME-75

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS



WELL No. OS-1

SJB SERVICES, INC.

Buffalo New York Office
5167 South Park Avenue
Hamburg, New York 14075
phone: (716) 649-8110
fax: (716) 649-8051

SCALE: *not to scale*

DATE INSTALLED: *NOV_2008*

DRAWN BY: *SB*

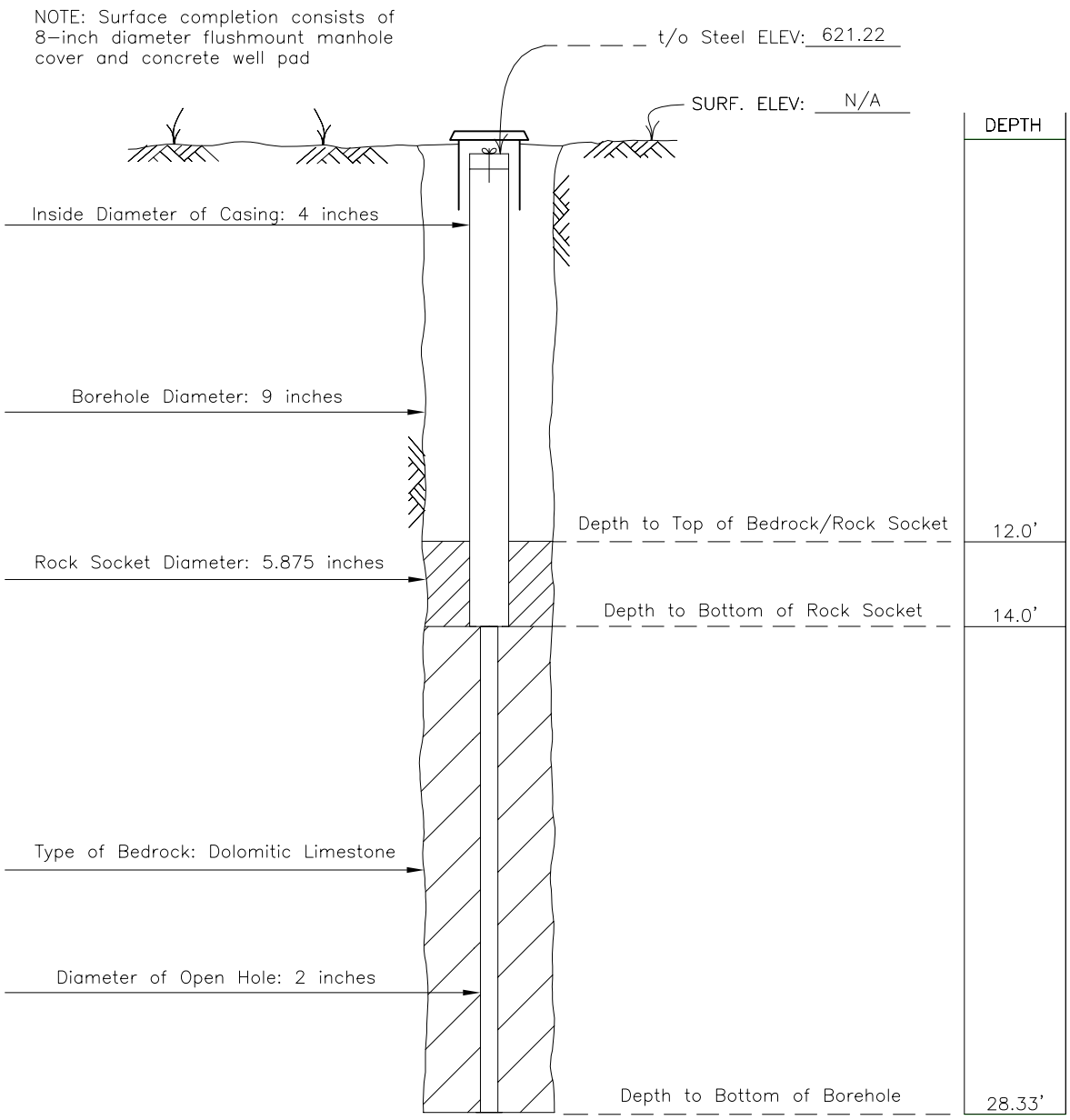
REV'D BY: *DS*

DWG. FILE: *OS-1*

PROJ. No.: *08-041*

MONITORING WELL INSTALLATION DETAIL

LIMITED SUBSURFACE INVESTIGATION
BUFFALO BUSINESS PARK
1800 BROADWAY STREET
BUFFALO, NEW YORK



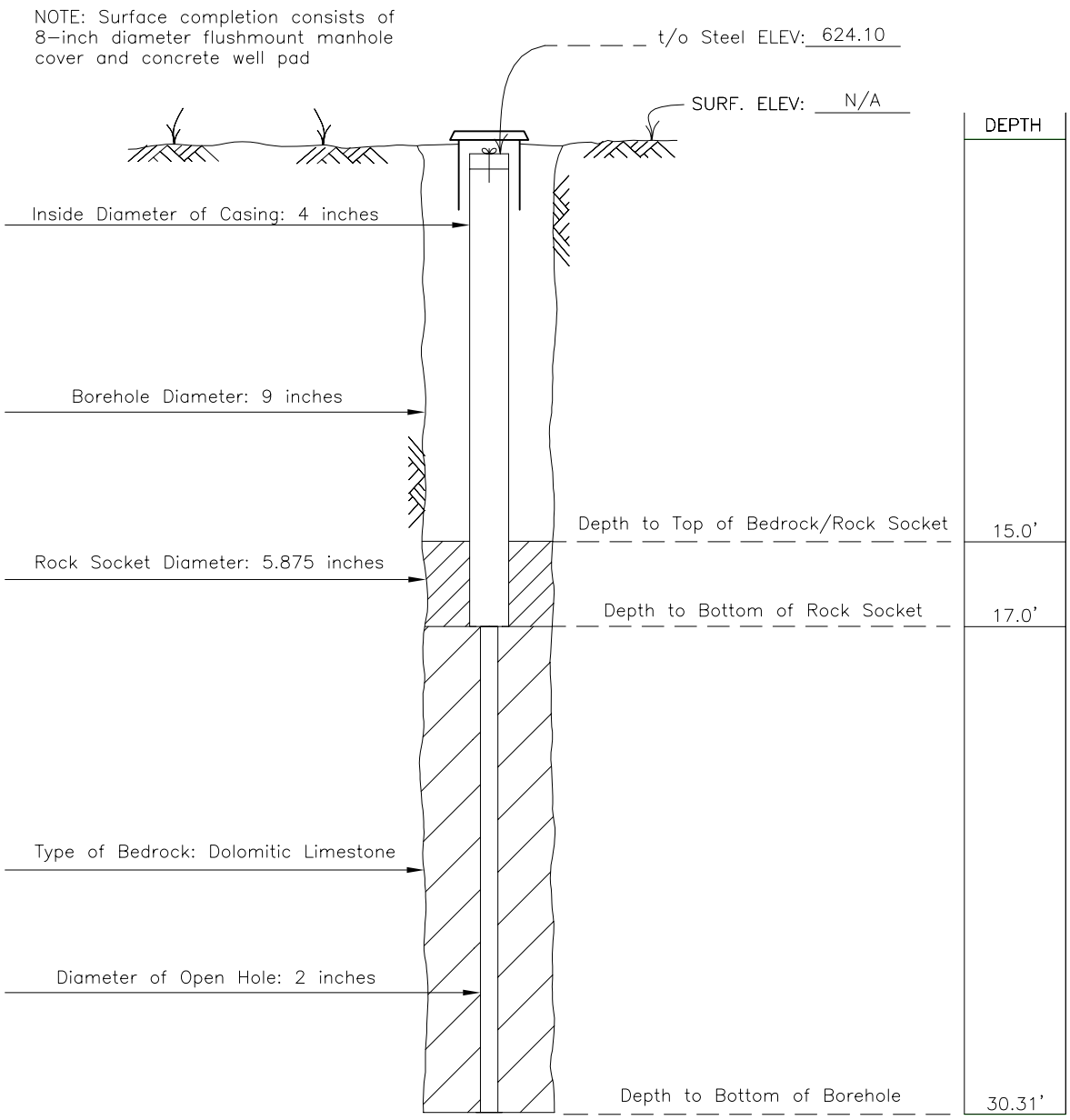
WELL No. OS-2

SJB SERVICES, INC.
Buffalo New York Office
5167 South Park Avenue
Hamburg, New York 14075
phone: (716) 649-8110
fax: (716) 649-8051

MONITORING WELL INSTALLATION DETAIL

LIMITED SUBSURFACE INVESTIGATION
BUFFALO BUSINESS PARK
1800 BROADWAY STREET
BUFFALO, NEW YORK

SCALE:	*not to scale*
DATE INSTALLED:	*FEB_2009*
DRAWN BY:	*SB*
REV'D BY:	*DS*
DWG. FILE:	*OS-2*
PROJ. No.:	*08-041*



WELL No. OS-3

SJB SERVICES, INC.
Buffalo New York Office
5167 South Park Avenue
Hamburg, New York 14075
phone: (716) 649-8110
fax: (716) 649-8051

MONITORING WELL INSTALLATION DETAIL

LIMITED SUBSURFACE INVESTIGATION
BUFFALO BUSINESS PARK
1800 BROADWAY STREET
BUFFALO, NEW YORK

SCALE:	*not to scale*
DATE INSTALLED:	*MAR_2009*
DRAWN BY:	*SB*
REV'D BY:	*DS*
DWG. FILE:	*OS-3*
PROJ. No.:	*08-041*

TABLE 1
BUFFALO BUSINESS PARK
APRIL 2009 GROUNDWATER ELEVATIONS

Monitoring Well Identification	Riser Elevation (ft)	April 13, 2009 Groundwater Level (ft)	April 13, 2009 Groundwater Elevation (ft)	April 15, 2009 Groundwater Level (ft)	April 15, 2009 Groundwater Elevation (ft)	Difference (ft)
MW-1 BR	624.44	5.71	618.73	12.66	611.78	-6.95
MW-2 BR	625.04	6.62	618.42	6.77	618.27	-0.15
MW-3 BR	623.99	8.06	615.93	6.76	617.23	1.3
MW-4 BR	622.79	15.68	607.11	4.17	618.62	11.51
MW-5 BR	622.42	7.44	614.98	5.57	616.85	1.87
MW-6 BR	623.57	10.14	613.43	10.22	613.35	-0.08
MR-7 BR	623.34	7.42	615.92	6.24	617.10	1.18
MW-8 BR	625.87	8.19	617.68	7.79	618.08	0.4
OS-1	621.43	8.56	612.87	8.70	612.73	-0.14
OS-2	621.22	10.48	610.74	10.25	610.97	0.23
OS-3	624.10	8.86	615.24	7.75	616.35	1.11

Notes:
1. April 13, 2009 groundwater levels taken with recovery well on. Water levels taken by others.
2. April 15, 2009 groundwater levels taken with recovery well off. Recovery well turned off after April 13, 2009 groundwater levels were taken. Water levels taken by Empire GeoServices, Inc.
3. MW-4 BR recovery well.
4. April 15, 2009 water level of MW-1 BR confirmed.

TABLE 2
BUFFALO BUSINESS PARK
GROUNDWATER SUMMARY OF DETECTED VOLATILE ORGANIC COMPOUNDS

Analyte	Units	6 NYCRR PART 703 Water Qualtity Standards for Groundwater	LOCATIONS OS-1		OS-2		OS-3	
1,1-Dichloroethene	ug/l	5	ND		1.1		ND	
2-Butanone	ug/l	NS	4.0	J	ND		ND	
Acetone	ug/l	NS	21		ND		ND	
Benzene	ug/l	1	**15**		ND		ND	
Carbon Disulfide	ug/l	60	2.6		0.71	J	0.44	J
cis-1,2-Dichloroethene	ug/l	5	**5.5**		ND		0.84	J
Cyclohexane	ug/l	NS	89		0.73	J	ND	
Ethylbenzene	ug/l	5	1.5		ND		ND	
Isopropylbenzene	ug/l	5	0.23	J	ND		ND	
Methyl-t-Butyl Ether	ug/l	NS	ND		ND		0.27	J
Methylcyclohexane	ug/l	NS	28		0.59	J	1.9	
trans-1,2-Dichlorethene	ug/l	5	0.28	J	3.2		ND	
Tetrachloroethene	ug/l	5	**11**		**1200**	D	**15**	
Toluene	ug/l	5	1.6		ND		ND	
Trichloroethene	ug/l	5	**5.9**		**330**	D	1.1	
Vinyl Chloride	ug/l	2	ND		**13**	D	ND	
Xylenes, Total	ug/l	NS	3.4		ND		0.75	J

Notes:
Water Quality Standards for Groundwater as presented in New York Stated Department of Environmental Conservation, 6 NYCRR Part 703
J- Estimated value
D- Dilution required due to high concentration of target analyte(s)
ND- Analyte analyzed for, but not detected in sample
NS- Not Specified
Bold concentration equals or exceeds water quality standards for groundwater

Analytical Report

Work Order: RSC0376

Project Description

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

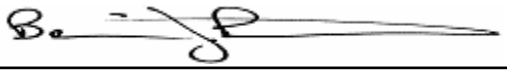
For:

David Szymanski

New York State D.E.C. - Buffalo, NY

270 Michigan Avenue

Buffalo, NY 14203



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Tuesday, March 24, 2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RSC0376

Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Project Number: NYSDEC-0014

Received: 03/11/09
Reported: 03/24/09 11:26

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T10470441208-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department ofEnergy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998103900
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RSC0376

Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Project Number: NYSDEC-0014

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Case Narrative

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Brian Fischer
Project Manager

Tuesday, March 24, 2009

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RSC0376

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DATA QUALIFIERS AND DEFINITIONS

D08	Dilution required due to high concentration of target analyte(s)
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
L5	Analyte recovery outside of specified criteria. Individual analyte criteria exceedences allowed for multi-component analyses without disqualification of data per NELAC Standard, DOD QSM and/or AFCEE QAPP.

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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0376-01 (OS- 2 - Water)						**Sampled: 03/11/09 11:15**			**Recvd: 03/11/09 15:50**	
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethene	1.1		1.0	0.29	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Carbon disulfide	0.71	L1, J	1.0	0.19	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
cis-1,2-Dichloroethene	93		1.0	0.16	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Cyclohexane	0.73	J	1.0	0.53	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Methylcyclohexane	0.59	J	1.0	0.50	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
trans-1,2-Dichloroethene	3.2		1.0	0.13	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Vinyl chloride	13		1.0	0.24	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Sample ID: RSC0376-01RE1 (OS- 2 - Water)						**Sampled: 03/11/09 11:15**			**Recvd: 03/11/09 15:50**	
Volatile Organic Compounds by EPA 8260B										
Tetrachloroethene	1200	D08	40	15	ug/L	40.0	03/23/09 10:35	TRB	9C23005	8260B
Trichloroethene	330	D08	40	7.0	ug/L	40.0	03/23/09 10:35	TRB	9C23005	8260B
Sample ID: RSC0376-02 (OS- 3 - Water)						**Sampled: 03/11/09 12:38**			**Recvd: 03/11/09 15:50**	
Volatile Organic Compounds by EPA 8260B										
Carbon disulfide	0.44	L5, J	1.0	0.19	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
cis-1,2-Dichloroethene	0.84	J	1.0	0.16	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Methyl-t-Butyl Ether (MTBE)	0.27	J	1.0	0.16	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Methylcyclohexane	1.9		1.0	0.50	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Tetrachloroethene	15		1.0	0.36	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Trichloroethene	1.1		1.0	0.18	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Xylenes, total	0.75	J	2.0	0.66	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Sample ID: RSC0376-05 (OS- 1 - Water)						**Sampled: 03/11/09 14:00**			**Recvd: 03/11/09 15:50**	
Volatile Organic Compounds by EPA 8260B										
2-Butanone	4.0	J	5.0	1.3	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Acetone	21		5.0	1.3	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Benzene	15		1.0	0.16	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Carbon disulfide	2.6	L1	1.0	0.19	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
cis-1,2-Dichloroethene	5.5		1.0	0.16	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Cyclohexane	89		1.0	0.53	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Ethylbenzene	1.5		1.0	0.18	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Isopropylbenzene	0.23	J	1.0	0.19	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Methylcyclohexane	28		1.0	0.50	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Tetrachloroethene	11		1.0	0.36	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Toluene	1.6		1.0	0.51	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
trans-1,2-Dichloroethene	0.28	J	1.0	0.13	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Trichloroethene	5.9		1.0	0.18	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Xylenes, total	3.4		2.0	0.66	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Sample ID: RSC0376-06 (TRIP BLANK - Water)						**Sampled: 03/11/09**			**Recvd: 03/11/09 15:50**	
Volatile Organic Compounds by EPA 8260B										
Carbon disulfide	1.3	L1	1.0	0.19	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B

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Sample Summary

SAMPLE IDENTIFICATION	LAB NUMBER	Client Matrix	Date/Time Sampled	Date/Time Received
OS- 2	RSC0376-01	Water	03/11/09 11:15	03/11/09 15:50
OS- 3	RSC0376-02	Water	03/11/09 12:38	03/11/09 15:50
OS- 1	RSC0376-05	Water	03/11/09 14:00	03/11/09 15:50
TRIP BLANK	RSC0376-06	Water	03/11/09	03/11/09 15:50

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Analytical Report

Sample ID: RSC0376-01 (OS- 2 - Water) — **Sampled: 03/11/09 11:15** — **Recvd: 03/11/09 15:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,1-Dichloroethane	ND		1.0	0.75	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,1-Dichloroethene	**1.1**		1.0	0.29	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,2-Dichloropropane	ND		1.0	0.14	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,3-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Benzene	ND		1.0	0.16	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Carbon disulfide	**0.71**	L1, J	1.0	0.19	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
cis-1,2-Dichloroethene	**93**		1.0	0.16	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Cyclohexane	**0.73**	J	1.0	0.53	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Methyl Acetate	ND		1.0	0.17	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Methylcyclohexane	**0.59**	J	1.0	0.50	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
trans-1,2-Dichloroethene	**3.2**		1.0	0.13	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Vinyl chloride	**13**		1.0	0.24	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	03/22/09 14:20	ND	9C22010	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*90 %*						03/22/09 14:20	ND	9C22010	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*93 %*						03/22/09 14:20	ND	9C22010	8260B
Surr: Toluene-d8 (71-126%)	*94 %*						03/22/09 14:20	ND	9C22010	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSC0376-01RE1 (OS- 2 - Water)							**Sampled: 03/11/09 11:15**			**Recvd: 03/11/09 15:50**
Volatile Organic Compounds by EPA 8260B										
Tetrachloroethene	**1200**	D08	40	15	ug/L	40.0	03/23/09 10:35	TRB	9C23005	8260B
Trichloroethene	**330**	D08	40	7.0	ug/L	40.0	03/23/09 10:35	TRB	9C23005	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*93 %*	*D08*					03/23/09 10:35	TRB	9C23005	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*94 %*	*D08*					03/23/09 10:35	TRB	9C23005	8260B
Surr: Toluene-d8 (71-126%)	*95 %*	*D08*					03/23/09 10:35	TRB	9C23005	8260B

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Analytical Report

Sample ID: RSC0376-02 (OS- 3 - Water) — **Sampled: 03/11/09 12:38** — **Recvd: 03/11/09 15:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,1-Dichloroethane	ND		1.0	0.75	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,2-Dichloropropane	ND		1.0	0.14	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,3-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Benzene	ND		1.0	0.16	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Carbon disulfide	**0.44**	L5, J	1.0	0.19	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
cis-1,2-Dichloroethene	**0.84**	J	1.0	0.16	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Methyl Acetate	ND	L5	1.0	0.17	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Methyl-t-Butyl Ether (MTBE)	**0.27**	J	1.0	0.16	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Methylcyclohexane	**1.9**		1.0	0.50	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Tetrachloroethene	**15**		1.0	0.36	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
trans-1,2-Dichloroethene	ND		1.0	0.13	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Trichloroethene	**1.1**		1.0	0.18	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Xylenes, total	**0.75**	J	2.0	0.66	ug/L	1.00	03/23/09 10:58	TRB	9C23005	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*95 %*						03/23/09 10:58	TRB	9C23005	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*97 %*						03/23/09 10:58	TRB	9C23005	8260B
Surr: Toluene-d8 (71-126%)	*98 %*						03/23/09 10:58	TRB	9C23005	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RSC0376

Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Project Number: NYSDEC-0014

Received: 03/11/09
Reported: 03/24/09 11:26

Analytical Report

Sample ID: RSC0376-05 (OS- 1 - Water) — **Sampled: 03/11/09 14:00** — **Recvd: 03/11/09 15:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,1-Dichloroethane	ND		1.0	0.75	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,2-Dichloropropane	ND		1.0	0.14	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,3-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
2-Butanone	**4.0**	J	5.0	1.3	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Acetone	**21**		5.0	1.3	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Benzene	**15**		1.0	0.16	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Carbon disulfide	**2.6**	L1	1.0	0.19	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
cis-1,2-Dichloroethene	**5.5**		1.0	0.16	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Cyclohexane	**89**		1.0	0.53	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Ethylbenzene	**1.5**		1.0	0.18	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Isopropylbenzene	**0.23**	J	1.0	0.19	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Methyl Acetate	ND		1.0	0.17	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Methylcyclohexane	**28**		1.0	0.50	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Tetrachloroethene	**11**		1.0	0.36	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Toluene	**1.6**		1.0	0.51	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
trans-1,2-Dichloroethene	**0.28**	J	1.0	0.13	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Trichloroethene	**5.9**		1.0	0.18	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Xylenes, total	**3.4**		2.0	0.66	ug/L	1.00	03/22/09 15:05	ND	9C22010	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*92 %*						03/22/09 15:05	ND	9C22010	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*93 %*						03/22/09 15:05	ND	9C22010	8260B
Surr: Toluene-d8 (71-126%)	*94 %*						03/22/09 15:05	ND	9C22010	8260B

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Work Order: RSC0376

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Project Number: NYSDEC-0014

Received: 03/11/09
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Analytical Report

Sample ID: RSC0376-06 (TRIP BLANK - Water) — **Sampled: 03/11/09** — **Recvd: 03/11/09 15:50**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.26	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,1-Dichloroethane	ND		1.0	0.75	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	1.0	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,2-Dibromoethane	ND		1.0	0.17	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,2-Dichlorobenzene	ND		1.0	0.20	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,2-Dichloropropane	ND		1.0	0.14	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,3-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
2-Butanone	ND		5.0	1.3	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
4-Methyl-2-pentanone	ND		5.0	0.91	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Acetone	ND		5.0	1.3	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Benzene	ND		1.0	0.16	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Bromomethane	ND		1.0	0.28	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Carbon disulfide	**1.3**	L1	1.0	0.19	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Chlorobenzene	ND		1.0	0.32	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Cyclohexane	ND		1.0	0.53	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Dichlorodifluoromethane	ND		1.0	0.29	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Ethylbenzene	ND		1.0	0.18	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Isopropylbenzene	ND		1.0	0.19	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Methyl Acetate	ND		1.0	0.17	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Methylcyclohexane	ND		1.0	0.50	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Styrene	ND		1.0	0.18	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
trans-1,2-Dichloroethene	ND		1.0	0.13	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Trichloroethene	ND		1.0	0.18	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Trichlorofluoromethane	ND		1.0	0.15	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Vinyl chloride	ND		1.0	0.24	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	03/22/09 15:28	ND	9C22010	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*91 %*						03/22/09 15:28	ND	9C22010	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*95 %*						03/22/09 15:28	ND	9C22010	8260B
Surr: Toluene-d8 (71-126%)	*97 %*						03/22/09 15:28	ND	9C22010	8260B

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SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Volume	Date	Analyst	Extraction Method
Volatile Organic Compounds by EPA 8260B							
8260B	9C22010	RSC0376-01	5.00	5.00	03/22/09 10:26	NMD	5030B MS
8260B	9C23005	RSC0376-01RE1	5.00	5.00	03/23/09 09:19	TRB	5030B MS
8260B	9C23005	RSC0376-02	5.00	5.00	03/23/09 09:19	TRB	5030B MS
8260B	9C22010	RSC0376-05	5.00	5.00	03/22/09 10:26	NMD	5030B MS
8260B	9C22010	RSC0376-06	5.00	5.00	03/22/09 10:26	NMD	5030B MS

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LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifiers
Volatile Organic Compounds by EPA 8260B												
Blank Analyzed: 03/22/09 (9C22010-BLK1)												
1,1,1-Trichloroethane	9C22010			1.0	0.26	ug/L	ND					
1,1,2,2-Tetrachloroethane	9C22010			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane	9C22010			1.0	0.23	ug/L	ND					
1,1,2-Trichloro-1,2,2-trifluoroethane	9C22010			1.0	0.31	ug/L	ND					
1,1-Dichloroethane	9C22010			1.0	0.75	ug/L	ND					
1,1-Dichloroethene	9C22010			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene	9C22010			1.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane	9C22010			1.0	1.0	ug/L	ND					
1,2-Dibromoethane	9C22010			1.0	0.17	ug/L	ND					
1,2-Dichlorobenzene	9C22010			1.0	0.20	ug/L	ND					
1,2-Dichloroethane	9C22010			1.0	0.21	ug/L	ND					
1,2-Dichloropropane	9C22010			1.0	0.14	ug/L	ND					
1,3-Dichlorobenzene	9C22010			1.0	0.16	ug/L	ND					
1,4-Dichlorobenzene	9C22010			1.0	0.16	ug/L	ND					
2-Butanone	9C22010			5.0	1.3	ug/L	ND					
2-Hexanone	9C22010			5.0	1.2	ug/L	ND					
4-Methyl-2-pentanone	9C22010			5.0	0.91	ug/L	ND					
Acetone	9C22010			5.0	1.3	ug/L	ND					
Benzene	9C22010			1.0	0.16	ug/L	ND					
Bromodichloromethane	9C22010			1.0	0.39	ug/L	ND					
Bromoform	9C22010			1.0	0.26	ug/L	ND					
Bromomethane	9C22010			1.0	0.28	ug/L	ND					
Carbon disulfide	9C22010			1.0	0.19	ug/L	ND					
Carbon Tetrachloride	9C22010			1.0	0.27	ug/L	ND					
Chlorobenzene	9C22010			1.0	0.32	ug/L	ND					
Dibromochloromethane	9C22010			1.0	0.32	ug/L	ND					
Chloroethane	9C22010			1.0	0.32	ug/L	ND					
Chloroform	9C22010			1.0	0.34	ug/L	ND					
Chloromethane	9C22010			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene	9C22010			1.0	0.16	ug/L	ND					
cis-1,3-Dichloropropene	9C22010			1.0	0.36	ug/L	ND					
Cyclohexane	9C22010			1.0	0.53	ug/L	ND					
Dichlorodifluoromethane	9C22010			1.0	0.29	ug/L	ND					
Ethylbenzene	9C22010			1.0	0.18	ug/L	ND					
Isopropylbenzene	9C22010			1.0	0.19	ug/L	ND					
Methyl Acetate	9C22010			1.0	0.17	ug/L	ND					
Methyl-t-Butyl Ether (MTBE)	9C22010			1.0	0.16	ug/L	ND					
Methylcyclohexane	9C22010			1.0	0.50	ug/L	ND					
Methylene Chloride	9C22010			1.0	0.44	ug/L	ND					
Styrene	9C22010			1.0	0.18	ug/L	ND					
Tetrachloroethene	9C22010			1.0	0.36	ug/L	ND					
Toluene	9C22010			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene	9C22010			1.0	0.13	ug/L	ND					
trans-1,3-Dichloropropene	9C22010			1.0	0.37	ug/L	ND					
Trichloroethene	9C22010			1.0	0.18	ug/L	ND					

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LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifiers
Volatile Organic Compounds by EPA 8260B												
Blank Analyzed: 03/22/09 (9C22010-BLK1)												
Trichlorofluoromethane	9C22010			1.0	0.15	ug/L	ND					
Vinyl chloride	9C22010			1.0	0.24	ug/L	ND					
Xylenes, total	9C22010			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4						ug/L		*91*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*94*	*73-120*			
Surrogate: Toluene-d8						ug/L		*97*	*71-126*			
Volatile Organic Compounds by EPA 8260B												
LCS Analyzed: 03/22/09 (9C22010-BS1)												
1,1,1-Trichloroethane	9C22010		25	1.0	0.26	ug/L	25.2	101	78-124			
1,1,2,2-Tetrachloroethane	9C22010		25	1.0	0.21	ug/L	26.7	107	70-126			
1,1,2-Trichloroethane	9C22010		25	1.0	0.23	ug/L	25.9	104	76-122			
1,1,2-Trichloro-1,2,2-trifluoroethane	9C22010		25	1.0	0.31	ug/L	28.8	115	60-140			
1,1-Dichloroethane	9C22010		25	1.0	0.75	ug/L	24.8	99	78-120			
1,1-Dichloroethene	9C22010		25	1.0	0.29	ug/L	26.7	107	73-143			
1,2,4-Trichlorobenzene	9C22010		25	1.0	0.41	ug/L	25.4	101	70-122			
1,2-Dibromo-3-chloropropane	9C22010		25	1.0	1.0	ug/L	22.8	91	65-126			
1,2-Dibromoethane	9C22010		25	1.0	0.17	ug/L	25.8	103	80-115			
1,2-Dichlorobenzene	9C22010		25	1.0	0.20	ug/L	25.0	100	79-114			
1,2-Dichloroethane	9C22010		25	1.0	0.21	ug/L	24.2	97	77-122			
1,2-Dichloropropane	9C22010		25	1.0	0.14	ug/L	25.2	101	80-117			
1,3-Dichlorobenzene	9C22010		25	1.0	0.16	ug/L	24.9	99	77-120			
1,4-Dichlorobenzene	9C22010		25	1.0	0.16	ug/L	24.6	99	77-114			
2-Butanone	9C22010		120	5.0	1.3	ug/L	132	106	67-131			
2-Hexanone	9C22010		120	5.0	1.2	ug/L	134	107	65-127			
4-Methyl-2-pentanone	9C22010		120	5.0	0.91	ug/L	132	106	71-125			
Acetone	9C22010		120	5.0	1.3	ug/L	132	105	65-128			
Benzene	9C22010		25	1.0	0.16	ug/L	25.4	102	79-121			
Bromodichloromethane	9C22010		25	1.0	0.39	ug/L	26.1	104	80-122			
Bromoform	9C22010		25	1.0	0.26	ug/L	26.4	106	69-126			
Bromomethane	9C22010		25	1.0	0.28	ug/L	26.5	106	46-148			
Carbon disulfide	9C22010		25	1.0	0.19	ug/L	36.5	146	62-131			L1
Carbon Tetrachloride	9C22010		25	1.0	0.27	ug/L	25.9	104	72-134			
Chlorobenzene	9C22010		25	1.0	0.32	ug/L	24.9	100	79-118			
Dibromochloromethane	9C22010		25	1.0	0.32	ug/L	28.2	113	76-121			
Chloroethane	9C22010		25	1.0	0.32	ug/L	24.2	97	69-136			
Chloroform	9C22010		25	1.0	0.34	ug/L	24.6	99	78-120			
Chloromethane	9C22010		25	1.0	0.35	ug/L	24.3	97	62-126			
cis-1,2-Dichloroethene	9C22010		25	1.0	0.16	ug/L	25.0	100	78-117			
cis-1,3-Dichloropropene	9C22010		25	1.0	0.36	ug/L	27.6	110	79-120			
Cyclohexane	9C22010		25	1.0	0.53	ug/L	28.8	115	78-120			
Dichlorodifluoromethane	9C22010		25	1.0	0.29	ug/L	25.2	101	45-146			
Ethylbenzene	9C22010		25	1.0	0.18	ug/L	25.4	101	81-117			
Isopropylbenzene	9C22010		25	1.0	0.19	ug/L	25.7	103	77-122			
Methyl Acetate	9C22010		25	1.0	0.17	ug/L	16.0	64	60-140			
Methyl-t-Butyl Ether (MTBE)	9C22010		25	1.0	0.16	ug/L	27.7	111	75-129			

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Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Project Number: NYSDEC-0014

Received: 03/11/09
Reported: 03/24/09 11:26

LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifiers
Volatile Organic Compounds by EPA 8260B												
LCS Analyzed: 03/22/09 (9C22010-BS1)												
Methylcyclohexane	9C22010		25	1.0	0.50	ug/L	28.4	114	77-120			
Methylene Chloride	9C22010		25	1.0	0.44	ug/L	27.0	108	61-120			
Styrene	9C22010		25	1.0	0.18	ug/L	29.1	117	81-119			
Tetrachloroethene	9C22010		25	1.0	0.36	ug/L	25.0	100	77-120			
Toluene	9C22010		25	1.0	0.51	ug/L	25.0	100	77-119			
trans-1,2-Dichloroethene	9C22010		25	1.0	0.13	ug/L	25.5	102	79-122			
trans-1,3-Dichloropropene	9C22010		25	1.0	0.37	ug/L	27.3	109	77-119			
Trichloroethene	9C22010		25	1.0	0.18	ug/L	25.3	101	80-121			
Trichlorofluoromethane	9C22010		25	1.0	0.15	ug/L	25.4	102	63-136			
Vinyl chloride	9C22010		25	1.0	0.24	ug/L	25.9	104	68-127			
Xylenes, total	9C22010		75	2.0	0.66	ug/L	76.5	102	80-117			
Surrogate: 1,2-Dichloroethane-d4						ug/L		*91*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*97*	*73-120*			
Surrogate: Toluene-d8						ug/L		*97*	*71-126*			

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LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifiers
Volatile Organic Compounds by EPA 8260B												
Blank Analyzed: 03/23/09 (9C23005-BLK1)												
1,1,1-Trichloroethane	9C23005			1.0	0.26	ug/L	ND					
1,1,2,2-Tetrachloroethane	9C23005			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane	9C23005			1.0	0.23	ug/L	ND					
1,1,2-Trichloro-1,2,2-trifluoroethane	9C23005			1.0	0.31	ug/L	ND					
1,1-Dichloroethane	9C23005			1.0	0.75	ug/L	ND					
1,1-Dichloroethene	9C23005			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene	9C23005			1.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane	9C23005			1.0	1.0	ug/L	ND					
1,2-Dibromoethane	9C23005			1.0	0.17	ug/L	ND					
1,2-Dichlorobenzene	9C23005			1.0	0.20	ug/L	ND					
1,2-Dichloroethane	9C23005			1.0	0.21	ug/L	ND					
1,2-Dichloropropane	9C23005			1.0	0.14	ug/L	ND					
1,3-Dichlorobenzene	9C23005			1.0	0.16	ug/L	ND					
1,4-Dichlorobenzene	9C23005			1.0	0.16	ug/L	ND					
2-Butanone	9C23005			5.0	1.3	ug/L	ND					
2-Hexanone	9C23005			5.0	1.2	ug/L	ND					
4-Methyl-2-pentanone	9C23005			5.0	0.91	ug/L	ND					
Acetone	9C23005			5.0	1.3	ug/L	ND					
Benzene	9C23005			1.0	0.16	ug/L	ND					
Bromodichloromethane	9C23005			1.0	0.39	ug/L	ND					
Bromoform	9C23005			1.0	0.26	ug/L	ND					
Bromomethane	9C23005			1.0	0.28	ug/L	ND					
Carbon disulfide	9C23005			1.0	0.19	ug/L	ND					
Carbon Tetrachloride	9C23005			1.0	0.27	ug/L	ND					
Chlorobenzene	9C23005			1.0	0.32	ug/L	ND					
Dibromochloromethane	9C23005			1.0	0.32	ug/L	ND					
Chloroethane	9C23005			1.0	0.32	ug/L	ND					
Chloroform	9C23005			1.0	0.34	ug/L	ND					
Chloromethane	9C23005			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene	9C23005			1.0	0.16	ug/L	ND					
cis-1,3-Dichloropropene	9C23005			1.0	0.36	ug/L	ND					
Cyclohexane	9C23005			1.0	0.53	ug/L	ND					
Dichlorodifluoromethane	9C23005			1.0	0.29	ug/L	ND					
Ethylbenzene	9C23005			1.0	0.18	ug/L	ND					
Isopropylbenzene	9C23005			1.0	0.19	ug/L	ND					
Methyl Acetate	9C23005			1.0	0.17	ug/L	ND					
Methyl-t-Butyl Ether (MTBE)	9C23005			1.0	0.16	ug/L	ND					
Methylcyclohexane	9C23005			1.0	0.50	ug/L	ND					
Methylene Chloride	9C23005			1.0	0.44	ug/L	ND					
Styrene	9C23005			1.0	0.18	ug/L	ND					
Tetrachloroethene	9C23005			1.0	0.36	ug/L	ND					
Toluene	9C23005			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene	9C23005			1.0	0.13	ug/L	ND					
trans-1,3-Dichloropropene	9C23005			1.0	0.37	ug/L	ND					
Trichloroethene	9C23005			1.0	0.18	ug/L	ND					

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LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifiers
Volatile Organic Compounds by EPA 8260B												
Blank Analyzed: 03/23/09 (9C23005-BLK1)												
Trichlorofluoromethane	9C23005			1.0	0.15	ug/L	ND					
Vinyl chloride	9C23005			1.0	0.24	ug/L	ND					
Xylenes, total	9C23005			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4						ug/L		*92*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*94*	*73-120*			
Surrogate: Toluene-d8						ug/L		*94*	*71-126*			
Volatile Organic Compounds by EPA 8260B												
LCS Analyzed: 03/23/09 (9C23005-BS1)												
1,1,1-Trichloroethane	9C23005		25	1.0	0.26	ug/L	24.0	96	78-124			
1,1,2,2-Tetrachloroethane	9C23005		25	1.0	0.21	ug/L	24.4	98	70-126			
1,1,2-Trichloroethane	9C23005		25	1.0	0.23	ug/L	23.6	94	76-122			
1,1,2-Trichloro-1,2,2-trifluoroethane	9C23005		25	1.0	0.31	ug/L	26.8	107	60-140			
1,1-Dichloroethane	9C23005		25	1.0	0.75	ug/L	23.6	94	78-120			
1,1-Dichloroethene	9C23005		25	1.0	0.29	ug/L	25.0	100	73-143			
1,2,4-Trichlorobenzene	9C23005		25	1.0	0.41	ug/L	22.9	92	70-122			
1,2-Dibromo-3-chloropropane	9C23005		25	1.0	1.0	ug/L	20.6	82	65-126			
1,2-Dibromoethane	9C23005		25	1.0	0.17	ug/L	23.7	95	80-115			
1,2-Dichlorobenzene	9C23005		25	1.0	0.20	ug/L	23.6	94	79-114			
1,2-Dichloroethane	9C23005		25	1.0	0.21	ug/L	22.9	92	77-122			
1,2-Dichloropropane	9C23005		25	1.0	0.14	ug/L	23.7	95	80-117			
1,3-Dichlorobenzene	9C23005		25	1.0	0.16	ug/L	23.8	95	77-120			
1,4-Dichlorobenzene	9C23005		25	1.0	0.16	ug/L	23.9	96	77-114			
2-Butanone	9C23005		120	5.0	1.3	ug/L	124	100	67-131			
2-Hexanone	9C23005		120	5.0	1.2	ug/L	125	100	65-127			
4-Methyl-2-pentanone	9C23005		120	5.0	0.91	ug/L	123	98	71-125			
Acetone	9C23005		120	5.0	1.3	ug/L	124	99	65-128			
Benzene	9C23005		25	1.0	0.16	ug/L	23.9	96	79-121			
Bromodichloromethane	9C23005		25	1.0	0.39	ug/L	24.5	98	80-122			
Bromoform	9C23005		25	1.0	0.26	ug/L	21.8	87	69-126			
Bromomethane	9C23005		25	1.0	0.28	ug/L	27.1	108	46-148			
Carbon disulfide	9C23005		25	1.0	0.19	ug/L	33.8	135	62-131			L5
Carbon Tetrachloride	9C23005		25	1.0	0.27	ug/L	24.5	98	72-134			
Chlorobenzene	9C23005		25	1.0	0.32	ug/L	23.6	94	79-118			
Dibromochloromethane	9C23005		25	1.0	0.32	ug/L	25.4	102	76-121			
Chloroethane	9C23005		25	1.0	0.32	ug/L	24.8	99	69-136			
Chloroform	9C23005		25	1.0	0.34	ug/L	23.8	95	78-120			
Chloromethane	9C23005		25	1.0	0.35	ug/L	24.5	98	62-126			
cis-1,2-Dichloroethene	9C23005		25	1.0	0.16	ug/L	24.0	96	78-117			
cis-1,3-Dichloropropene	9C23005		25	1.0	0.36	ug/L	24.7	99	79-120			
Cyclohexane	9C23005		25	1.0	0.53	ug/L	26.2	105	78-120			
Dichlorodifluoromethane	9C23005		25	1.0	0.29	ug/L	24.2	97	45-146			
Ethylbenzene	9C23005		25	1.0	0.18	ug/L	24.0	96	81-117			
Isopropylbenzene	9C23005		25	1.0	0.19	ug/L	24.5	98	77-122			
Methyl Acetate	9C23005		25	1.0	0.17	ug/L	14.8	59	60-140			L5
Methyl-t-Butyl Ether (MTBE)	9C23005		25	1.0	0.16	ug/L	26.5	106	75-129			

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LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifiers
Volatile Organic Compounds by EPA 8260B												
LCS Analyzed: 03/23/09 (9C23005-BS1)												
Methylcyclohexane	9C23005		25	1.0	0.50	ug/L	25.8	103	77-120			
Methylene Chloride	9C23005		25	1.0	0.44	ug/L	24.2	97	61-120			
Styrene	9C23005		25	1.0	0.18	ug/L	27.6	111	81-119			
Tetrachloroethene	9C23005		25	1.0	0.36	ug/L	23.7	95	77-120			
Toluene	9C23005		25	1.0	0.51	ug/L	23.4	94	77-119			
trans-1,2-Dichloroethene	9C23005		25	1.0	0.13	ug/L	23.7	95	79-122			
trans-1,3-Dichloropropene	9C23005		25	1.0	0.37	ug/L	24.0	96	77-119			
Trichloroethene	9C23005		25	1.0	0.18	ug/L	24.1	96	80-121			
Trichlorofluoromethane	9C23005		25	1.0	0.15	ug/L	24.3	97	63-136			
Vinyl chloride	9C23005		25	1.0	0.24	ug/L	25.5	102	68-127			
Xylenes, total	9C23005		75	2.0	0.66	ug/L	72.4	97	80-117			
Surrogate: 1,2-Dichloroethane-d4						ug/L		*93*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*98*	*73-120*			
Surrogate: Toluene-d8						ug/L		*96*	*71-126*			
Volatile Organic Compounds by EPA 8260B												
Matrix Spike Analyzed: 03/23/09 (9C23005-MS1)												
QC Source Sample: RSC0376-02												
1,1,1-Trichloroethane	9C23005	ND		1.0	0.26	ug/L	ND		78-124			
1,1,2,2-Tetrachloroethane	9C23005	ND		1.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane	9C23005	ND		1.0	0.23	ug/L	ND		76-122			
1,1,2-Trichloro-1,2,2-trifluoroethane	9C23005	ND		1.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane	9C23005	ND		1.0	0.75	ug/L	ND		71-129			
1,1-Dichloroethene	9C23005	ND	25	1.0	0.29	ug/L	24.3	97	73-143			
1,2,4-Trichlorobenzene	9C23005	ND		1.0	0.41	ug/L	ND		70-122			
1,2-Dibromo-3-chloropropane	9C23005	ND		1.0	1.0	ug/L	ND		65-126			
1,2-Dibromoethane	9C23005	ND		1.0	0.17	ug/L	ND		80-115			
1,2-Dichlorobenzene	9C23005	ND		1.0	0.20	ug/L	ND		79-114			
1,2-Dichloroethane	9C23005	ND		1.0	0.21	ug/L	ND		77-122			
1,2-Dichloropropane	9C23005	ND		1.0	0.14	ug/L	ND		80-117			
1,3-Dichlorobenzene	9C23005	ND		1.0	0.16	ug/L	ND		77-120			
1,4-Dichlorobenzene	9C23005	ND		1.0	0.16	ug/L	ND		77-114			
2-Butanone	9C23005	ND		5.0	1.3	ug/L	ND		67-131			
2-Hexanone	9C23005	ND		5.0	1.2	ug/L	ND		65-127			
4-Methyl-2-pentanone	9C23005	ND		5.0	0.91	ug/L	ND		71-125			
Acetone	9C23005	ND		5.0	1.3	ug/L	ND		65-128			
Benzene	9C23005	ND	25	1.0	0.16	ug/L	24.1	97	79-121			
Bromodichloromethane	9C23005	ND		1.0	0.39	ug/L	ND		80-122			
Bromoform	9C23005	ND		1.0	0.26	ug/L	ND		69-126			
Bromomethane	9C23005	ND		1.0	0.28	ug/L	ND		46-148			
Carbon disulfide	9C23005	0.440		1.0	0.19	ug/L	0.330		62-131			J
Carbon Tetrachloride	9C23005	ND		1.0	0.27	ug/L	ND		72-134			
Chlorobenzene	9C23005	ND	25	1.0	0.32	ug/L	23.9	96	79-118			
Dibromochloromethane	9C23005	ND		1.0	0.32	ug/L	ND		76-121			
Chloroethane	9C23005	ND		1.0	0.32	ug/L	ND		69-136			
Chloroform	9C23005	ND		1.0	0.34	ug/L	ND		78-120			
Chloromethane	9C23005	ND		1.0	0.35	ug/L	ND		62-126			

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LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifiers
Volatile Organic Compounds by EPA 8260B												
Matrix Spike Analyzed: 03/23/09 (9C23005-MS1)												
QC Source Sample: RSC0376-02												
cis-1,2-Dichloroethene	9C23005	0.840		1.0	0.16	ug/L	0.770		78-117			J
cis-1,3-Dichloropropene	9C23005	ND		1.0	0.36	ug/L	ND		79-120			
Cyclohexane	9C23005	ND		1.0	0.53	ug/L	ND		78-120			
Dichlorodifluoromethane	9C23005	ND		1.0	0.29	ug/L	ND		45-146			
Ethylbenzene	9C23005	ND		1.0	0.18	ug/L	ND		81-117			
Isopropylbenzene	9C23005	ND		1.0	0.19	ug/L	ND		77-122			
Methyl Acetate	9C23005	ND		1.0	0.17	ug/L	ND		60-140			
Methyl-t-Butyl Ether (MTBE)	9C23005	0.270		1.0	0.16	ug/L	0.240		75-129			J
Methylcyclohexane	9C23005	1.93		1.0	0.50	ug/L	1.81		77-120			
Methylene Chloride	9C23005	ND		1.0	0.44	ug/L	ND		61-120			
Styrene	9C23005	ND		1.0	0.18	ug/L	ND		81-119			
Tetrachloroethene	9C23005	14.9		1.0	0.36	ug/L	13.9		77-120			
Toluene	9C23005	ND	25	1.0	0.51	ug/L	23.8	95	77-119			
trans-1,2-Dichloroethene	9C23005	ND		1.0	0.13	ug/L	ND		79-122			
trans-1,3-Dichloropropene	9C23005	ND		1.0	0.37	ug/L	ND		77-119			
Trichloroethene	9C23005	1.09	25	1.0	0.18	ug/L	25.4	97	80-121			
Trichlorofluoromethane	9C23005	ND		1.0	0.15	ug/L	ND		63-136			
Vinyl chloride	9C23005	ND		1.0	0.24	ug/L	ND		68-127			
Xylenes, total	9C23005	0.750		2.0	0.66	ug/L	0.800		80-117			J
Surrogate: 1,2-Dichloroethane-d4						ug/L		*93*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*95*	*73-120*			
Surrogate: Toluene-d8						ug/L		*95*	*71-126*			
Matrix Spike Dup Analyzed: 03/23/09 (9C23005-MSD1)												
QC Source Sample: RSC0376-02												
1,1,1-Trichloroethane	9C23005	ND		1.0	0.26	ug/L	ND		78-124		15	
1,1,2,2-Tetrachloroethane	9C23005	ND		1.0	0.21	ug/L	ND		70-126		15	
1,1,2-Trichloroethane	9C23005	ND		1.0	0.23	ug/L	ND		76-122		15	
1,1,2-Trichloro-1,2,2-trifluoroethane	9C23005	ND		1.0	0.31	ug/L	ND		60-140		20	
1,1-Dichloroethane	9C23005	ND		1.0	0.75	ug/L	ND		71-129		20	
1,1-Dichloroethene	9C23005	ND	25	1.0	0.29	ug/L	24.2	97	73-143	1	16	
1,2,4-Trichlorobenzene	9C23005	ND		1.0	0.41	ug/L	ND		70-122		20	
1,2-Dibromo-3-chloropropane	9C23005	ND		1.0	1.0	ug/L	ND		65-126		15	
1,2-Dibromoethane	9C23005	ND		1.0	0.17	ug/L	ND		80-115		15	
1,2-Dichlorobenzene	9C23005	ND		1.0	0.20	ug/L	ND		79-114		20	
1,2-Dichloroethane	9C23005	ND		1.0	0.21	ug/L	ND		77-122		20	
1,2-Dichloropropane	9C23005	ND		1.0	0.14	ug/L	ND		80-117		20	
1,3-Dichlorobenzene	9C23005	ND		1.0	0.16	ug/L	ND		77-120		20	
1,4-Dichlorobenzene	9C23005	ND		1.0	0.16	ug/L	ND		77-114		20	
2-Butanone	9C23005	ND		5.0	1.3	ug/L	ND		67-131		20	
2-Hexanone	9C23005	ND		5.0	1.2	ug/L	ND		65-127		15	
4-Methyl-2-pentanone	9C23005	ND		5.0	0.91	ug/L	ND		71-125		35	
Acetone	9C23005	ND		5.0	1.3	ug/L	ND		65-128		15	
Benzene	9C23005	ND	25	1.0	0.16	ug/L	23.7	95	79-121	2	13	
Bromodichloromethane	9C23005	ND		1.0	0.39	ug/L	ND		80-122		15	
Bromoform	9C23005	ND		1.0	0.26	ug/L	ND		69-126		15	

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RSC0376

Project: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Project Number: NYSDEC-0014

Received: 03/11/09
Reported: 03/24/09 11:26

LABORATORY QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	MRL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Qualifiers
Volatile Organic Compounds by EPA 8260B												
Matrix Spike Dup Analyzed: 03/23/09 (9C23005-MSD1)												
QC Source Sample: RSC0376-02												
Bromomethane	9C23005	ND		1.0	0.28	ug/L	ND		46-148		15	
Carbon disulfide	9C23005	0.440		1.0	0.19	ug/L	ND		62-131		15	
Carbon Tetrachloride	9C23005	ND		1.0	0.27	ug/L	ND		72-134		15	
Chlorobenzene	9C23005	ND	25	1.0	0.32	ug/L	23.8	95	79-118	1	25	
Dibromochloromethane	9C23005	ND		1.0	0.32	ug/L	ND		76-121		15	
Chloroethane	9C23005	ND		1.0	0.32	ug/L	ND		69-136		15	
Chloroform	9C23005	ND		1.0	0.34	ug/L	ND		78-120		20	
Chloromethane	9C23005	ND		1.0	0.35	ug/L	ND		62-126		15	
cis-1,2-Dichloroethene	9C23005	0.840		1.0	0.16	ug/L	0.800		78-117	4	15	J
cis-1,3-Dichloropropene	9C23005	ND		1.0	0.36	ug/L	ND		79-120		15	
Cyclohexane	9C23005	ND		1.0	0.53	ug/L	ND		78-120		20	
Dichlorodifluoromethane	9C23005	ND		1.0	0.29	ug/L	ND		45-146		20	
Ethylbenzene	9C23005	ND		1.0	0.18	ug/L	ND		81-117		15	
Isopropylbenzene	9C23005	ND		1.0	0.19	ug/L	ND		77-122		20	
Methyl Acetate	9C23005	ND		1.0	0.17	ug/L	ND		60-140		20	
Methyl-t-Butyl Ether (MTBE)	9C23005	0.270		1.0	0.16	ug/L	0.260		75-129	8	37	J
Methylcyclohexane	9C23005	1.93		1.0	0.50	ug/L	1.89		77-120	4	20	
Methylene Chloride	9C23005	ND		1.0	0.44	ug/L	ND		61-120		15	
Styrene	9C23005	ND		1.0	0.18	ug/L	ND		81-119		20	
Tetrachloroethene	9C23005	14.9		1.0	0.36	ug/L	13.5		77-120	2	20	
Toluene	9C23005	ND	25	1.0	0.51	ug/L	23.4	94	77-119	2	15	
trans-1,2-Dichloroethene	9C23005	ND		1.0	0.13	ug/L	ND		79-122		20	
trans-1,3-Dichloropropene	9C23005	ND		1.0	0.37	ug/L	ND		77-119		15	
Trichloroethene	9C23005	1.09	25	1.0	0.18	ug/L	24.9	95	80-121	2	16	
Trichlorofluoromethane	9C23005	ND		1.0	0.15	ug/L	ND		63-136		20	
Vinyl chloride	9C23005	ND		1.0	0.24	ug/L	ND		68-127		15	
Xylenes, total	9C23005	0.750		2.0	0.66	ug/L	0.830		80-117	4	16	J
Surrogate: 1,2-Dichloroethane-d4						ug/L		*92*	*66-137*			
Surrogate: 4-Bromofluorobenzene						ug/L		*95*	*73-120*			
Surrogate: Toluene-d8						ug/L		*94*	*71-126*			

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC-Region 9; GeoEmpire Services	David Szymanski; Dave Steiner (DEC / Empire Geo Services)	3.11.09	098599
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
270 Michigan Avenue			
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
Buffalo	NY	14203	David Szymanski	Brian Fisher
Project Name and Location (State)	**Carrier/Waybill Number**	
Buffalo Business Park, Buffalo, New York		
Contract/Purchase Order/Quote No.		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: TCL VOCs (Low Level)	Special Instructions/ Conditions of Receipt
OS-2	3.11.09	1115		X						X			3	
OS-3	3.11.09	1238		X						X			9	MS/MSD
OS-1	3.11.09	1400		X						X			3	
Trip blank	2.27.09	-		X						X			1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other DEC 10 Day

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	3.11.09	1510	[signature]	3/11/09	1515
2. Relinquished By	Date	Time	2. Received By	Date	Time
			[signature]		
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

5.0°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy