Analytical Report

Work Order: RTL0888

Project Description

NYSDEC - Vibratech: Site# 915165

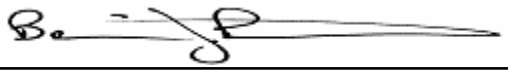
For:

Chad Staniszewski

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

270 Michigan Avenue

Buffalo, NY 14203



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Wednesday, December 29, 2010

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

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Project Number: [none]

Received: 12/10/10
Reported: 12/29/10 10:21

TestAmerica Buffalo
Current Certifications

As of 08/16/2010

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	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA,RCRA	NY200003
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
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.

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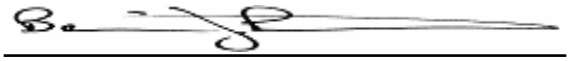
CASE NARRATIVE

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

Wednesday, December 29, 2010

There are pertinent documents appended to this report, 3 pages, are included and are 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.

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DATA QUALIFIERS AND DEFINITIONS

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.

NR Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

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Work Order: RTL0888

Project: NYSDEC - Vibratech: Site# 915165
Project Number: [none]

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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL0888-01 (MW-1-10 - Water)						**Sampled: 12/10/10 13:00**		**Recvd: 12/10/10 13:35**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**15**		1.0	0.82	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,1-Dichloroethane	**11**		1.0	0.38	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Acetone	**3.0**	J	10	3.0	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
cis-1,2-Dichloroethene	**46**		1.0	0.81	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Cyclohexane	**0.70**	J	1.0	0.18	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Trichloroethene	**94**		1.0	0.46	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B

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Project Number: [none]

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Reported: 12/29/10 10:21

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
MW-1-10	RTL0888-01	Water	12/10/10 13:00	12/10/10 13:35	

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL0888-01 (MW-1-10 - Water)						**Sampled: 12/10/10 13:00**		**Recvd: 12/10/10 13:35**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	**15**		1.0	0.82	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,1-Dichloroethane	**11**		1.0	0.38	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,2-Dibromoethane	ND		1.0	0.73	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
2-Butanone	ND		10	1.3	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
4-Methyl-2-pentanone	ND		5.0	2.1	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Acetone	**3.0**	J	10	3.0	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Dibromochloromethane	ND		1.0	0.32	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
cis-1,2-Dichloroethene	**46**		1.0	0.81	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Cyclohexane	**0.70**	J	1.0	0.18	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Trichloroethene	**94**		1.0	0.46	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL0888-01 (MW-1-10 - Water) - cont.							**Sampled: 12/10/10 13:00**		**Recvd: 12/10/10 13:35**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	12/15/10 21:01	DHC	10L1254	8260B
1,2-Dichloroethane-d4	*89 %*		*Surr Limits: (66-137%)*				*12/15/10 21:01*	*DHC*	*10L1254*	*8260B*
4-Bromofluorobenzene	*90 %*		*Surr Limits: (73-120%)*				*12/15/10 21:01*	*DHC*	*10L1254*	*8260B*
Toluene-d8	*88 %*		*Surr Limits: (71-126%)*				*12/15/10 21:01*	*DHC*	*10L1254*	*8260B*

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SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Volatile Organic Compounds by EPA 8260B									
8260B	10L1254	RTL0888-01	5.00	mL	5.00	mL	12/15/10 10:12	DHC	5030B MS

Chain of Custody Record

Temperature on Receipt ____

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: NYSDEC Region 9 - DER	Project Manager: Chad Staniszewski	Date: 12/10/10	Chain of Custody Number: 180207
Address: 270 Michigan Ave.	Telephone Number (Area Code)/Fax Number: 716-851-7220 / 851-7226	Lab Number	Page 1 of 1
City: Buffalo / State: NY / Zip Code: 14203	Site Contact: D. Szymanski	Lab Contact: B. Fisher	Analysis (Attach list if more space is needed)
Project Name and Location (State): 915165 - Vibratech	Carrier/Waybill Number		
Contract/Purchase Order/Quote No: C004305			Special Instructions/ Conditions of Receipt

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.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/ NaOH	Volatile 8260	
MW-1-LD	12/10/10	1300 hrs		✓						2			✓	SS-13-D

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 NYSDEC 30-Day TAT

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	12/10/10	1335 hrs	1. Received By: [signature]	12/10/10	1331
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 5.6°C

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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

STANDBY CONTRACTOR AUTHORIZATION FORM
For Response & Containment, Investigation & Remediation and Laboratory Services Contractors

General Information

Region: 9 **Site No.:** 915165 **CallOut ID:** 115129

CallOut 06/12/2009

Contract No.: C200305 **PIN (if applicable):**

Contractor Selected: TESTAMERICA LABORATORIES, INC. (LAB)

Location of Site: Vibratech Inc., 537 East Delavan, Buffalo (Erie Co.)

SCOPE OF WORK (Provide brief detailed description):

06/12/2009:
Sample up to 17 monitoring wells to determine the presence/concentrations of VOCs and SVOCs in groond water. This sampling is being completed to determine the long term effectiveness of an IRM at the site which included the removal of contaminated soils along a rail spur. The data will also be used to develop a SVI investigation strategy. It is anticipated the following analyses will be completed:

VOC 8260 (Item SS-13-C): Up to 17 samples ($1,600 total)

SVOC 8270c BNA (Item SS-14-C): 2 samples ($400 total)

12/10/2010:
REVISED -
1 VOC (8260) Groundwater Sample (Item SS-13-D) - Add $200 to callout.

ESTIMATED BUDGET: $ 2,200.00

This serves as authorization to incur costs up to the budgeted amount indicated, to perform the scope of work outlined above in connection with the above-referenced spill/site call out number. The contractor is responsible for immediately notifying the DER project manager if it becomes apparent that the scope of work can not be completed within the budget and/or the scope of work should be amended. The contractor should not incur costs that exceed the budget or perform activities outside the scope of work without the verbal or written approval of the DER project manager. The DER project manager must confirm that approval in writing in an amended Standby Contractor Authorization Form signed by the DER project manager and Rep within two business days.

DER Project Manager Name/Title:
DAVID S. SZYMANSKI EPS 1 (Print) (Signature) Date: 12/10/2010

Authorized DER Representative Name/Title:
(Print) (Signature) Date: 12/10/10

Site ID: 915165 – Vibratech, NC.

Weather Conditions
Temp. (°F): ~30°F ↓ windchill
Wind: SW 5-15 mph / 20 mph
Precip.: flurries

Date: 12/10/10
Sampler(s): D. Szymanski – K. Glaser
Laboratory: TAL
Analyses: VOC 8260

Well ID: MW 1-10
Depth to Bottom: 20.66
Depth to Water: 18.64 / 18.62
Well Diameter: 2" PVC Riser

Volume per Purge: ~~0.2~~ ~1.0 gals
3 Volumes = : ~~0.5~~ ~3.0 gals
Purge Start: 1220 hrs Finish: 1235 hrs
Sample Time: 1300 hrs.

Parameters:	Volume Purged (in Gallons)								
	Static								
pH									
Conductivity									
Turbidity		Turbid (> 1000 NTU by Visual)							
Temperature (°F)									
DO									

Comments:

- BAILED w/ Disposable PVC Bailer (New Bailer – Old Turnaround)
- Dry @ ~ 1.2-1.5 gals.
- Minimal Sheen on Water in Bucket.