

Analytical Report

Work Order: RSL0763

Project Description

NYSDEC Spills - ChemCore: Site #915176

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, December 29, 2009

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

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	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
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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Received: 12/17/09
Reported: 12/29/09 12:57

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, December 29, 2009

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

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

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

- 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.
- 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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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0763-01 (SYSTEM INFLUENT - Water)					Sampled: 12/17/09 08:20			Recvd: 12/17/09 09:55		
<u>Volatile Organic Compounds</u>										
1,1,1-Trichloroethane	270	D08	250	36	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,1-Dichloroethane	1300	D08	250	29	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,1-Dichloroethene	43	D08,J	250	43	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
cis-1,2-Dichloroethene	2900	D08	250	29	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Toluene	150	D08,J	250	23	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Trichloroethene	44	D08,J	250	30	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Vinyl chloride	2300	D08	250	37	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624

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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: RSL0763-02 (SYSTEM EFFLUENT - Water)					Sampled: 12/17/09 08:20			Recvd: 12/17/09 09:55		
<u>Volatile Organic Compounds</u>										
1,1-Dichloroethane	0.80	J	5.0	0.59	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
cis-1,2-Dichloroethene	2.3	J	5.0	0.57	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624

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Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
SYSTEM INFLUENT	RSL0763-01	Water	12/17/09 08:20	12/17/09 09:55	
SYSTEM EFFLUENT	RSL0763-02	Water	12/17/09 08:20	12/17/09 09:55	

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Project Number: NYSDEC

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0763-01 (SYSTEM INFLUENT - Water)						Sampled: 12/17/09 08:20		Recvd: 12/17/09 09:55		
<u>Volatile Organic Compounds</u>										
1,1,1-Trichloroethane	270	D08	250	36	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,1,2,2-Tetrachloroethane	ND	D08	250	61	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,1,2-Trichloroethane	ND	D08	250	24	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,1-Dichloroethane	1300	D08	250	29	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,1-Dichloroethene	43	D08,J	250	43	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,2-Dichlorobenzene	ND	D08	250	22	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,2-Dichloroethane	ND	D08	250	30	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,2-Dichloropropane	ND	D08	250	31	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,3-Dichlorobenzene	ND	D08	250	27	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,4-Dichlorobenzene	ND	D08	250	25	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
2-Chloroethyl vinyl ether	ND	D08	1200	180	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Benzene	ND	D08	250	30	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Bromodichloromethane	ND	D08	250	27	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Bromoform	ND	D08	250	23	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Bromomethane	ND	D08	250	60	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Carbon Tetrachloride	ND	D08	250	26	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Chlorobenzene	ND	D08	250	24	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Chlorodibromomethane	ND	D08	250	21	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Chloroethane	ND	D08	250	44	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Chloroform	ND	D08	250	27	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Chloromethane	ND	D08	250	32	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
cis-1,2-Dichloroethene	2900	D08	250	29	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
cis-1,3-Dichloropropene	ND	D08	250	28	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Ethylbenzene	ND	D08	250	23	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Methylene Chloride	ND	D08	250	41	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Tetrachloroethene	ND	D08	250	17	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Toluene	150	D08,J	250	23	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
trans-1,2-Dichloroethene	ND	D08	250	29	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
trans-1,3-Dichloropropene	ND	D08	250	22	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Trichloroethene	44	D08,J	250	30	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Trichlorofluoromethane	ND	D08	250	22	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Vinyl chloride	2300	D08	250	37	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
Xylenes, total	ND	D08	500	54	ug/L	50.0	12/22/09 07:05	TRB	9L21016	624
1,2-Dichloroethane-d4	113 %	D08	Surr Limits: (88-132%)				12/22/09 07:05	TRB	9L21016	624
4-Bromofluorobenzene	98 %	D08	Surr Limits: (78-122%)				12/22/09 07:05	TRB	9L21016	624
Toluene-d8	100 %	D08	Surr Limits: (87-110%)				12/22/09 07:05	TRB	9L21016	624

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Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSL0763-02 (SYSTEM EFFLUENT - Water)						Sampled: 12/17/09 08:20		Recvd: 12/17/09 09:55		
<u>Volatile Organic Compounds</u>										
1,1,1-Trichloroethane	ND		5.0	0.73	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
1,1,2,2-Tetrachloroethane	ND		5.0	1.2	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
1,1-Dichloroethane	0.80	J	5.0	0.59	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
1,1-Dichloroethene	ND		5.0	0.85	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
1,2-Dichloroethane	ND		5.0	0.60	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
1,2-Dichloropropane	ND		5.0	0.61	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
2-Chloroethyl vinyl ether	ND		25	3.7	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Benzene	ND		5.0	0.60	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Bromodichloromethane	ND		5.0	0.54	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Bromoform	ND		5.0	0.47	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Bromomethane	ND		5.0	1.2	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Carbon Tetrachloride	ND		5.0	0.51	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Chlorobenzene	ND		5.0	0.48	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Chlorodibromomethane	ND		5.0	0.41	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Chloroethane	ND		5.0	0.87	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Chloroform	ND		5.0	0.54	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Chloromethane	ND		5.0	0.64	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
cis-1,2-Dichloroethene	2.3	J	5.0	0.57	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
cis-1,3-Dichloropropene	ND		5.0	0.57	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Ethylbenzene	ND		5.0	0.46	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Methylene Chloride	ND		5.0	0.81	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Tetrachloroethene	ND		5.0	0.34	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Toluene	ND		5.0	0.45	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Trichloroethene	ND		5.0	0.60	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Trichlorofluoromethane	ND		5.0	0.45	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Vinyl chloride	ND		5.0	0.75	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
Xylenes, total	ND		10	1.1	ug/L	1.00	12/22/09 07:32	TRB	9L21016	624
<i>1,2-Dichloroethane-d4</i>	<i>107 %</i>		<i>Surr Limits: (88-132%)</i>				<i>12/22/09 07:32</i>	<i>TRB</i>	<i>9L21016</i>	<i>624</i>
<i>4-Bromofluorobenzene</i>	<i>96 %</i>		<i>Surr Limits: (78-122%)</i>				<i>12/22/09 07:32</i>	<i>TRB</i>	<i>9L21016</i>	<i>624</i>
<i>Toluene-d8</i>	<i>99 %</i>		<i>Surr Limits: (87-110%)</i>				<i>12/22/09 07:32</i>	<i>TRB</i>	<i>9L21016</i>	<i>624</i>

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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									
624	9L21016	RSL0763-01	5.00	mL	5.00	mL	12/21/09 12:12	TRB	5030B MS
624	9L21016	RSL0763-02	5.00	mL	5.00	mL	12/21/09 12:12	TRB	5030B MS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt Yes No
Drinking Water? Yes No

Chain of Custody Record

TAL-415N (1/07)

Client: EA Engineering
Address: 16712 Brooklawn Pkwy, Ste 104
City: SYRACUSE State: NY Zip Code: 13211
Project Name and Location (State): Chem Core Buffalo, NY
Contract/Purchase Order/Quote No.: 1147402

Project Manager: Jim Hayward
Telephone Number (Area Code)/Fax Number: 315-431-4610
Site Contact: Dr Von Uderitz Lab Contact: _____
Carrier/Waybill Number: _____

Date: 12/17/09 Chain of Custody Number: 122540
Page: 1 of 1

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives				Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt		
			Water	Soil	Sludge	Other	Unpres	Pres	HOH	ZnAc				
<u>System Influent</u>	<u>12/17/09</u>	<u>0820</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<u>System Effluent</u>	<u>12/17/09</u>	<u>0820</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Dispose 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 _____

1. Retinquished By: [Signature] Date: 12-17-09 Time: 0855
2. Retinquished By: [Signature] Date: _____ Time: _____

3. Retinquished By: _____ Date: _____ Time: _____

Comments: 11.9" same day no ice