FORMER GASTOWN MGP SITE
SITE NO. 915171

2008 LAB REPORTS
FOR THE GROUNDWATER COLLECTION & TREATMENT SYSTEM

Lab reports are missing for August & November 2008.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-0975

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Gastown WWTP

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Charles B. Guzzetta

TestAmerica Laboratories Inc.

Brian J. Fischer
FOR Project Manager

02/11/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8097501	POST-CARBON	GW	01/29/2008	11:35	01/29/2008	12:50
A8097502	PRE-CARBON	GW	01/29/2008	10:55	01/29/2008	12:50

METHODS SUMMARY

Job#: A08-0975

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - SW8463 8260/5 ML	SW8463 8260
METHOD 8021 - VOLATILE ORGANICS - STARS	SW8463 8021
NYSDEC - METHOD 8270 Gastown	SW8463 8270
GASTOWN - METHOD 608 - P.P. PESTICIDES	CFR136 608PEST
Arsenic - Total	MCAWW 200.7
Calcium - Total	MCAWW 200.7
Iron - Total	MCAWW 200.7
Magnesium - Total	MCAWW 200.7
Manganese - Total	MCAWW 200.7
Potassium - Total	MCAWW 200.7
Sodium - Total	MCAWW 200.7
Zinc - Total	MCAWW 200.7
Biochemical Oxygen Demand	SM20 405.1
Chloride	MCAWW 300.0
Cyanide - Total	MCAWW 335.2
Oil & Grease	MCAWW 1664
pH	SM20 150.1
Sulfate	MCAWW 300.0
Total Alkalinity	MCAWW 310.2
Total Dissolved Solids	SM20 160.1
Total Recoverable Phenolics	MCAWW 420.2
Total Suspended Solids	SM20 160.2

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-0975

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-0975
Sample Cooler(s) were received at the following temperature(s); 5.3 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

The analyte Indene was searched for as a tentatively identified compound (TIC's). Analyte was not found.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
FOR Project Manager

2/11/08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
POST-CARBON	A8097501	8270	5.00	012
PRE-CARBON	A8097502	8021	200.00	008
PRE-CARBON	A8097502	8260	100.00	008
PRE-CARBON	A8097502	Chloride	5.00	008
PRE-CARBON	A8097502	Sulfate	5.00	008
PRE-CARBON	A8097502	Total Alkalinity	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

Date: 02/11/2008 Requested Reporting Limits < Lab PQL Page: 1
Time: 11:35:28 Rept: AN1520

The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to lab MDL. It must be noted that results reported below lab standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client RL	Lab PQL
420.4	Total Recoverable Phenolics	MG/L	0.0050	0.010

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: POST-CARBON
Lab Sample ID: A8097501
Date Collected: 01/29/2008
Time Collected: 11:35

Date Received: 01/29/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
1,1,2,2-Tetrachloroethane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
1,1,2-Trichloroethane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
1,1-Dichloroethane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
1,1-Dichloroethene	ND		5	UG/L	8260	02/06/2008 09:16	JLG
1,2-Dichloroethane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
1,2-Dichloroethene (Total)	ND		10	UG/L	8260	02/06/2008 09:16	JLG
1,2-Dichloropropane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
2-Butanone	ND		25	UG/L	8260	02/06/2008 09:16	JLG
2-Hexanone	ND		25	UG/L	8260	02/06/2008 09:16	JLG
4-Methyl-2-pentanone	ND		25	UG/L	8260	02/06/2008 09:16	JLG
Acetone	ND		25	UG/L	8260	02/06/2008 09:16	JLG
Benzene	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Bromodichloromethane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Bromoform	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Bromomethane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Carbon Disulfide	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Carbon Tetrachloride	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Chlorobenzene	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Chloroethane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Chloroform	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Chloromethane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
cis-1,3-Dichloropropene	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Dibromochloromethane	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Ethylbenzene	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Methylene chloride	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Styrene	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Tetrachloroethene	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Toluene	0.6	J	5	UG/L	8260	02/06/2008 09:16	JLG
Total Xylenes	ND		15	UG/L	8260	02/06/2008 09:16	JLG
trans-1,3-Dichloropropene	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Trichloroethene	ND		5	UG/L	8260	02/06/2008 09:16	JLG
Vinyl acetate	ND		25	UG/L	8260	02/06/2008 09:16	JLG
Vinyl chloride	2	J	5	UG/L	8260	02/06/2008 09:16	JLG
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		0.20	UG/L	8021	02/02/2008 14:05	LMW
1,3,5-Trimethylbenzene	ND		0.20	UG/L	8021	02/02/2008 14:05	LMW
Benzene	ND		0.20	UG/L	8021	02/02/2008 14:05	LMW
Ethylbenzene	ND		0.20	UG/L	8021	02/02/2008 14:05	LMW
Isopropylbenzene	ND		0.20	UG/L	8021	02/02/2008 14:05	LMW
m-Xylene	ND		0.40	UG/L	8021	02/02/2008 14:05	LMW
Methyl-t-Butyl Ether (MTBE)	ND		0.40	UG/L	8021	02/02/2008 14:05	LMW
n-Butylbenzene	ND		0.40	UG/L	8021	02/02/2008 14:05	LMW
n-Propylbenzene	ND		0.20	UG/L	8021	02/02/2008 14:05	LMW
o-Xylene	ND		0.20	UG/L	8021	02/02/2008 14:05	LMW
p-Cymene	ND		0.40	UG/L	8021	02/02/2008 14:05	LMW
p-Xylene	ND		0.40	UG/L	8021	02/02/2008 14:05	LMW
sec-Butylbenzene	ND		0.40	UG/L	8021	02/02/2008 14:05	LMW

Sample ID: POST-CARBON
Lab Sample ID: A8097501
Date Collected: 01/29/2008
Time Collected: 11:35

Date Received: 01/29/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	ND		0.20	UG/L	8021	02/02/2008 14:05	LMW
Total Xylenes	ND		0.60	UG/L	8021	02/02/2008 14:05	LMW
NYSDEC - GASTOWN WWTP LIST/8270 - W							
2-Methylnaphthalene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Acenaphthene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Acenaphthylene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Anthracene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Benzo(a)anthracene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Benzo(a)pyrene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Benzo(b)fluoranthene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Benzo(ghi)perylene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Benzo(k)fluoranthene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Biphenyl	ND		47	UG/L	8270	01/31/2008 13:10	RM
Bis(2-ethylhexyl) phthalate	ND		47	UG/L	8270	01/31/2008 13:10	RM
Carbazole	ND		47	UG/L	8270	01/31/2008 13:10	RM
Chrysene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Dibenzo(a,h)anthracene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Dibenzofuran	ND		47	UG/L	8270	01/31/2008 13:10	RM
Fluoranthene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Fluorene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Indene (TIC)	ND		47	UG/L	8270	01/31/2008 13:10	RM
Indeno(1,2,3-cd)pyrene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Naphthalene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Pentachlorophenol	ND		240	UG/L	8270	01/31/2008 13:10	RM
Phenanthrene	ND		47	UG/L	8270	01/31/2008 13:10	RM
Phenol	ND		240	UG/L	8270	01/31/2008 13:10	RM
Pyrene	ND		47	UG/L	8270	01/31/2008 13:10	RM
GASTOWN - AQUEOUS-CFR136 608 - P.P. PESTICIDE							
4,4'-DDD	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
4,4'-DDE	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
4,4'-DDT	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Aldrin	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
alpha-BHC	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
beta-BHC	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Chlordane	ND		0.47	UG/L	608PEST	02/05/2008 15:26	TCH
delta-BHC	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Dieldrin	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Endosulfan I	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Endosulfan II	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Endosulfan Sulfate	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Endrin	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Endrin aldehyde	0.040	BJ	0.047	UG/L	608PEST	02/05/2008 15:26	TCH
gamma-BHC (Lindane)	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Heptachlor	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Heptachlor epoxide	ND		0.047	UG/L	608PEST	02/05/2008 15:26	TCH
Toxaphene	ND		0.94	UG/L	608PEST	02/05/2008 15:26	TCH

Sample ID: POST-CARBON
Lab Sample ID: A8097501
Date Collected: 01/29/2008
Time Collected: 11:35

Date Received: 01/29/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Arsenic - Total	ND		10	UG/L	200.7	01/30/2008 22:21	AH
Iron - Total	288		50.0	UG/L	200.7	01/30/2008 22:21	AH
Manganese - Total	426		3.0	UG/L	200.7	01/30/2008 22:21	AH
Zinc - Total	14.8		10	UG/L	200.7	01/30/2008 22:21	AH
Wet Chemistry Analysis							
Biochemical Oxygen Demand	ND		2.0	MG/L	405.1	01/29/2008 18:00	TL
Cyanide - Total	0.49		0.010	MG/L	335.2	02/05/2008 14:00	ERK
Oil & Grease	ND		5.0	MG/L	1664	02/04/2008 14:00	RMM
pH	7.8		0.50	S.U.	150.1	01/29/2008 18:31	WM
Total Dissolved Solids	928		10	MG/L	160.1	01/29/2008 16:00	WM
Total Recoverable Phenolics	ND		0.0050	MG/L	420.2	01/30/2008 21:28	RLG
Total Suspended Solids	ND		4.0	MG/L	160.2	01/30/2008 21:00	WM

Sample ID: PRE-CARBON
Lab Sample ID: A8097502
Date Collected: 01/29/2008
Time Collected: 10:55

Date Received: 01/29/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
1,1,2,2-Tetrachloroethane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
1,1,2-Trichloroethane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
1,1-Dichloroethane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
1,1-Dichloroethene	ND		500	UG/L	8260	02/06/2008 18:15	TRB
1,2-Dichloroethane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
1,2-Dichloroethene (Total)	ND		1000	UG/L	8260	02/06/2008 18:15	TRB
1,2-Dichloropropane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
2-Butanone	ND		2500	UG/L	8260	02/06/2008 18:15	TRB
2-Hexanone	ND		2500	UG/L	8260	02/06/2008 18:15	TRB
4-Methyl-2-pentanone	ND		2500	UG/L	8260	02/06/2008 18:15	TRB
Acetone	ND		2500	UG/L	8260	02/06/2008 18:15	TRB
Benzene	5400		500	UG/L	8260	02/06/2008 18:15	TRB
Bromodichloromethane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Bromoform	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Bromomethane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Carbon Disulfide	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Carbon Tetrachloride	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Chlorobenzene	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Chloroethane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Chloroform	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Chloromethane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
cis-1,3-Dichloropropene	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Dibromochloromethane	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Ethylbenzene	290	J	500	UG/L	8260	02/06/2008 18:15	TRB
Methylene chloride	110	J	500	UG/L	8260	02/06/2008 18:15	TRB
Styrene	130	J	500	UG/L	8260	02/06/2008 18:15	TRB
Tetrachloroethene	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Toluene	960		500	UG/L	8260	02/06/2008 18:15	TRB
Total Xylenes	240	J	1500	UG/L	8260	02/06/2008 18:15	TRB
trans-1,3-Dichloropropene	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Trichloroethene	ND		500	UG/L	8260	02/06/2008 18:15	TRB
Vinyl acetate	ND		2500	UG/L	8260	02/06/2008 18:15	TRB
Vinyl chloride	ND		500	UG/L	8260	02/06/2008 18:15	TRB
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		6.9	UG/L	8021	02/02/2008 16:43	LMW
1,3,5-Trimethylbenzene	ND		5.9	UG/L	8021	02/02/2008 16:43	LMW
Benzene	4300		4.7	UG/L	8021	02/02/2008 16:43	LMW
Ethylbenzene	260		5.7	UG/L	8021	02/02/2008 16:43	LMW
Isopropylbenzene	ND		5.4	UG/L	8021	02/02/2008 16:43	LMW
m-Xylene	170	1	11	UG/L	8021	02/02/2008 16:43	LMW
Methyl-t-Butyl Ether (MTBE)	ND		8.7	UG/L	8021	02/02/2008 16:43	LMW
n-Butylbenzene	ND		6.2	UG/L	8021	02/02/2008 16:43	LMW
n-Propylbenzene	ND		5.7	UG/L	8021	02/02/2008 16:43	LMW
o-Xylene	ND		5.4	UG/L	8021	02/02/2008 16:43	LMW
p-Cymene	ND		5.9	UG/L	8021	02/02/2008 16:43	LMW
p-Xylene	ND	1	11	UG/L	8021	02/02/2008 16:43	LMW
sec-Butylbenzene	ND		4.1	UG/L	8021	02/02/2008 16:43	LMW

Sample ID: PRE-CARBON
Lab Sample ID: A8097502
Date Collected: 01/29/2008
Time Collected: 10:55

Date Received: 01/29/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	840		7.1	UG/L	8021	02/02/2008 16:43	LMW
Total Xylenes	170		16	UG/L	8021	02/02/2008 16:43	LMW
Metals Analysis							
Calcium - Total	165000		500	UG/L	200.7	01/30/2008 22:38	AH
Iron - Total	607		50.0	UG/L	200.7	01/30/2008 22:38	AH
Magnesium - Total	77600		200	UG/L	200.7	01/30/2008 22:38	AH
Potassium - Total	4420		500	UG/L	200.7	01/31/2008 14:48	AH
Sodium - Total	75900		1000	UG/L	200.7	01/30/2008 22:38	AH
Wet Chemistry Analysis							
Chloride	137		2.5	MG/L	300.0	02/05/2008 08:56	AEG
Sulfate	182		10	MG/L	300.0	01/30/2008 12:41	AEG
Total Alkalinity	400		50.0	MG/L	310.2	01/30/2008 17:01	RLG

[redacted]

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		1-29-08	395969
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
City / State / Zip Code	**Site Contact / Lab Contact**		
Project Name and Location (State)	**Carrier/Waybill Number**		
NYSDEC - GASTOWN			
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: T. METALS	T. FE	CL	SO4	TCL VOAS	GAS VOA	TALK	8270 GAS PP PEST	HEM	PH	TCN
- PRE CARBON	1-29-08	10:55		X							1		X	X									
- PRE CARBON	1-29-08	10:55		X			1								X	X							
- PRE CARBON	1-29-08	10:55		X						8							X	X					
- PRE CARBON	1-29-08	10:55		X			1												X				
- POST CARBON	1-29-08	10:35		X					1				X	X									
- POST CARBON	1-29-08	10:55		X						8							X	X					
- POST CARBON	1-29-08	11:35		X			3													X	X		
- POST CARBON	1-29-08	11:35		X				1														X	
- POST CARBON	1-29-08	11:35		X			1															X	
- POST CARBON	1-29-08	11:35		X							1												X

Special Instructions/ Conditions of Receipt

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_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	1-29-08	12:50	1. Received By	1/12 day	1250
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

5.3°C

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

16/17

[redacted]

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		1-29-08	395968
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
City / State / Zip Code	**Site Contact / Lab Contact**		
Project Name and Location (State)	**Carrier/Waybill Number**		
NYSDEC - CASTOWN			
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: BOD	TDS	TS SOLIDS	T PHENOLS	Special Instructions/ Conditions of Receipt
- POST CARBON	1-29-08	11:35		X			3						X	X	X		
OST CARBON ~~TRIPLICATE~~	1-29-08	11:35		X				1								X	

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_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	1-29-08	12:50	1. Received By	1/2 1/29	1250
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments
5.3°C

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

17/17

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-2001

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Gastown WWTP

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Charles B. Guzzetta

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

03/13/2008

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8200101	POST-CARBON	GW	02/28/2008	09:15	02/28/2008	11:16
A8200102	PRE-CARBON	GW	02/28/2008	09:15	02/28/2008	11:16

METHODS SUMMARY

Job#: A08-2001

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - SW8463 8260/5 ML	SW8463 8260
METHOD 8021 - VOLATILE ORGANICS - STARS	SW8463 8021
Calcium - Total	MCAWW 200.7
Iron - Total	MCAWW 200.7
Magnesium - Total	MCAWW 200.7
Potassium - Total	MCAWW 200.7
Sodium - Total	MCAWW 200.7
Chloride	MCAWW 300.0
Cyanide - Total	MCAWW 335.4
pH	SM20 4500-H+ B
Sulfate	MCAWW 300.0
Total Alkalinity	MCAWW 310.2

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-2001

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-2001
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

3-13-08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
PRE-CARBON	A8200102	Chloride	5.00	008
PRE-CARBON	A8200102	Sulfate	5.00	008
PRE-CARBON	A8200102	Total Alkalinity	7.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: POST-CARBON
Lab Sample ID: A8200101
Date Collected: 02/28/2008
Time Collected: 09:15

Date Received: 02/28/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		5	UG/L	8260	03/12/2008 03:25	ND
1,1,2,2-Tetrachloroethane	ND		5	UG/L	8260	03/12/2008 03:25	ND
1,1,2-Trichloroethane	ND		5	UG/L	8260	03/12/2008 03:25	ND
1,1-Dichloroethane	ND		5	UG/L	8260	03/12/2008 03:25	ND
1,1-Dichloroethene	ND		5	UG/L	8260	03/12/2008 03:25	ND
1,2-Dichloroethane	ND		5	UG/L	8260	03/12/2008 03:25	ND
1,2-Dichloroethene (Total)	ND		10	UG/L	8260	03/12/2008 03:25	ND
1,2-Dichloropropane	ND		5	UG/L	8260	03/12/2008 03:25	ND
2-Butanone	ND		25	UG/L	8260	03/12/2008 03:25	ND
2-Hexanone	ND		25	UG/L	8260	03/12/2008 03:25	ND
4-Methyl-2-pentanone	ND		25	UG/L	8260	03/12/2008 03:25	ND
Acetone	ND		25	UG/L	8260	03/12/2008 03:25	ND
Benzene	ND		5	UG/L	8260	03/12/2008 03:25	ND
Bromodichloromethane	ND		5	UG/L	8260	03/12/2008 03:25	ND
Bromoform	ND		5	UG/L	8260	03/12/2008 03:25	ND
Bromomethane	ND		5	UG/L	8260	03/12/2008 03:25	ND
Carbon Disulfide	ND		5	UG/L	8260	03/12/2008 03:25	ND
Carbon Tetrachloride	ND		5	UG/L	8260	03/12/2008 03:25	ND
Chlorobenzene	ND		5	UG/L	8260	03/12/2008 03:25	ND
Chloroethane	ND		5	UG/L	8260	03/12/2008 03:25	ND
Chloroform	ND		5	UG/L	8260	03/12/2008 03:25	ND
Chloromethane	ND		5	UG/L	8260	03/12/2008 03:25	ND
cis-1,3-Dichloropropene	ND		5	UG/L	8260	03/12/2008 03:25	ND
Dibromochloromethane	ND		5	UG/L	8260	03/12/2008 03:25	ND
Ethylbenzene	ND		5	UG/L	8260	03/12/2008 03:25	ND
Methylene chloride	ND		5	UG/L	8260	03/12/2008 03:25	ND
Styrene	ND		5	UG/L	8260	03/12/2008 03:25	ND
Tetrachloroethene	ND		5	UG/L	8260	03/12/2008 03:25	ND
Toluene	ND		5	UG/L	8260	03/12/2008 03:25	ND
Total Xylenes	ND		15	UG/L	8260	03/12/2008 03:25	ND
trans-1,3-Dichloropropene	ND		5	UG/L	8260	03/12/2008 03:25	ND
Trichloroethene	ND		5	UG/L	8260	03/12/2008 03:25	ND
Vinyl acetate	ND		25	UG/L	8260	03/12/2008 03:25	ND
Vinyl chloride	2	J	5	UG/L	8260	03/12/2008 03:25	ND
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		0.20	UG/L	8021	03/05/2008 17:18	LMW
1,3,5-Trimethylbenzene	ND		0.20	UG/L	8021	03/05/2008 17:18	LMW
Benzene	ND		0.20	UG/L	8021	03/05/2008 17:18	LMW
Ethylbenzene	ND		0.20	UG/L	8021	03/05/2008 17:18	LMW
Isopropylbenzene	ND		0.20	UG/L	8021	03/05/2008 17:18	LMW
m-Xylene	ND		0.40	UG/L	8021	03/05/2008 17:18	LMW
Methyl-t-Butyl Ether (MTBE)	ND		0.40	UG/L	8021	03/05/2008 17:18	LMW
n-Butylbenzene	ND		0.40	UG/L	8021	03/05/2008 17:18	LMW
n-Propylbenzene	ND		0.20	UG/L	8021	03/05/2008 17:18	LMW
o-Xylene	ND		0.20	UG/L	8021	03/05/2008 17:18	LMW
p-Cymene	ND		0.40	UG/L	8021	03/05/2008 17:18	LMW
p-Xylene	ND		0.40	UG/L	8021	03/05/2008 17:18	LMW
sec-Butylbenzene	ND		0.40	UG/L	8021	03/05/2008 17:18	LMW

Sample ID: POST-CARBON
Lab Sample ID: A8200101
Date Collected: 02/28/2008
Time Collected: 09:15

Date Received: 02/28/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	ND		0.20	UG/L	8021	03/05/2008 17:18	LMW
Total Xylenes	ND		0.60	UG/L	8021	03/05/2008 17:18	LMW
Metals Analysis							
Iron - Total	143		50.0	UG/L	200.7	03/03/2008 16:30	TWS
Wet Chemistry Analysis							
Cyanide - Total	0.34		0.010	MG/L	335.4	03/03/2008 11:13	ERK
pH	7.1		0	S.U.	4500-H+ B	02/29/2008 19:45	TL

Sample ID: PRE-CARBON
Lab Sample ID: A8200102
Date Collected: 02/28/2008
Time Collected: 09:15

Date Received: 02/28/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Calcium - Total	166000		500	UG/L	200.7	03/03/2008 16:35	TWS
Iron - Total	586		50.0	UG/L	200.7	03/03/2008 16:35	TWS
Magnesium - Total	74400		200	UG/L	200.7	03/03/2008 16:35	TWS
Potassium - Total	4460		500	UG/L	200.7	03/03/2008 16:35	TWS
Sodium - Total	76200		1000	UG/L	200.7	03/03/2008 16:35	TWS
Wet Chemistry Analysis							
Chloride	140		2.5	MG/L	300.0	03/04/2008 15:37	AEG
Sulfate	190		10	MG/L	300.0	03/04/2008 15:37	AEG
Total Alkalinity	546		70.0	MG/L	310.2	02/29/2008 17:20	RLG

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		2-28-08	388885
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Project Name and Location (State)	**Carrier/Waybill Number**		
NYSDEC - GASTOWN			
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: T. METALS	T. FE	CL	SO4	TALK	GAS ROA	TCL VOA	PH	T CN
PRE CARBON	2-28-08	9:15		X					X				X	X							
PRE CARBON	2-28-08	9:15		X			X								X	X					
PRE CARBON	2-28-08	9:15		X			X										X				
POST CARBON	2-28-08	9:15		X						X								X	X		
POST CARBON	2-28-08	9:15		X			X													X	
POST CARBON	2-28-08	9:15		X					X					X							
POST CARBON	2-28-08	9:15		X							X										X

Special Instructions/ Conditions of Receipt

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 _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	2-28-08	11:16	1. Received By	2/28/08	1116
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

2-0

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

12/12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-3176

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC - Gastown WWTP: Spill# 9213441

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Charles B. Guzzetta

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

04/11/2008

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8317601	POST-CARBON	GW	03/31/2008	09:35	03/31/2008	10:30
A8317602	PRE-CARBON	GW	03/31/2008	09:35	03/31/2008	10:30

METHODS SUMMARY

Job#: A08-3176

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - SW8463 8260/5 ML	SW8463 8260
METHOD 8021 - VOLATILE ORGANICS - STARS	SW8463 8021
Calcium - Total	MCAWW 200.7
Iron - Total	MCAWW 200.7
Magnesium - Total	MCAWW 200.7
Potassium - Total	MCAWW 200.7
Sodium - Total	MCAWW 200.7
Chloride	MCAWW 300.0
Cyanide - Total	MCAWW 335.4
pH	SM20 4500-H+ B
Sulfate	MCAWW 300.0
Total Alkalinity	MCAWW 310.2

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-3176

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-3176
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

4-11-08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
PRE-CARBON	A8317602	Total Alkalinity	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: POST-CARBON
Lab Sample ID: A8317601
Date Collected: 03/31/2008
Time Collected: 09:35

Date Received: 03/31/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
1,1,2,2-Tetrachloroethane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
1,1,2-Trichloroethane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
1,1-Dichloroethane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
1,1-Dichloroethene	ND		5	UG/L	8260	04/08/2008 19:10	TRB
1,2-Dichloroethane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
1,2-Dichloroethene (Total)	ND		10	UG/L	8260	04/08/2008 19:10	TRB
1,2-Dichloropropane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
2-Butanone	ND		25	UG/L	8260	04/08/2008 19:10	TRB
2-Hexanone	ND		25	UG/L	8260	04/08/2008 19:10	TRB
4-Methyl-2-pentanone	ND		25	UG/L	8260	04/08/2008 19:10	TRB
Acetone	ND		25	UG/L	8260	04/08/2008 19:10	TRB
Benzene	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Bromodichloromethane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Bromoform	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Bromomethane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Carbon Disulfide	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Carbon Tetrachloride	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Chlorobenzene	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Chloroethane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Chloroform	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Chloromethane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
cis-1,3-Dichloropropene	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Dibromochloromethane	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Ethylbenzene	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Methylene chloride	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Styrene	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Tetrachloroethene	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Toluene	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Total Xylenes	ND		15	UG/L	8260	04/08/2008 19:10	TRB
trans-1,3-Dichloropropene	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Trichloroethene	ND		5	UG/L	8260	04/08/2008 19:10	TRB
Vinyl acetate	ND		25	UG/L	8260	04/08/2008 19:10	TRB
Vinyl chloride	4	J	5	UG/L	8260	04/08/2008 19:10	TRB
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		0.20	UG/L	8021	04/05/2008 13:29	LMW
1,3,5-Trimethylbenzene	ND		0.20	UG/L	8021	04/05/2008 13:29	LMW
Benzene	ND		0.20	UG/L	8021	04/05/2008 13:29	LMW
Ethylbenzene	ND		0.20	UG/L	8021	04/05/2008 13:29	LMW
Isopropylbenzene	ND		0.20	UG/L	8021	04/05/2008 13:29	LMW
m-Xylene	ND		0.40	UG/L	8021	04/05/2008 13:29	LMW
Methyl-t-Butyl Ether (MTBE)	0.72		0.40	UG/L	8021	04/05/2008 13:29	LMW
n-Butylbenzene	ND		0.40	UG/L	8021	04/05/2008 13:29	LMW
n-Propylbenzene	ND		0.20	UG/L	8021	04/05/2008 13:29	LMW
o-Xylene	ND		0.20	UG/L	8021	04/05/2008 13:29	LMW
p-Cymene	ND		0.40	UG/L	8021	04/05/2008 13:29	LMW
p-Xylene	ND		0.40	UG/L	8021	04/05/2008 13:29	LMW
sec-Butylbenzene	ND		0.40	UG/L	8021	04/05/2008 13:29	LMW

Sample ID: POST-CARBON
Lab Sample ID: A8317601
Date Collected: 03/31/2008
Time Collected: 09:35

Date Received: 03/31/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	ND		0.20	UG/L	8021	04/05/2008 13:29	LMW
Total Xylenes	ND		0.60	UG/L	8021	04/05/2008 13:29	LMW
Metals Analysis							
Iron - Total	85.3		50.0	UG/L	200.7	04/01/2008 19:45	AH
Wet Chemistry Analysis							
Cyanide - Total	0.21		0.010	MG/L	335.4	04/08/2008 12:39	ERK
pH	7.7		0.50	S.U.	4500-H+ B	04/01/2008 10:36	KD

Sample ID: PRE-CARBON
Lab Sample ID: A8317602
Date Collected: 03/31/2008
Time Collected: 09:35

Date Received: 03/31/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Calcium - Total	119000		500	UG/L	200.7	04/01/2008 19:50	AH
Iron - Total	254		50.0	UG/L	200.7	04/01/2008 19:50	AH
Magnesium - Total	44800		200	UG/L	200.7	04/01/2008 19:50	AH
Potassium - Total	4070		500	UG/L	200.7	04/01/2008 19:50	AH
Sodium - Total	54500		1000	UG/L	200.7	04/01/2008 19:50	AH
Wet Chemistry Analysis							
Chloride	2.3		0.50	MG/L	300.0	04/07/2008 14:45	AEG
Sulfate	20.2		2.0	MG/L	300.0	04/07/2008 14:45	AEG
Total Alkalinity	401		50.0	MG/L	310.2	04/05/2008 16:06	RLG

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		3-31-08	393566
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact	
Project Name and Location (State)	Carrier/Waybill Number		
NYS DEC - GASTOWN			
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	T. METALS	T FE	CL	SO4	TALK	GAS VOA	TCL VOA	PH	TCN
PRE CARBON	3-31-08	9:35		X					1				X	X							
PRE CARBON	3-31-08	9:35		X			1								X	X					
PRE CARBON	3-31-08	9:35		X			1										X				
POST CARBON	3-31-08	9:35		X						8								X	X		
POST CARBON	3-31-08	9:35		X			1													X	
POST CARBON	3-31-08	9:35		X					1					X							
POST CARBON	3-31-08	9:35		X							1										X

Special Instructions/ Conditions of Receipt

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 _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3-31-08	1030	1. Received By TAL RJF	3/3/08	1030
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

2.0°C

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

12/12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-4623

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC - Gastown WWTP: Spill# 9213441

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Charles B. Guzzetta

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

05/15/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8462301	POST-CARBON	GW	04/28/2008	10:05	04/28/2008	11:05
A8462302	PRE-CARBON	GW	04/28/2008	09:55	04/28/2008	11:05

METHODS SUMMARY

Job#: A08-4623

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - SW8463 8260/5 ML	SW8463 8260
METHOD 8021 - VOLATILE ORGANICS - STARS	SW8463 8021
NYSDEC - METHOD 8270 Gastown	SW8463 8270
GASTOWN - METHOD 608 - P.P. PESTICIDES	CFR136 608PEST
Arsenic - Total	MCAWW 200.7
Calcium - Total	MCAWW 200.7
Iron - Total	MCAWW 200.7
Magnesium - Total	MCAWW 200.7
Manganese - Total	MCAWW 200.7
Potassium - Total	MCAWW 200.7
Sodium - Total	MCAWW 200.7
Zinc - Total	MCAWW 200.7
Biochemical Oxygen Demand	SM20 5210B
Chloride	MCAWW 300.0
Cyanide - Total	MCAWW 335.4
Oil & Grease	MCAWW 1664
pH	SM20 4500-H+ B
Sulfate	MCAWW 300.0
Sulfate	MCAWW 375.4
Total Alkalinity	MCAWW 310.2
Total Dissolved Solids	SM20 2540C
Total Recoverable Phenolics	MCAWW 420.4
Total Suspended Solids	SM20 2540D

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-4623

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-4623
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Volatile Data

For method 8021, Methyl-t-Butyl Ether exhibited positive bias and a % difference result greater than 15% in the continuing calibration verification shot on 5/1/08. No corrective action was taken, the field sample referencing this standard is non-detect for this analyte.

GC/MS Semivolatile Data

The spike recovery for Pentachlorophenol was above laboratory quality control limits in the Matrix Spike Blank A8B1424004. Since the result was biased high and the analyte was not detected in the sample, no corrective action was performed.

The analyte Indene was analyzed qualitatively using mass spectral searches to determine if the analyte is present. This analyte was not detected in the sample.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

Due to an extreme backlog, sample PRE-CARBON was analyzed for Sulfate by method D-519-90 rather than method 300.0.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

5-20-08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
PRE-CARBON	A8462302	8021	20.00	008
PRE-CARBON	A8462302	8260	10.00	008
PRE-CARBON	A8462302	Sulfate	5.00	008
PRE-CARBON	A8462302	Total Alkalinity	5.00	008
PRE-CARBON	A8462302DL	8021	50.00	008
PRE-CARBON	A8462302DL	8260	50.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

Date: 05/15/2008 Requested Reporting Limits < Lab PQL Page: 1
Time: 11:06:10 Rept: AN1520

The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to lab MDL. It must be noted that results reported below lab standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client RL	Lab PQL
420.4	Total Recoverable Phenolics	MG/L	0.0050	0.010

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: POST-CARBON
Lab Sample ID: A8462301
Date Collected: 04/28/2008
Time Collected: 10:05

Date Received: 04/28/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		5	UG/L	8260	05/08/2008 17:10	LH
1,1,2,2-Tetrachloroethane	ND		5	UG/L	8260	05/08/2008 17:10	LH
1,1,2-Trichloroethane	ND		5	UG/L	8260	05/08/2008 17:10	LH
1,1-Dichloroethane	ND		5	UG/L	8260	05/08/2008 17:10	LH
1,1-Dichloroethene	ND		5	UG/L	8260	05/08/2008 17:10	LH
1,2-Dichloroethane	ND		5	UG/L	8260	05/08/2008 17:10	LH
1,2-Dichloroethene (Total)	ND		10	UG/L	8260	05/08/2008 17:10	LH
1,2-Dichloropropane	ND		5	UG/L	8260	05/08/2008 17:10	LH
2-Butanone	ND		25	UG/L	8260	05/08/2008 17:10	LH
2-Hexanone	ND		25	UG/L	8260	05/08/2008 17:10	LH
4-Methyl-2-pentanone	ND		25	UG/L	8260	05/08/2008 17:10	LH
Acetone	ND		25	UG/L	8260	05/08/2008 17:10	LH
Benzene	ND		5	UG/L	8260	05/08/2008 17:10	LH
Bromodichloromethane	ND		5	UG/L	8260	05/08/2008 17:10	LH
Bromoform	ND		5	UG/L	8260	05/08/2008 17:10	LH
Bromomethane	ND		5	UG/L	8260	05/08/2008 17:10	LH
Carbon Disulfide	ND		5	UG/L	8260	05/08/2008 17:10	LH
Carbon Tetrachloride	ND		5	UG/L	8260	05/08/2008 17:10	LH
Chlorobenzene	ND		5	UG/L	8260	05/08/2008 17:10	LH
Chloroethane	ND		5	UG/L	8260	05/08/2008 17:10	LH
Chloroform	ND		5	UG/L	8260	05/08/2008 17:10	LH
Chloromethane	ND		5	UG/L	8260	05/08/2008 17:10	LH
cis-1,3-Dichloropropene	ND		5	UG/L	8260	05/08/2008 17:10	LH
Dibromochloromethane	ND		5	UG/L	8260	05/08/2008 17:10	LH
Ethylbenzene	ND		5	UG/L	8260	05/08/2008 17:10	LH
Methylene chloride	ND		5	UG/L	8260	05/08/2008 17:10	LH
Styrene	ND		5	UG/L	8260	05/08/2008 17:10	LH
Tetrachloroethene	ND		5	UG/L	8260	05/08/2008 17:10	LH
Toluene	ND		5	UG/L	8260	05/08/2008 17:10	LH
Total Xylenes	ND		15	UG/L	8260	05/08/2008 17:10	LH
trans-1,3-Dichloropropene	ND		5	UG/L	8260	05/08/2008 17:10	LH
Trichloroethene	ND		5	UG/L	8260	05/08/2008 17:10	LH
Vinyl acetate	ND		25	UG/L	8260	05/08/2008 17:10	LH
Vinyl chloride	3	J	5	UG/L	8260	05/08/2008 17:10	LH
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		0.20	UG/L	8021	04/29/2008 18:31	LMW
1,3,5-Trimethylbenzene	ND		0.20	UG/L	8021	04/29/2008 18:31	LMW
Benzene	ND		0.20	UG/L	8021	04/29/2008 18:31	LMW
Ethylbenzene	ND		0.20	UG/L	8021	04/29/2008 18:31	LMW
Isopropylbenzene	ND		0.20	UG/L	8021	04/29/2008 18:31	LMW
m-Xylene	ND		0.40	UG/L	8021	04/29/2008 18:31	LMW
Methyl-t-Butyl Ether (MTBE)	1.0		0.40	UG/L	8021	04/29/2008 18:31	LMW
n-Butylbenzene	ND		0.40	UG/L	8021	04/29/2008 18:31	LMW
n-Propylbenzene	ND		0.20	UG/L	8021	04/29/2008 18:31	LMW
o-Xylene	ND		0.20	UG/L	8021	04/29/2008 18:31	LMW
p-Cymene	ND		0.40	UG/L	8021	04/29/2008 18:31	LMW
p-Xylene	ND		0.40	UG/L	8021	04/29/2008 18:31	LMW
sec-Butylbenzene	ND		0.40	UG/L	8021	04/29/2008 18:31	LMW

Sample ID: POST-CARBON
Lab Sample ID: A8462301
Date Collected: 04/28/2008
Time Collected: 10:05

Date Received: 04/28/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	ND		0.20	UG/L	8021	04/29/2008 18:31	LMW
Total Xylenes	ND		0.60	UG/L	8021	04/29/2008 18:31	LMW
NYSDEC - GASTOWN WWTP LIST/8270 - W							
2-Methylnaphthalene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Acenaphthene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Acenaphthylene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Anthracene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Benzo(a)anthracene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Benzo(a)pyrene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Benzo(b)fluoranthene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Benzo(ghi)perylene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Benzo(k)fluoranthene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Biphenyl	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Bis(2-ethylhexyl) phthalate	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Carbazole	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Chrysene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Dibenzo(a,h)anthracene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Dibenzofuran	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Fluoranthene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Fluorene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Indene (TIC)	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Indeno(1,2,3-cd)pyrene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Naphthalene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Pentachlorophenol	ND		47	UG/L	8270	04/30/2008 11:38	MD
Phenanthrene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
Phenol	ND		47	UG/L	8270	04/30/2008 11:38	MD
Pyrene	ND		9.4	UG/L	8270	04/30/2008 11:38	MD
GASTOWN - AQUEOUS-CFR136 608 - P.P. PESTICIDE							
4,4'-DDD	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
4,4'-DDE	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
4,4'-DDT	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Aldrin	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
alpha-BHC	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
beta-BHC	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Chlordane	ND		0.47	UG/L	608PEST	05/03/2008 00:11	TCH
delta-BHC	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Dieldrin	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Endosulfan I	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Endosulfan II	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Endosulfan Sulfate	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Endrin	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Endrin aldehyde	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
gamma-BHC (Lindane)	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Heptachlor	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Heptachlor epoxide	ND		0.047	UG/L	608PEST	05/03/2008 00:11	TCH
Toxaphene	ND		0.94	UG/L	608PEST	05/03/2008 00:11	TCH

Sample ID: POST-CARBON
Lab Sample ID: A8462301
Date Collected: 04/28/2008
Time Collected: 10:05

Date Received: 04/28/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Arsenic - Total	ND		10	UG/L	200.7	04/29/2008 14:01	AH
Iron - Total	160		50.0	UG/L	200.7	04/29/2008 14:01	AH
Manganese - Total	270		3.0	UG/L	200.7	04/29/2008 14:01	AH
Zinc - Total	11.2		10	UG/L	200.7	04/29/2008 14:01	AH
Wet Chemistry Analysis							
Biochemical Oxygen Demand	ND		2.0	MG/L	5210B	04/29/2008 15:45	TL
Cyanide - Total	0.33		0.010	MG/L	335.4	05/01/2008 08:31	ERK
Oil & Grease	ND		5.0	MG/L	1664	05/01/2008 10:30	RMM
pH	7.5		0.50	S.U.	4500-H+ B	04/29/2008 21:52	WM
Total Dissolved Solids	746		10	MG/L	2540C	04/30/2008 11:00	JM
Total Recoverable Phenolics	ND		0.0050	MG/L	420.4	05/07/2008 23:22	RLG
Total Suspended Solids	ND		4.0	MG/L	2540D	04/30/2008 18:00	WM

Sample ID: PRE-CARBON
Lab Sample ID: A8462302
Date Collected: 04/28/2008
Time Collected: 09:55

Date Received: 04/28/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		50	UG/L	8260	05/09/2008 07:06	ND
1,1,2,2-Tetrachloroethane	ND		50	UG/L	8260	05/09/2008 07:06	ND
1,1,2-Trichloroethane	ND		50	UG/L	8260	05/09/2008 07:06	ND
1,1-Dichloroethane	ND		50	UG/L	8260	05/09/2008 07:06	ND
1,1-Dichloroethene	ND		50	UG/L	8260	05/09/2008 07:06	ND
1,2-Dichloroethane	ND		50	UG/L	8260	05/09/2008 07:06	ND
1,2-Dichloroethene (Total)	ND		100	UG/L	8260	05/09/2008 07:06	ND
1,2-Dichloropropane	ND		50	UG/L	8260	05/09/2008 07:06	ND
2-Butanone	ND		250	UG/L	8260	05/09/2008 07:06	ND
2-Hexanone	ND		250	UG/L	8260	05/09/2008 07:06	ND
4-Methyl-2-pentanone	ND		250	UG/L	8260	05/09/2008 07:06	ND
Acetone	ND		250	UG/L	8260	05/09/2008 07:06	ND
Benzene	2000	E	50	UG/L	8260	05/09/2008 07:06	ND
Bromodichloromethane	ND		50	UG/L	8260	05/09/2008 07:06	ND
Bromoform	ND		50	UG/L	8260	05/09/2008 07:06	ND
Bromomethane	ND		50	UG/L	8260	05/09/2008 07:06	ND
Carbon Disulfide	ND		50	UG/L	8260	05/09/2008 07:06	ND
Carbon Tetrachloride	ND		50	UG/L	8260	05/09/2008 07:06	ND
Chlorobenzene	ND		50	UG/L	8260	05/09/2008 07:06	ND
Chloroethane	ND		50	UG/L	8260	05/09/2008 07:06	ND
Chloroform	ND		50	UG/L	8260	05/09/2008 07:06	ND
Chloromethane	ND		50	UG/L	8260	05/09/2008 07:06	ND
cis-1,3-Dichloropropene	ND		50	UG/L	8260	05/09/2008 07:06	ND
Dibromochloromethane	ND		50	UG/L	8260	05/09/2008 07:06	ND
Ethylbenzene	120		50	UG/L	8260	05/09/2008 07:06	ND
Methylene chloride	ND		50	UG/L	8260	05/09/2008 07:06	ND
Styrene	68		50	UG/L	8260	05/09/2008 07:06	ND
Tetrachloroethene	ND		50	UG/L	8260	05/09/2008 07:06	ND
Toluene	380		50	UG/L	8260	05/09/2008 07:06	ND
Total Xylenes	130	J	150	UG/L	8260	05/09/2008 07:06	ND
trans-1,3-Dichloropropene	ND		50	UG/L	8260	05/09/2008 07:06	ND
Trichloroethene	ND		50	UG/L	8260	05/09/2008 07:06	ND
Vinyl acetate	ND		250	UG/L	8260	05/09/2008 07:06	ND
Vinyl chloride	ND		50	UG/L	8260	05/09/2008 07:06	ND
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	10		0.69	UG/L	8021	04/30/2008 13:55	LMW
1,3,5-Trimethylbenzene	ND		0.59	UG/L	8021	04/30/2008 13:55	LMW
Benzene	1600	E	0.47	UG/L	8021	04/30/2008 13:55	LMW
Ethylbenzene	100		0.57	UG/L	8021	04/30/2008 13:55	LMW
Isopropylbenzene	ND		0.54	UG/L	8021	04/30/2008 13:55	LMW
m-Xylene	79	1	1.1	UG/L	8021	04/30/2008 13:55	LMW
Methyl-t-Butyl Ether (MTBE)	ND		0.87	UG/L	8021	04/30/2008 13:55	LMW
n-Butylbenzene	ND		0.62	UG/L	8021	04/30/2008 13:55	LMW
n-Propylbenzene	ND		0.57	UG/L	8021	04/30/2008 13:55	LMW
o-Xylene	130		0.54	UG/L	8021	04/30/2008 13:55	LMW
p-Cymene	ND		0.59	UG/L	8021	04/30/2008 13:55	LMW
p-Xylene	ND	1	1.1	UG/L	8021	04/30/2008 13:55	LMW
sec-Butylbenzene	ND		0.41	UG/L	8021	04/30/2008 13:55	LMW

Sample ID: PRE-CARBON
Lab Sample ID: A8462302
Date Collected: 04/28/2008
Time Collected: 09:55

Date Received: 04/28/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	330		0.71	UG/L	8021	04/30/2008 13:55	LMW
Total Xylenes	210		1.6	UG/L	8021	04/30/2008 13:55	LMW
Metals Analysis							
Calcium - Total	121000		500	UG/L	200.7	04/29/2008 14:06	AH
Iron - Total	712		50.0	UG/L	200.7	04/29/2008 14:06	AH
Magnesium - Total	52500		200	UG/L	200.7	04/29/2008 14:06	AH
Potassium - Total	3440		500	UG/L	200.7	04/29/2008 14:06	AH
Sodium - Total	46900		1000	UG/L	200.7	04/29/2008 14:06	AH
Wet Chemistry Analysis							
Chloride	89.1		0.50	MG/L	300.0	05/02/2008 11:53	RJP
Sulfate	153		10	MG/L	375.4	05/13/2008 13:39	LRM
Total Alkalinity	230		50.0	MG/L	310.2	05/01/2008 21:57	RLG

Sample ID: PRE-CARBON
Lab Sample ID: A8462302DL
Date Collected: 04/28/2008
Time Collected: 09:55

Date Received: 04/28/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		250	UG/L	8260	05/09/2008 12:44	LH
1,1,2,2-Tetrachloroethane	ND		250	UG/L	8260	05/09/2008 12:44	LH
1,1,2-Trichloroethane	ND		250	UG/L	8260	05/09/2008 12:44	LH
1,1-Dichloroethane	ND		250	UG/L	8260	05/09/2008 12:44	LH
1,1-Dichloroethene	ND		250	UG/L	8260	05/09/2008 12:44	LH
1,2-Dichloroethane	ND		250	UG/L	8260	05/09/2008 12:44	LH
1,2-Dichloroethene (Total)	ND		500	UG/L	8260	05/09/2008 12:44	LH
1,2-Dichloropropane	ND		250	UG/L	8260	05/09/2008 12:44	LH
2-Butanone	ND		1200	UG/L	8260	05/09/2008 12:44	LH
2-Hexanone	ND		1200	UG/L	8260	05/09/2008 12:44	LH
4-Methyl-2-pentanone	ND		1200	UG/L	8260	05/09/2008 12:44	LH
Acetone	ND		1200	UG/L	8260	05/09/2008 12:44	LH
Benzene	2100	D	250	UG/L	8260	05/09/2008 12:44	LH
Bromodichloromethane	ND		250	UG/L	8260	05/09/2008 12:44	LH
Bromoform	ND		250	UG/L	8260	05/09/2008 12:44	LH
Bromomethane	ND		250	UG/L	8260	05/09/2008 12:44	LH
Carbon Disulfide	ND		250	UG/L	8260	05/09/2008 12:44	LH
Carbon Tetrachloride	ND		250	UG/L	8260	05/09/2008 12:44	LH
Chlorobenzene	ND		250	UG/L	8260	05/09/2008 12:44	LH
Chloroethane	ND		250	UG/L	8260	05/09/2008 12:44	LH
Chloroform	ND		250	UG/L	8260	05/09/2008 12:44	LH
Chloromethane	ND		250	UG/L	8260	05/09/2008 12:44	LH
cis-1,3-Dichloropropene	ND		250	UG/L	8260	05/09/2008 12:44	LH
Dibromochloromethane	ND		250	UG/L	8260	05/09/2008 12:44	LH
Ethylbenzene	120	DJ	250	UG/L	8260	05/09/2008 12:44	LH
Methylene chloride	ND		250	UG/L	8260	05/09/2008 12:44	LH
Styrene	73	DJ	250	UG/L	8260	05/09/2008 12:44	LH
Tetrachloroethene	ND		250	UG/L	8260	05/09/2008 12:44	LH
Toluene	380	D	250	UG/L	8260	05/09/2008 12:44	LH
Total Xylenes	140	DJ	750	UG/L	8260	05/09/2008 12:44	LH
trans-1,3-Dichloropropene	ND		250	UG/L	8260	05/09/2008 12:44	LH
Trichloroethene	ND		250	UG/L	8260	05/09/2008 12:44	LH
Vinyl acetate	ND		1200	UG/L	8260	05/09/2008 12:44	LH
Vinyl chloride	ND		250	UG/L	8260	05/09/2008 12:44	LH
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		1.7	UG/L	8021	05/01/2008 17:54	LMW
1,3,5-Trimethylbenzene	ND		1.5	UG/L	8021	05/01/2008 17:54	LMW
Benzene	1900	D	1.2	UG/L	8021	05/01/2008 17:54	LMW
Ethylbenzene	110	D	1.4	UG/L	8021	05/01/2008 17:54	LMW
Isopropylbenzene	ND		1.4	UG/L	8021	05/01/2008 17:54	LMW
m-Xylene	82	1D	2.7	UG/L	8021	05/01/2008 17:54	LMW
Methyl-t-Butyl Ether (MTBE)	ND		2.2	UG/L	8021	05/01/2008 17:54	LMW
n-Butylbenzene	ND		1.5	UG/L	8021	05/01/2008 17:54	LMW
n-Propylbenzene	ND		1.4	UG/L	8021	05/01/2008 17:54	LMW
o-Xylene	ND		1.4	UG/L	8021	05/01/2008 17:54	LMW
p-Cymene	ND		1.5	UG/L	8021	05/01/2008 17:54	LMW
p-Xylene	ND	1	2.7	UG/L	8021	05/01/2008 17:54	LMW
sec-Butylbenzene	10	D	1.0	UG/L	8021	05/01/2008 17:54	LMW

Sample ID: PRE-CARBON
Lab Sample ID: A8462302DL
Date Collected: 04/28/2008
Time Collected: 09:55

Date Received: 04/28/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	340	D	1.8	UG/L	8021	05/01/2008 17:54	LMW
Total Xylenes	82	D	4.0	UG/L	8021	05/01/2008 17:54	LMW

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		4-28-08	392216
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	Page 1 of 2
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Project Name and Location (State)	**Carrier/Waybill Number**		
NYS DEC - GASTOWN			
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: T. METALS	T FE	CL	SO4	TCL VOAS	GAS /DNA	TALK	8270 GAS	PP PEST	HEM	PH	T CN
PRE CARBON	4-28-08	9:55		X					1				X	X										
PRE CARBON	4-28-08	9:55		X			1								X	X								
PRE CARBON	4-28-08	9:55		X						8							X	X						
PRE CARBON	4-28-08	9:55		X			1												X					
POST CARBON	4-28-08	10:05		X						8							X	X						
POST CARBON	4-28-08	10:05		X					1				X	X										
POST CARBON	4-28-08	10:05		X			3													X	X			
POST CARBON	4-28-08	10:05		X				1														X		
POST CARBON	4-28-08	10:05		X			1																X	
POST CARBON	4-28-08	10:05		X							1													X

Special Instructions/ Conditions of Receipt

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_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	4/28/08	1105	1. Received By	4/28/08	1105
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

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

2-0c

18/19

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		4-28-08	388884
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Project Name and Location (State)	**Carrier/Waybill Number**		
NYSDEC - GASTOWN			
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: BOD	TDS	TS solids	T Phenols	Special Instructions/ Conditions of Receipt
POST CARBON	4-28-08	10:05		X			2						X	X	X		
POST CARBON	4-28-08	10:05		X				1								X	

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_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	4/28/08	1105	1. Received By	4/28/08	1105
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

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

2-08c

19/19

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-6050

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC - Gastown WWTP: Spill# 9213441

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Charles B. Guzzetta

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

06/11/2008

TestAmerica

TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8605001	POST-CARBON	GW	05/29/2008	09:05	05/29/2008	09:45
A8605002	PRE-CARBON	GW	05/29/2008	09:05	05/29/2008	09:45

METHODS SUMMARY

Job#: A08-6050

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - SW8463 8260/5 ML	SW8463 8260
METHOD 8021 - VOLATILE ORGANICS - STARS	SW8463 8021
Calcium - Total	MCAWW 200.7
Iron - Total	MCAWW 200.7
Magnesium - Total	MCAWW 200.7
Potassium - Total	MCAWW 200.7
Sodium - Total	MCAWW 200.7
Chloride	MCAWW 300.0
Cyanide - Total	MCAWW 335.4
pH	SM20 4500-H+ B
Sulfate	MCAWW 300.0
Total Alkalinity	MCAWW 310.2

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-6050

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-6050
Sample Cooler(s) were received at the following temperature(s); 5.4 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

The analyte Iron was detected in the Method Blank (A8B1615002) at a level above the project established reporting limit. However, sample PRE-CARBON had a level of Iron greater than ten times that of the Method Blank value, therefore, no corrective action was necessary.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

6-12-08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
PRE-CARBON	A8605002	Chloride	2.00	008
PRE-CARBON	A8605002	Sulfate	2.00	008
PRE-CARBON	A8605002	Total Alkalinity	8.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: POST-CARBON
Lab Sample ID: A8605001
Date Collected: 05/29/2008
Time Collected: 09:05

Date Received: 05/29/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
1,1,2,2-Tetrachloroethane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
1,1,2-Trichloroethane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
1,1-Dichloroethane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
1,1-Dichloroethene	ND		5	UG/L	8260	06/08/2008 22:13	RJ
1,2-Dichloroethane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
1,2-Dichloroethene (Total)	ND		10	UG/L	8260	06/08/2008 22:13	RJ
1,2-Dichloropropane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
2-Butanone	ND		25	UG/L	8260	06/08/2008 22:13	RJ
2-Hexanone	ND		25	UG/L	8260	06/08/2008 22:13	RJ
4-Methyl-2-pentanone	ND		25	UG/L	8260	06/08/2008 22:13	RJ
Acetone	ND		25	UG/L	8260	06/08/2008 22:13	RJ
Benzene	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Bromodichloromethane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Bromoform	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Bromomethane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Carbon Disulfide	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Carbon Tetrachloride	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Chlorobenzene	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Chloroethane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Chloroform	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Chloromethane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
cis-1,3-Dichloropropene	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Dibromochloromethane	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Ethylbenzene	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Methylene chloride	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Styrene	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Tetrachloroethene	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Toluene	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Total Xylenes	ND		15	UG/L	8260	06/08/2008 22:13	RJ
trans-1,3-Dichloropropene	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Trichloroethene	ND		5	UG/L	8260	06/08/2008 22:13	RJ
Vinyl acetate	ND		25	UG/L	8260	06/08/2008 22:13	RJ
Vinyl chloride	4	J	5	UG/L	8260	06/08/2008 22:13	RJ
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		0.20	UG/L	8021	06/05/2008 14:09	LMW
1,3,5-Trimethylbenzene	ND		0.20	UG/L	8021	06/05/2008 14:09	LMW
Benzene	ND		0.20	UG/L	8021	06/05/2008 14:09	LMW
Ethylbenzene	ND		0.20	UG/L	8021	06/05/2008 14:09	LMW
Isopropylbenzene	ND		0.20	UG/L	8021	06/05/2008 14:09	LMW
m-Xylene	ND		0.40	UG/L	8021	06/05/2008 14:09	LMW
Methyl-t-Butyl Ether (MTBE)	1.4		0.40	UG/L	8021	06/05/2008 14:09	LMW
n-Butylbenzene	ND		0.40	UG/L	8021	06/05/2008 14:09	LMW
n-Propylbenzene	ND		0.20	UG/L	8021	06/05/2008 14:09	LMW
o-Xylene	ND		0.20	UG/L	8021	06/05/2008 14:09	LMW
p-Cymene	ND		0.40	UG/L	8021	06/05/2008 14:09	LMW
p-Xylene	ND		0.40	UG/L	8021	06/05/2008 14:09	LMW
sec-Butylbenzene	ND		0.40	UG/L	8021	06/05/2008 14:09	LMW

Sample ID: POST-CARBON
Lab Sample ID: A8605001
Date Collected: 05/29/2008
Time Collected: 09:05

Date Received: 05/29/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	ND		0.20	UG/L	8021	06/05/2008 14:09	LMW
Total Xylenes	ND		0.60	UG/L	8021	06/05/2008 14:09	LMW
Metals Analysis							
Iron - Total	193		50.0	UG/L	200.7	06/03/2008 14:13	AH
Wet Chemistry Analysis							
Cyanide - Total	0.40		0.010	MG/L	335.4	05/31/2008 09:41	ERK
pH	7.7		0.50	S.U.	4500-H+ B	05/29/2008 19:45	WM

Sample ID: PRE-CARBON
Lab Sample ID: A8605002
Date Collected: 05/29/2008
Time Collected: 09:05

Date Received: 05/29/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Calcium - Total	172000		500	UG/L	200.7	05/31/2008 04:11	TWS
Iron - Total	13600		50.0	UG/L	200.7	05/31/2008 04:11	TWS
Magnesium - Total	90800		200	UG/L	200.7	05/31/2008 04:11	TWS
Potassium - Total	5630		500	UG/L	200.7	05/31/2008 04:11	TWS
Sodium - Total	77800		1000	UG/L	200.7	05/31/2008 04:11	TWS
Wet Chemistry Analysis							
Chloride	142		1.0	MG/L	300.0	06/04/2008 12:13	BWM
Sulfate	185		4.0	MG/L	300.0	06/04/2008 12:13	BWM
Total Alkalinity	573		80.0	MG/L	310.2	05/30/2008 16:15	RLG

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		5-29-08	392692
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Project Name and Location (State)	**Carrier/Waybill Number**		
NYSDEC - GASTOWN			
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.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	T. METALS	T FE	CL	SO4	TALK	GAS VOA	TCL VOAS	PH	T CN	Special Instructions/ Conditions of Receipt
PRE CARBON	5-29-08	9:05		X					X				X	X								
PRE CARBON	5-29-08	9:05		X			X								X	X						
PRE CARBON	5-29-08	9:05		X			X										X					
POST CARBON	5-29-08	9:05		X						X								X	X			
POST CARBON	5-29-08	9:05		X			X													X		
POST CARBON	5-29-08	9:05		X					X					X								
POST CARBON	5-29-08	9:05		X							X										X	

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_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5-29-08	9:45	1. Received By	5/29/08	0945
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

5.4°C

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

12/12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-7741

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC - Gastown WWTP: Spill# 9213441

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Charles B. Guzzetta

TestAmerica Laboratories Inc.

Brian J. Fischer
FOR Project Manager

07/14/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8774101	POST-CARBON	GW	06/30/2008	09:15	06/30/2008	10:40
A8774102	PRE-CARBON	GW	06/30/2008	09:15	06/30/2008	10:40

METHODS SUMMARY

Job#: A08-7741

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - SW8463 8260/5 ML	SW8463 8260
METHOD 8021 - VOLATILE ORGANICS - STARS	SW8463 8021
Calcium - Total	MCAWW 200.7
Iron - Total	MCAWW 200.7
Magnesium - Total	MCAWW 200.7
Potassium - Total	MCAWW 200.7
Sodium - Total	MCAWW 200.7
Chloride	MCAWW 300.0
Cyanide - Total	MCAWW 335.4
pH	SM20 4500-H+ B
Sulfate	MCAWW 300.0
Total Alkalinity	MCAWW 310.2

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-7741

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-7741
Sample Cooler(s) were received at the following temperature(s); 10.0 °C
Samples were received at a temperature of 10°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 K. Fischer
For Project Manager

7/14/08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
PRE-CARBON	A8774102	Chloride	10.00	008
PRE-CARBON	A8774102	Sulfate	5.00	008
PRE-CARBON	A8774102	Total Alkalinity	6.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: POST-CARBON
Lab Sample ID: A8774101
Date Collected: 06/30/2008
Time Collected: 09:15

Date Received: 06/30/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		5	UG/L	8260	07/10/2008 12:09	DHC
1,1,2,2-Tetrachloroethane	ND		5	UG/L	8260	07/10/2008 12:09	DHC
1,1,2-Trichloroethane	ND		5	UG/L	8260	07/10/2008 12:09	DHC
1,1-Dichloroethane	ND		5	UG/L	8260	07/10/2008 12:09	DHC
1,1-Dichloroethene	ND		5	UG/L	8260	07/10/2008 12:09	DHC
1,2-Dichloroethane	ND		5	UG/L	8260	07/10/2008 12:09	DHC
1,2-Dichloroethene (Total)	ND		10	UG/L	8260	07/10/2008 12:09	DHC
1,2-Dichloropropane	ND		5	UG/L	8260	07/10/2008 12:09	DHC
2-Butanone	ND		25	UG/L	8260	07/10/2008 12:09	DHC
2-Hexanone	ND		25	UG/L	8260	07/10/2008 12:09	DHC
4-Methyl-2-pentanone	ND		25	UG/L	8260	07/10/2008 12:09	DHC
Acetone	ND		25	UG/L	8260	07/10/2008 12:09	DHC
Benzene	2	J	5	UG/L	8260	07/10/2008 12:09	DHC
Bromodichloromethane	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Bromoform	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Bromomethane	2	J	5	UG/L	8260	07/10/2008 12:09	DHC
Carbon Disulfide	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Carbon Tetrachloride	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Chlorobenzene	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Chloroethane	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Chloroform	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Chloromethane	ND		5	UG/L	8260	07/10/2008 12:09	DHC
cis-1,3-Dichloropropene	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Dibromochloromethane	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Ethylbenzene	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Methylene chloride	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Styrene	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Tetrachloroethene	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Toluene	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Total Xylenes	ND		15	UG/L	8260	07/10/2008 12:09	DHC
trans-1,3-Dichloropropene	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Trichloroethene	ND		5	UG/L	8260	07/10/2008 12:09	DHC
Vinyl acetate	ND		25	UG/L	8260	07/10/2008 12:09	DHC
Vinyl chloride	3	J	5	UG/L	8260	07/10/2008 12:09	DHC
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		0.20	UG/L	8021	07/02/2008 12:22	TMF
1,3,5-Trimethylbenzene	ND		0.20	UG/L	8021	07/02/2008 12:22	TMF
Benzene	1.9		0.20	UG/L	8021	07/02/2008 12:22	TMF
Ethylbenzene	ND		0.20	UG/L	8021	07/02/2008 12:22	TMF
Isopropylbenzene	ND		0.20	UG/L	8021	07/02/2008 12:22	TMF
m-Xylene	ND		0.40	UG/L	8021	07/02/2008 12:22	TMF
Methyl-t-Butyl Ether (MTBE)	1.9		0.40	UG/L	8021	07/02/2008 12:22	TMF
n-Butylbenzene	ND		0.40	UG/L	8021	07/02/2008 12:22	TMF
n-Propylbenzene	ND		0.20	UG/L	8021	07/02/2008 12:22	TMF
o-Xylene	ND		0.20	UG/L	8021	07/02/2008 12:22	TMF
p-Cymene	ND		0.40	UG/L	8021	07/02/2008 12:22	TMF
p-Xylene	ND		0.40	UG/L	8021	07/02/2008 12:22	TMF
sec-Butylbenzene	ND		0.40	UG/L	8021	07/02/2008 12:22	TMF

Sample ID: POST-CARBON
Lab Sample ID: A8774101
Date Collected: 06/30/2008
Time Collected: 09:15

Date Received: 06/30/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	ND		0.20	UG/L	8021	07/02/2008 12:22	TMF
Total Xylenes	ND		0.60	UG/L	8021	07/02/2008 12:22	TMF
Metals Analysis							
Iron - Total	157		50.0	UG/L	200.7	07/03/2008 03:41	SW
Wet Chemistry Analysis							
Cyanide - Total	0.34		0.010	MG/L	335.4	07/03/2008 12:21	ERK
pH	7.2		0	S.U.	4500-H+ B	06/30/2008 16:00	RK

Sample ID: PRE-CARBON
Lab Sample ID: A8774102
Date Collected: 06/30/2008
Time Collected: 09:15

Date Received: 06/30/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Calcium - Total	153000		500	UG/L	200.7	07/03/2008 03:46	SW
Iron - Total	3930		50.0	UG/L	200.7	07/03/2008 03:46	SW
Magnesium - Total	74000		200	UG/L	200.7	07/03/2008 03:46	SW
Potassium - Total	5700		500	UG/L	200.7	07/03/2008 03:46	SW
Sodium - Total	75500		1000	UG/L	200.7	07/03/2008 03:46	SW
Wet Chemistry Analysis							
Chloride	148		5.0	MG/L	300.0	07/09/2008 11:43	AEG
Sulfate	160		10	MG/L	300.0	07/02/2008 11:47	AEG
Total Alkalinity	331		60.0	MG/L	310.2	07/07/2008 19:22	KD

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		6-30-08	392937
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
City / State / Zip Code	**Site Contact / Lab Contact**		
Project Name and Location (State)	**Carrier/Waybill Number**		
NYS DEC - GASTOWN			
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: T. METALS	T FE	CL	SO4	TALK	GAS VOA	TCL VOA	PH	TCN
PRE CARBON	6-30-08	9:15		X					1				X	X							
PRE CARBON	6-30-08	9:15		X			1								X	X					
PRE CARBON	6-30-08	9:15		X			1										X				
POST CARBON	6-30-08	9:15		X						8								X	X		
POST CARBON	6-30-08	9:15		X			1													X	
POST CARBON	6-30-08	9:15		X					1					X							
POST CARBON	6-30-08	9:15		X							1										X

Special Instructions/ Conditions of Receipt

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 _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	6/30/08	1040	1. Received By	6/31/08	1040
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

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

10.2c SAME DAY

12/12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-9201

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC - Gastown WWTP: Spill# 9213441

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Charles B. Guzzetta

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

08/13/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8920101	POST-CARBON	GW	07/30/2008	15:10	07/30/2008	16:20
A8920102	PRE-CARBON	GW	07/30/2008	15:20	07/30/2008	16:20

METHODS SUMMARY

Job#: A08-9201

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - SW8463 8260/5 ML	SW8463 8260
METHOD 8021 - VOLATILE ORGANICS - STARS	SW8463 8021
NYSDEC - METHOD 8270 Gastown	SW8463 8270
GASTOWN - METHOD 608 - P.P. PESTICIDES	CFR136 608PEST
Arsenic - Total	MCAWW 200.7
Calcium - Total	MCAWW 200.7
Iron - Total	MCAWW 200.7
Magnesium - Total	MCAWW 200.7
Manganese - Total	MCAWW 200.7
Potassium - Total	MCAWW 200.7
Sodium - Total	MCAWW 200.7
Zinc - Total	MCAWW 200.7
Biochemical Oxygen Demand	SM20 5210B
Chloride	MCAWW 300.0
Cyanide - Total	MCAWW 335.4
Oil & Grease	MCAWW 1664
pH	SM20 4500-H+ B
Sulfate	MCAWW 300.0
Total Alkalinity	MCAWW 310.2
Total Dissolved Solids	SM20 2540C
Total Recoverable Phenolics	MCAWW 420.4
Total Suspended Solids	SM20 2540D

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-9201

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-9201
Sample Cooler(s) were received at the following temperature(s); 4.8 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Volatile Data

For method 8021, the recoveries of several compounds in sample PRE-CARBON Matrix Spike and Matrix Spike Duplicate exceeded QC limits. The Matrix Spike Blank recoveries are compliant.

GC/MS Semivolatile Data

The analyte Indene was searched for as tentatively identified compounds (TIC's) and not found.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

8-13-08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
PRE-CARBON	A8920102	8021	100.00	008
PRE-CARBON	A8920102	8260	50.00	008
PRE-CARBON	A8920102	Chloride	5.00	008
PRE-CARBON	A8920102	Sulfate	5.00	008
PRE-CARBON	A8920102	Total Alkalinity	5.00	008
PRE-CARBON	A8920102DL	8260	100.00	008
PRE-CARBON	A8920102MS	8021	100.00	008
PRE-CARBON	A8920102SD	8021	100.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

Date: 08/13/2008 Requested Reporting Limits < Lab PQL Page: 1
Time: 10:31:40 Rept: AN1520

The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to lab MDL. It must be noted that results reported below lab standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client RL	Lab PQL
420.4	Total Recoverable Phenolics	MG/L	0.0050	0.010

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: POST-CARBON
Lab Sample ID: A8920101
Date Collected: 07/30/2008
Time Collected: 15:10

Date Received: 07/30/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
1,1,2,2-Tetrachloroethane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
1,1,2-Trichloroethane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
1,1-Dichloroethane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
1,1-Dichloroethene	ND		5	UG/L	8260	08/09/2008 18:27	DHC
1,2-Dichloroethane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
1,2-Dichloroethene (Total)	ND		10	UG/L	8260	08/09/2008 18:27	DHC
1,2-Dichloropropane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
2-Butanone	ND		25	UG/L	8260	08/09/2008 18:27	DHC
2-Hexanone	ND		25	UG/L	8260	08/09/2008 18:27	DHC
4-Methyl-2-pentanone	ND		25	UG/L	8260	08/09/2008 18:27	DHC
Acetone	ND		25	UG/L	8260	08/09/2008 18:27	DHC
Benzene	8		5	UG/L	8260	08/09/2008 18:27	DHC
Bromodichloromethane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Bromoform	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Bromomethane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Carbon Disulfide	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Carbon Tetrachloride	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Chlorobenzene	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Chloroethane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Chloroform	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Chloromethane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
cis-1,3-Dichloropropene	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Dibromochloromethane	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Ethylbenzene	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Methylene chloride	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Styrene	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Tetrachloroethene	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Toluene	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Total Xylenes	ND		15	UG/L	8260	08/09/2008 18:27	DHC
trans-1,3-Dichloropropene	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Trichloroethene	ND		5	UG/L	8260	08/09/2008 18:27	DHC
Vinyl acetate	ND		25	UG/L	8260	08/09/2008 18:27	DHC
Vinyl chloride	3	J	5	UG/L	8260	08/09/2008 18:27	DHC
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		0.20	UG/L	8021	08/03/2008 13:34	TMF
1,3,5-Trimethylbenzene	ND		0.20	UG/L	8021	08/03/2008 13:34	TMF
Benzene	9.2		0.20	UG/L	8021	08/03/2008 13:34	TMF
Ethylbenzene	ND		0.20	UG/L	8021	08/03/2008 13:34	TMF
Isopropylbenzene	ND		0.20	UG/L	8021	08/03/2008 13:34	TMF
m-Xylene	ND		0.40	UG/L	8021	08/03/2008 13:34	TMF
Methyl-t-Butyl Ether (MTBE)	2.2		0.40	UG/L	8021	08/03/2008 13:34	TMF
n-Butylbenzene	ND		0.40	UG/L	8021	08/03/2008 13:34	TMF
n-Propylbenzene	ND		0.20	UG/L	8021	08/03/2008 13:34	TMF
o-Xylene	ND		0.20	UG/L	8021	08/03/2008 13:34	TMF
p-Cymene	ND		0.40	UG/L	8021	08/03/2008 13:34	TMF
p-Xylene	ND		0.40	UG/L	8021	08/03/2008 13:34	TMF
sec-Butylbenzene	ND		0.40	UG/L	8021	08/03/2008 13:34	TMF

Sample ID: POST-CARBON
Lab Sample ID: A8920101
Date Collected: 07/30/2008
Time Collected: 15:10

Date Received: 07/30/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	ND		0.20	UG/L	8021	08/03/2008 13:34	TMF
Total Xylenes	ND		0.60	UG/L	8021	08/03/2008 13:34	TMF
NYSDEC - GASTOWN WWTP LIST/8270 - W							
2-Methylnaphthalene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Acenaphthene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Acenaphthylene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Anthracene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Benzo(a)anthracene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Benzo(a)pyrene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Benzo(b)fluoranthene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Benzo(ghi)perylene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Benzo(k)fluoranthene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Biphenyl	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Bis(2-ethylhexyl) phthalate	9.4	J	9.5	UG/L	8270	08/02/2008 20:51	JLG
Carbazole	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Chrysene	0.62	BJ	9.5	UG/L	8270	08/02/2008 20:51	JLG
Dibenzo(a,h)anthracene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Dibenzofuran	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Fluoranthene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Fluorene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Indene (TIC)	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Indeno(1,2,3-cd)pyrene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Naphthalene	0.21	J	9.5	UG/L	8270	08/02/2008 20:51	JLG
Pentachlorophenol	ND		47	UG/L	8270	08/02/2008 20:51	JLG
Phenanthrene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
Phenol	ND		47	UG/L	8270	08/02/2008 20:51	JLG
Pyrene	ND		9.5	UG/L	8270	08/02/2008 20:51	JLG
GASTOWN - AQUEOUS-CFR136 608 - P.P. PESTICIDE							
4,4'-DDD	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
4,4'-DDE	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
4,4'-DDT	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Aldrin	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
alpha-BHC	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
beta-BHC	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Chlordane	ND		0.47	UG/L	608PEST	08/09/2008 17:51	TCH
delta-BHC	0.011	BJ	0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Dieldrin	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Endosulfan I	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Endosulfan II	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Endosulfan Sulfate	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Endrin	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Endrin aldehyde	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
gamma-BHC (Lindane)	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Heptachlor	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Heptachlor epoxide	ND		0.047	UG/L	608PEST	08/09/2008 17:51	TCH
Toxaphene	ND		0.95	UG/L	608PEST	08/09/2008 17:51	TCH

Sample ID: POST-CARBON
Lab Sample ID: A8920101
Date Collected: 07/30/2008
Time Collected: 15:10

Date Received: 07/30/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Arsenic - Total	ND		10	UG/L	200.7	08/01/2008 15:17	AH
Iron - Total	213		50.0	UG/L	200.7	08/01/2008 15:17	AH
Manganese - Total	261		3.0	UG/L	200.7	08/01/2008 15:17	AH
Zinc - Total	15.0		10	UG/L	200.7	08/01/2008 15:17	AH
Wet Chemistry Analysis							
Biochemical Oxygen Demand	ND		2.0	MG/L	5210B	07/30/2008 16:44	RK
Cyanide - Total	0.49		0.010	MG/L	335.4	08/05/2008 10:44	ERK
Oil & Grease	ND		5.0	MG/L	1664	07/31/2008 08:24	EJS
pH	7.0		0.50	S.U.	4500-H+ B	07/30/2008 22:00	TL
Total Dissolved Solids	1050		10	MG/L	2540C	07/31/2008 19:00	WM
Total Recoverable Phenolics	0.0089		0.0050	MG/L	420.4	08/07/2008 16:34	RLG
Total Suspended Solids	ND		4.0	MG/L	2540D	07/31/2008 10:00	JM

Sample ID: PRE-CARBON
Lab Sample ID: A8920102
Date Collected: 07/30/2008
Time Collected: 15:20

Date Received: 07/30/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
1,1,2,2-Tetrachloroethane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
1,1,2-Trichloroethane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
1,1-Dichloroethane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
1,1-Dichloroethene	ND		250	UG/L	8260	08/09/2008 18:50	DHC
1,2-Dichloroethane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
1,2-Dichloroethene (Total)	ND		500	UG/L	8260	08/09/2008 18:50	DHC
1,2-Dichloropropane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
2-Butanone	ND		1200	UG/L	8260	08/09/2008 18:50	DHC
2-Hexanone	ND		1200	UG/L	8260	08/09/2008 18:50	DHC
4-Methyl-2-pentanone	ND		1200	UG/L	8260	08/09/2008 18:50	DHC
Acetone	ND		1200	UG/L	8260	08/09/2008 18:50	DHC
Benzene	5400	E	250	UG/L	8260	08/09/2008 18:50	DHC
Bromodichloromethane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Bromoform	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Bromomethane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Carbon Disulfide	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Carbon Tetrachloride	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Chlorobenzene	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Chloroethane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Chloroform	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Chloromethane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
cis-1,3-Dichloropropene	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Dibromochloromethane	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Ethylbenzene	180	J	250	UG/L	8260	08/09/2008 18:50	DHC
Methylene chloride	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Styrene	52	J	250	UG/L	8260	08/09/2008 18:50	DHC
Tetrachloroethene	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Toluene	850		250	UG/L	8260	08/09/2008 18:50	DHC
Total Xylenes	280	J	750	UG/L	8260	08/09/2008 18:50	DHC
trans-1,3-Dichloropropene	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Trichloroethene	ND		250	UG/L	8260	08/09/2008 18:50	DHC
Vinyl acetate	ND		1200	UG/L	8260	08/09/2008 18:50	DHC
Vinyl chloride	ND		250	UG/L	8260	08/09/2008 18:50	DHC
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		3.5	UG/L	8021	08/03/2008 11:36	TMF
1,3,5-Trimethylbenzene	ND		3.0	UG/L	8021	08/03/2008 11:36	TMF
Benzene	5000		2.3	UG/L	8021	08/03/2008 11:36	TMF
Ethylbenzene	160		2.9	UG/L	8021	08/03/2008 11:36	TMF
Isopropylbenzene	ND		2.7	UG/L	8021	08/03/2008 11:36	TMF
m-Xylene	160	1	5.4	UG/L	8021	08/03/2008 11:36	TMF
Methyl-t-Butyl Ether (MTBE)	ND		4.4	UG/L	8021	08/03/2008 11:36	TMF
n-Butylbenzene	ND		3.1	UG/L	8021	08/03/2008 11:36	TMF
n-Propylbenzene	ND		2.8	UG/L	8021	08/03/2008 11:36	TMF
o-Xylene	160		2.7	UG/L	8021	08/03/2008 11:36	TMF
p-Cymene	ND		3.0	UG/L	8021	08/03/2008 11:36	TMF
p-Xylene	ND	1	5.4	UG/L	8021	08/03/2008 11:36	TMF
sec-Butylbenzene	ND		2.0	UG/L	8021	08/03/2008 11:36	TMF

Sample ID: PRE-CARBON
Lab Sample ID: A8920102
Date Collected: 07/30/2008
Time Collected: 15:20

Date Received: 07/30/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	780		3.6	UG/L	8021	08/03/2008 11:36	TMF
Total Xylenes	330		8.1	UG/L	8021	08/03/2008 11:36	TMF
Metals Analysis							
Calcium - Total	137000		500	UG/L	200.7	08/01/2008 15:23	AH
Iron - Total	1090		50.0	UG/L	200.7	08/01/2008 15:23	AH
Magnesium - Total	75000		200	UG/L	200.7	08/01/2008 15:23	AH
Potassium - Total	4850		500	UG/L	200.7	08/01/2008 15:23	AH
Sodium - Total	74000		1000	UG/L	200.7	08/01/2008 15:23	AH
Wet Chemistry Analysis							
Chloride	136		2.5	MG/L	300.0	08/04/2008 10:00	BWM
Sulfate	167		10	MG/L	300.0	08/04/2008 10:00	BWM
Total Alkalinity	451		50.0	MG/L	310.2	07/31/2008 18:07	RLG

Sample ID: PRE-CARBON
Lab Sample ID: A8920102DL
Date Collected: 07/30/2008
Time Collected: 15:20

Date Received: 07/30/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		500	UG/L	8260	08/10/2008 16:53	ND
1,1,2,2-Tetrachloroethane	ND		500	UG/L	8260	08/10/2008 16:53	ND
1,1,2-Trichloroethane	ND		500	UG/L	8260	08/10/2008 16:53	ND
1,1-Dichloroethane	ND		500	UG/L	8260	08/10/2008 16:53	ND
1,1-Dichloroethene	ND		500	UG/L	8260	08/10/2008 16:53	ND
1,2-Dichloroethane	ND		500	UG/L	8260	08/10/2008 16:53	ND
1,2-Dichloroethene (Total)	ND		1000	UG/L	8260	08/10/2008 16:53	ND
1,2-Dichloropropane	ND		500	UG/L	8260	08/10/2008 16:53	ND
2-Butanone	ND		2500	UG/L	8260	08/10/2008 16:53	ND
2-Hexanone	ND		2500	UG/L	8260	08/10/2008 16:53	ND
4-Methyl-2-pentanone	ND		2500	UG/L	8260	08/10/2008 16:53	ND
Acetone	ND		2500	UG/L	8260	08/10/2008 16:53	ND
Benzene	6000	D	500	UG/L	8260	08/10/2008 16:53	ND
Bromodichloromethane	ND		500	UG/L	8260	08/10/2008 16:53	ND
Bromoform	ND		500	UG/L	8260	08/10/2008 16:53	ND
Bromomethane	ND		500	UG/L	8260	08/10/2008 16:53	ND
Carbon Disulfide	ND		500	UG/L	8260	08/10/2008 16:53	ND
Carbon Tetrachloride	ND		500	UG/L	8260	08/10/2008 16:53	ND
Chlorobenzene	ND		500	UG/L	8260	08/10/2008 16:53	ND
Chloroethane	ND		500	UG/L	8260	08/10/2008 16:53	ND
Chloroform	ND		500	UG/L	8260	08/10/2008 16:53	ND
Chloromethane	ND		500	UG/L	8260	08/10/2008 16:53	ND
cis-1,3-Dichloropropene	ND		500	UG/L	8260	08/10/2008 16:53	ND
Dibromochloromethane	ND		500	UG/L	8260	08/10/2008 16:53	ND
Ethylbenzene	180	DJ	500	UG/L	8260	08/10/2008 16:53	ND
Methylene chloride	ND		500	UG/L	8260	08/10/2008 16:53	ND
Styrene	57	DJ	500	UG/L	8260	08/10/2008 16:53	ND
Tetrachloroethene	ND		500	UG/L	8260	08/10/2008 16:53	ND
Toluene	870	D	500	UG/L	8260	08/10/2008 16:53	ND
Total Xylenes	300	DJ	1500	UG/L	8260	08/10/2008 16:53	ND
trans-1,3-Dichloropropene	ND		500	UG/L	8260	08/10/2008 16:53	ND
Trichloroethene	ND		500	UG/L	8260	08/10/2008 16:53	ND
Vinyl acetate	ND		2500	UG/L	8260	08/10/2008 16:53	ND
Vinyl chloride	ND		500	UG/L	8260	08/10/2008 16:53	ND

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		7-30-08	396267
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
City / State / Zip Code	**Site Contact / Lab Contact**		
Project Name and Location (State)	**Carrier/Waybill Number**		
NYSDEC - GASTOWN			
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 VOAS	GAS VOAS	TMETALS	TFE	CL	SO4	TALK	HEM	8270 GAS	PP PEST	T PHENOLS	PH	Special Instructions/ Conditions of Receipt
PRE CARBON	7-30-08	15:20		X						8			X	X											
PRE CARBON				X					1						X	X									
PRE CARBON				X			1										X	X							
PRE CARBON				X			1												X						
POST CARBON		15:10		X						8			X	X											
POST CARBON				X					1						X	X									
POST CARBON				X				1												X					
POST CARBON				X			3														X	X			
POST CARBON				X				1															X		
POST CARBON				X			1																	X	

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_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	7-30-08	16:20	1. Received By	7/30/08	1620
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

4.8°C

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

17/18

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
[redacted] ART KOSKE		7-30-08	324963
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Project Name and Location (State)	**Carrier/Waybill Number**		
GASTOWN - NYSDEC			
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: BOD	TDS	TSS	T CN	Special Instructions/ Conditions of Receipt
POST CARBON	7-30-08	15:10		X			2						X	X	X		
POST CARBON	↓	↓		X							1					X	

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 _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	7-30-08	16:20	1. Received By	7/30/08	1620
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

4.8°

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

18/18

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-A870

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC - Gastown WWTP: Spill# 9213441

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Charles B. Guzzetta

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

09/18/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8A87001	POST-CARBON	GW	09/05/2008	14:35	09/05/2008	15:15
A8A87002	PRE-CARBON	GW	09/05/2008	14:30	09/05/2008	15:15

METHODS SUMMARY

Job#: A08-A870

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - SW8463 8260/5 ML	SW8463 8260
METHOD 8021 - VOLATILE ORGANICS - STARS	SW8463 8021
Calcium - Total	MCAWW 200.7
Iron - Total	MCAWW 200.7
Magnesium - Total	MCAWW 200.7
Potassium - Total	MCAWW 200.7
Sodium - Total	MCAWW 200.7
Chloride	MCAWW 300.0
Cyanide - Total	MCAWW 335.4
pH	SM20 4500-H+ B
Sulfate	MCAWW 300.0
Total Alkalinity	MCAWW 310.2

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-A870

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-A870
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

The Iron value obtained for sample POST-CARBON was inconsistent with historical trends. Reanalysis was performed and the value was confirmed. Only the result from the original analysis was provided in this data package.

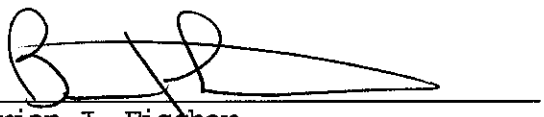
Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

9-18-01
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
POST-CARBON	A8A87001	8021	5.00	008
POST-CARBON	A8A87001DL	8260	2.00	008
PRE-CARBON	A8A87002	Chloride	5.00	008
PRE-CARBON	A8A87002	Sulfate	5.00	008
PRE-CARBON	A8A87002	Total Alkalinity	10.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: POST-CARBON
Lab Sample ID: A8A87001
Date Collected: 09/05/2008
Time Collected: 14:35

Date Received: 09/05/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		5	UG/L	8260	09/15/2008 19:40	LH
1,1,2,2-Tetrachloroethane	ND		5	UG/L	8260	09/15/2008 19:40	LH
1,1,2-Trichloroethane	ND		5	UG/L	8260	09/15/2008 19:40	LH
1,1-Dichloroethane	ND		5	UG/L	8260	09/15/2008 19:40	LH
1,1-Dichloroethene	ND		5	UG/L	8260	09/15/2008 19:40	LH
1,2-Dichloroethane	ND		5	UG/L	8260	09/15/2008 19:40	LH
1,2-Dichloroethene (Total)	2	J	10	UG/L	8260	09/15/2008 19:40	LH
1,2-Dichloropropane	ND		5	UG/L	8260	09/15/2008 19:40	LH
2-Butanone	ND		25	UG/L	8260	09/15/2008 19:40	LH
2-Hexanone	ND		25	UG/L	8260	09/15/2008 19:40	LH
4-Methyl-2-pentanone	ND		25	UG/L	8260	09/15/2008 19:40	LH
Acetone	ND		25	UG/L	8260	09/15/2008 19:40	LH
Benzene	140	E	5	UG/L	8260	09/15/2008 19:40	LH
Bromodichloromethane	ND		5	UG/L	8260	09/15/2008 19:40	LH
Bromoform	ND		5	UG/L	8260	09/15/2008 19:40	LH
Bromomethane	ND		5	UG/L	8260	09/15/2008 19:40	LH
Carbon Disulfide	ND		5	UG/L	8260	09/15/2008 19:40	LH
Carbon Tetrachloride	ND		5	UG/L	8260	09/15/2008 19:40	LH
Chlorobenzene	ND		5	UG/L	8260	09/15/2008 19:40	LH
Chloroethane	ND		5	UG/L	8260	09/15/2008 19:40	LH
Chloroform	0.4	J	5	UG/L	8260	09/15/2008 19:40	LH
Chloromethane	ND		5	UG/L	8260	09/15/2008 19:40	LH
cis-1,3-Dichloropropene	ND		5	UG/L	8260	09/15/2008 19:40	LH
Dibromochloromethane	ND		5	UG/L	8260	09/15/2008 19:40	LH
Ethylbenzene	ND		5	UG/L	8260	09/15/2008 19:40	LH
Methylene chloride	ND		5	UG/L	8260	09/15/2008 19:40	LH
Styrene	ND		5	UG/L	8260	09/15/2008 19:40	LH
Tetrachloroethene	ND		5	UG/L	8260	09/15/2008 19:40	LH
Toluene	ND		5	UG/L	8260	09/15/2008 19:40	LH
Total Xylenes	ND		15	UG/L	8260	09/15/2008 19:40	LH
trans-1,3-Dichloropropene	ND		5	UG/L	8260	09/15/2008 19:40	LH
Trichloroethene	ND		5	UG/L	8260	09/15/2008 19:40	LH
Vinyl acetate	ND		25	UG/L	8260	09/15/2008 19:40	LH
Vinyl chloride	3	J	5	UG/L	8260	09/15/2008 19:40	LH
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		0.20	UG/L	8021	09/08/2008 15:57	TMF
1,3,5-Trimethylbenzene	ND		0.20	UG/L	8021	09/08/2008 15:57	TMF
Benzene	110		0.20	UG/L	8021	09/08/2008 15:57	TMF
Ethylbenzene	ND		0.20	UG/L	8021	09/08/2008 15:57	TMF
Isopropylbenzene	ND		0.20	UG/L	8021	09/08/2008 15:57	TMF
m-Xylene	ND		0.40	UG/L	8021	09/08/2008 15:57	TMF
Methyl-t-Butyl Ether (MTBE)	ND		0.40	UG/L	8021	09/08/2008 15:57	TMF
n-Butylbenzene	ND		0.40	UG/L	8021	09/08/2008 15:57	TMF
n-Propylbenzene	ND		0.20	UG/L	8021	09/08/2008 15:57	TMF
o-Xylene	ND		0.20	UG/L	8021	09/08/2008 15:57	TMF
p-Cymene	ND		0.40	UG/L	8021	09/08/2008 15:57	TMF
p-Xylene	ND		0.40	UG/L	8021	09/08/2008 15:57	TMF
sec-Butylbenzene	ND		0.40	UG/L	8021	09/08/2008 15:57	TMF

Sample ID: POST-CARBON
Lab Sample ID: A8A87001
Date Collected: 09/05/2008
Time Collected: 14:35

Date Received: 09/05/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	ND		0.20	UG/L	8021	09/08/2008 15:57	TMF
Total Xylenes	ND		0.60	UG/L	8021	09/08/2008 15:57	TMF
Metals Analysis							
Iron - Total	1080		50.0	UG/L	200.7	09/09/2008 21:25	AH
Wet Chemistry Analysis							
Cyanide - Total	0.47		0.010	MG/L	335.4	09/13/2008 09:25	JM
pH	7.1		0.50	S.U.	4500-H+ B	09/05/2008 20:10	RJP

Sample ID: POST-CARBON
Lab Sample ID: A8A870010L
Date Collected: 09/05/2008
Time Collected: 14:35

Date Received: 09/05/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
1,1,2,2-Tetrachloroethane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
1,1,2-Trichloroethane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
1,1-Dichloroethane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
1,1-Dichloroethene	ND		10	UG/L	8260	09/16/2008 01:07	CDC
1,2-Dichloroethane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
1,2-Dichloroethene (Total)	2	DJ	20	UG/L	8260	09/16/2008 01:07	CDC
1,2-Dichloropropane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
2-Butanone	ND		50	UG/L	8260	09/16/2008 01:07	CDC
2-Hexanone	ND		50	UG/L	8260	09/16/2008 01:07	CDC
4-Methyl-2-pentanone	ND		50	UG/L	8260	09/16/2008 01:07	CDC
Acetone	ND		50	UG/L	8260	09/16/2008 01:07	CDC
Benzene	140	D	10	UG/L	8260	09/16/2008 01:07	CDC
Bromodichloromethane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Bromoform	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Bromomethane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Carbon Disulfide	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Carbon Tetrachloride	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Chlorobenzene	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Chloroethane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Chloroform	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Chloromethane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
cis-1,3-Dichloropropene	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Dibromochloromethane	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Ethylbenzene	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Methylene chloride	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Styrene	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Tetrachloroethene	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Toluene	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Total Xylenes	ND		30	UG/L	8260	09/16/2008 01:07	CDC
trans-1,3-Dichloropropene	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Trichloroethene	ND		10	UG/L	8260	09/16/2008 01:07	CDC
Vinyl acetate	ND		50	UG/L	8260	09/16/2008 01:07	CDC
Vinyl chloride	2	DJ	10	UG/L	8260	09/16/2008 01:07	CDC

Sample ID: PRE-CARBON
Lab Sample ID: A8A87002
Date Collected: 09/05/2008
Time Collected: 14:30

Date Received: 09/05/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Calcium - Total	176000		500	UG/L	200.7	09/09/2008 21:30	AH
Iron - Total	1160		50.0	UG/L	200.7	09/09/2008 21:30	AH
Magnesium - Total	96800		200	UG/L	200.7	09/09/2008 21:30	AH
Potassium - Total	5920		500	UG/L	200.7	09/09/2008 21:30	AH
Sodium - Total	90400		1000	UG/L	200.7	09/09/2008 21:30	AH
Wet Chemistry Analysis							
Chloride	171		2.5	MG/L	300.0	09/17/2008 14:27	AEG
Sulfate	195		10	MG/L	300.0	09/17/2008 14:27	AEG
Total Alkalinity	511		100	MG/L	310.2	09/08/2008 19:21	RLG

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
ART KOSKE		9-5-08	095885
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
City / State / Zip Code	**Site Contact / Lab Contact**		
Project Name and Location (State)	**Carrier/Waybill Number**		
NYSDEC - GASTOWN			
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: T. METALS	T FE	CL	SO4	TMK	GAS VOA	TCL VOAS	PH	T CN
PRE CARBON	9-5-08	14 30		X					1				X	X							
PRE CARBON	9-5-08	14 30		X			1								X	X					
PRE CARBON	9-5-08	14 30		X			1										X				
POST CARBON	9-5-08	14 35		X						B								X	X		
POST CARBON	9-5-08	14 35		X			1													X	
POST CARBON	9-5-08	14 35		X					1					X							
POST CARBON	9-5-08	14 35		X							1										X

Special Instructions/ Conditions of Receipt

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 _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9-5-08	15:15	1. Received By	9/5/08	1515
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

2.0°

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

13/13

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-C198

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC - Gastown WWTP: Spill# 9213441

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Charles B. Guzzetta

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

10/16/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8C19801	POST-CARBON	GW	10/03/2008	14:00	10/03/2008	15:00
A8C19802	PRE-CARBON	GW	10/03/2008	13:55	10/03/2008	15:00

METHODS SUMMARY

Job#: A08-C198

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - SW8463 8260/5 ML	SW8463 8260
METHOD 8021 - VOLATILE ORGANICS - STARS	SW8463 8021
Calcium - Total	MCAWW 200.7
Iron - Total	MCAWW 200.7
Magnesium - Total	MCAWW 200.7
Potassium - Total	MCAWW 200.7
Sodium - Total	MCAWW 200.7
Chloride	MCAWW 300.0
Cyanide - Total	MCAWW 335.4
pH	SM20 4500-H+ B
Sulfate	MCAWW 300.0
Total Alkalinity	MCAWW 310.2

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-C198

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-C198
Sample Cooler(s) were received at the following temperature(s); 3.6 °C
All samples were received in good condition.

GC/MS Volatile Data

The analyte Tetrachloroethene was detected in the Method Blank VBLK83, but at a level below the project established reporting limit. The analyte was also detected in the associated sample but at a level below the project established reporting limit. No corrective action is required.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

Sample POST-CARBON was received and analyzed within the EPA-recommended holding time for pH. However the quality control standards were biased high. The sample was reanalyzed outside of holding time. Both sets of results are reported.

The recovery of sample POST-CARBON Matrix Spike exhibited results above the quality control limits for Total Cyanide. However, the LCS was acceptable.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

10-16-03
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
PRE-CARBON	A8C19802	Chloride	5.00	008
PRE-CARBON	A8C19802	Sulfate	5.00	008
PRE-CARBON	A8C19802	Total Alkalinity	10.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: POST-CARBON
Lab Sample ID: A8C19801
Date Collected: 10/03/2008
Time Collected: 14:00

Date Received: 10/03/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
1,1,2,2-Tetrachloroethane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
1,1,2-Trichloroethane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
1,1-Dichloroethane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
1,1-Dichloroethene	ND		5	UG/L	8260	10/14/2008 16:45	TRB
1,2-Dichloroethane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
1,2-Dichloroethene (Total)	ND		10	UG/L	8260	10/14/2008 16:45	TRB
1,2-Dichloropropane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
2-Butanone	ND		25	UG/L	8260	10/14/2008 16:45	TRB
2-Hexanone	ND		25	UG/L	8260	10/14/2008 16:45	TRB
4-Methyl-2-pentanone	ND		25	UG/L	8260	10/14/2008 16:45	TRB
Acetone	ND		25	UG/L	8260	10/14/2008 16:45	TRB
Benzene	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Bromodichloromethane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Bromoform	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Bromomethane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Carbon Disulfide	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Carbon Tetrachloride	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Chlorobenzene	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Chloroethane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Chloroform	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Chloromethane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
cis-1,3-Dichloropropene	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Dibromochloromethane	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Ethylbenzene	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Methylene chloride	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Styrene	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Tetrachloroethene	0.6	BJ	5	UG/L	8260	10/14/2008 16:45	TRB
Toluene	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Total Xylenes	ND		15	UG/L	8260	10/14/2008 16:45	TRB
trans-1,3-Dichloropropene	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Trichloroethene	ND		5	UG/L	8260	10/14/2008 16:45	TRB
Vinyl acetate	ND		25	UG/L	8260	10/14/2008 16:45	TRB
Vinyl chloride	1	J	5	UG/L	8260	10/14/2008 16:45	TRB
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		0.20	UG/L	8021	10/05/2008 14:02	LMW
1,3,5-Trimethylbenzene	ND		0.20	UG/L	8021	10/05/2008 14:02	LMW
Benzene	ND		0.20	UG/L	8021	10/05/2008 14:02	LMW
Ethylbenzene	ND		0.20	UG/L	8021	10/05/2008 14:02	LMW
Isopropylbenzene	ND		0.20	UG/L	8021	10/05/2008 14:02	LMW
m-Xylene	ND		0.40	UG/L	8021	10/05/2008 14:02	LMW
Methyl-t-Butyl Ether (MTBE)	ND		0.40	UG/L	8021	10/05/2008 14:02	LMW
n-Butylbenzene	ND		0.40	UG/L	8021	10/05/2008 14:02	LMW
n-Propylbenzene	ND		0.20	UG/L	8021	10/05/2008 14:02	LMW
o-Xylene	ND		0.20	UG/L	8021	10/05/2008 14:02	LMW
p-Cymene	ND		0.40	UG/L	8021	10/05/2008 14:02	LMW
p-Xylene	ND		0.40	UG/L	8021	10/05/2008 14:02	LMW
sec-Butylbenzene	ND		0.40	UG/L	8021	10/05/2008 14:02	LMW

Sample ID: POST-CARBON
Lab Sample ID: A8C19801
Date Collected: 10/03/2008
Time Collected: 14:00

Date Received: 10/03/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	ND		0.20	UG/L	8021	10/05/2008 14:02	LMW
Total Xylenes	ND		0.60	UG/L	8021	10/05/2008 14:02	LMW
Metals Analysis							
Iron - Total	151		50.0	UG/L	200.7	10/08/2008 20:12	AH
Wet Chemistry Analysis							
Cyanide - Total	0.24		0.010	MG/L	335.4	10/07/2008 08:35	ERK
pH	7.8		0.50	S.U.	4500-H+ B	10/03/2008 21:21	RK

Sample ID: POST-CARBON
Lab Sample ID: A8C19801RE
Date Collected: 10/03/2008
Time Collected: 14:00

Date Received: 10/03/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Wet Chemistry Analysis							
pH	7.8		0.50	S.U.	4500-H+ B	10/07/2008 10:57	KD

Sample ID: PRE-CARBON
Lab Sample ID: A8C19802
Date Collected: 10/03/2008
Time Collected: 13:55

Date Received: 10/03/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Calcium - Total	131000		500	UG/L	200.7	10/08/2008 20:17	AH
Iron - Total	1050		50.0	UG/L	200.7	10/08/2008 20:17	AH
Magnesium - Total	67400		200	UG/L	200.7	10/08/2008 20:17	AH
Potassium - Total	4690		500	UG/L	200.7	10/08/2008 20:17	AH
Sodium - Total	64900		1000	UG/L	200.7	10/08/2008 20:17	AH
Wet Chemistry Analysis							
Chloride	127		2.5	MG/L	300.0	10/13/2008 15:39	AEG
Sulfate	148		10	MG/L	300.0	10/13/2008 15:39	AEG
Total Alkalinity	410		100	MG/L	310.2	10/08/2008 18:29	RLG

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
ART KOSKE		10-3-08	111816
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Project Name and Location (State)	**Carrier/Waybill Number**		
NYS DEC - GASTOWN			
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	T. METALS	TFE	CL	SO4	TALK	GAS VOA	TCL VOA	PH	T CN	Special Instructions/ Conditions of Receipt
PRE CARBON	10-3-08	13:55		X					1				X	X								
PRE CARBON	10-3-08	13:55		X			1								X	X						
PRE CARBON	10-3-08	13:55		X			1										X					
POST CARBON	10-3-08	14:00		X						8								X	X			
POST CARBON	10-3-08	14:00		X			1													X		
POST CARBON	10-3-08	14:00		X					1					X								
POST CARBON	10-3-08	14:00		X							1										X	

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 _____

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
	10-3-08	15:00		10.3.08	1500
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

3.6

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

13/13

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Job#: A08-F998

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC - Gastown WWTP: Spill# 9213441

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Charles B. Guzzetta

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

01/08/2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 11/3/2008

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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8F99801	POST-CARBON	GW	12/17/2008	11:30	12/17/2008	13:20
A8F99802	PRE-CARBON	GW	12/17/2008	11:20	12/17/2008	13:20

METHODS SUMMARY

Job#: A08-F998

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - SW8463 8260/5 ML	SW8463 8260
METHOD 8021 - VOLATILE ORGANICS - STARS	SW8463 8021
NYSDEC - METHOD 8270 Gastown	SW8463 8270
GASTOWN - METHOD 608 - P.P. PESTICIDES	CFR136 608PEST
Arsenic - Total	MCAWW 200.7
Calcium - Total	MCAWW 200.7
Iron - Total	MCAWW 200.7
Magnesium - Total	MCAWW 200.7
Manganese - Total	MCAWW 200.7
Potassium - Total	MCAWW 200.7
Sodium - Total	MCAWW 200.7
Zinc - Total	MCAWW 200.7
Biochemical Oxygen Demand	SM20 5210B
Chloride	MCAWW 300.0
Cyanide - Total	MCAWW 335.4
Oil & Grease	MCAWW 1664
pH	SM20 4500-H+ B
Sulfate	MCAWW 300.0
Total Alkalinity	MCAWW 310.2
Total Dissolved Solids	SM20 2540C
Total Recoverable Phenolics	MCAWW 420.4
Total Suspended Solids	SM20 2540D

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-F998

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-F998
Sample Cooler(s) were received at the following temperature(s); 4.3 °C
All samples were received in good condition.

GC/MS Volatile Data

The analytes Acetone and 2-Butanone were detected in the dilution for sample Post-Carbon. The dilution process involves additional manipulation of the sample, therefore, the sample detections for Acetone and 2-Butanone in the dilution may potentially be due to laboratory contamination and should be evaluated accordingly.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

The analyte Indene was searched for as a tentatively identified compound (TIC).

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

1-9-08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
POST-CARBON	A8F99801	8021	20.00	008
POST-CARBON	A8F99801DL	8260	4.00	008
PRE-CARBON	A8F99802	8021	500.00	008
PRE-CARBON	A8F99802	8260	100.00	008
PRE-CARBON	A8F99802	Chloride	2.00	008
PRE-CARBON	A8F99802	Sulfate	2.00	008
PRE-CARBON	A8F99802	Total Alkalinity	5.00	008
PRE-CARBON	A8F99802MS	8021	500.00	008
PRE-CARBON	A8F99802SD	8021	500.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

Date: 01/08/2009 Requested Reporting Limits < Lab PQL Page: 1
Time: 15:46:41 Rept: AN1520

The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to lab MDL. It must be noted that results reported below lab standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client RL	Lab PQL
420.4	Total Recoverable Phenolics	MG/L	0.0050	0.010

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: POST-CARBON
Lab Sample ID: A8F99801
Date Collected: 12/17/2008
Time Collected: 11:30

Date Received: 12/17/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
1,1,2,2-Tetrachloroethane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
1,1,2-Trichloroethane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
1,1-Dichloroethane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
1,1-Dichloroethene	ND		5	UG/L	8260	12/24/2008 17:47	DHC
1,2-Dichloroethane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
1,2-Dichloroethene (Total)	2	J	10	UG/L	8260	12/24/2008 17:47	DHC
1,2-Dichloropropane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
2-Butanone	ND		25	UG/L	8260	12/24/2008 17:47	DHC
2-Hexanone	ND		25	UG/L	8260	12/24/2008 17:47	DHC
4-Methyl-2-pentanone	ND		25	UG/L	8260	12/24/2008 17:47	DHC
Acetone	ND		25	UG/L	8260	12/24/2008 17:47	DHC
Benzene	240	E	5	UG/L	8260	12/24/2008 17:47	DHC
Bromodichloromethane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Bromoform	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Bromomethane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Carbon Disulfide	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Carbon Tetrachloride	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Chlorobenzene	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Chloroethane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Chloroform	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Chloromethane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
cis-1,3-Dichloropropene	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Dibromochloromethane	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Ethylbenzene	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Methylene chloride	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Styrene	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Tetrachloroethene	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Toluene	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Total Xylenes	ND		15	UG/L	8260	12/24/2008 17:47	DHC
trans-1,3-Dichloropropene	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Trichloroethene	ND		5	UG/L	8260	12/24/2008 17:47	DHC
Vinyl acetate	ND		25	UG/L	8260	12/24/2008 17:47	DHC
Vinyl chloride	0.6	J	5	UG/L	8260	12/24/2008 17:47	DHC
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		0.69	UG/L	8021	12/26/2008 16:16	MAN
1,3,5-Trimethylbenzene	ND		0.59	UG/L	8021	12/26/2008 16:16	MAN
Benzene	240		0.47	UG/L	8021	12/26/2008 16:16	MAN
Ethylbenzene	ND		0.57	UG/L	8021	12/26/2008 16:16	MAN
Isopropylbenzene	ND		0.54	UG/L	8021	12/26/2008 16:16	MAN
m-Xylene	ND		1.1	UG/L	8021	12/26/2008 16:16	MAN
Methyl-t-Butyl Ether (MTBE)	ND		0.87	UG/L	8021	12/26/2008 16:16	MAN
n-Butylbenzene	ND		0.62	UG/L	8021	12/26/2008 16:16	MAN
n-Propylbenzene	ND		0.57	UG/L	8021	12/26/2008 16:16	MAN
o-Xylene	ND		0.54	UG/L	8021	12/26/2008 16:16	MAN
p-Cymene	ND		0.59	UG/L	8021	12/26/2008 16:16	MAN
p-Xylene	ND		1.1	UG/L	8021	12/26/2008 16:16	MAN
sec-Butylbenzene	ND		0.41	UG/L	8021	12/26/2008 16:16	MAN

Sample ID: POST-CARBON
Lab Sample ID: A8F99801
Date Collected: 12/17/2008
Time Collected: 11:30

Date Received: 12/17/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	ND		0.71	UG/L	8021	12/26/2008 16:16	MAN
Total Xylenes	ND		1.6	UG/L	8021	12/26/2008 16:16	MAN
NYSDEC - GASTOWN WWTP LIST/8270 - W							
2-Methylnaphthalene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Acenaphthene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Acenaphthylene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Anthracene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Benzo(a)anthracene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Benzo(a)pyrene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Benzo(b)fluoranthene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Benzo(ghi)perylene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Benzo(k)fluoranthene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Biphenyl	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Bis(2-ethylhexyl) phthalate	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Carbazole	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Chrysene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Dibenzo(a,h)anthracene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Dibenzofuran	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Fluoranthene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Fluorene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Indene (TIC)	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Indeno(1,2,3-cd)pyrene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Naphthalene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Pentachlorophenol	ND		47	UG/L	8270	12/31/2008 17:52	JLG
Phenanthrene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
Phenol	4.8	J	47	UG/L	8270	12/31/2008 17:52	JLG
Pyrene	ND		9.5	UG/L	8270	12/31/2008 17:52	JLG
GASTOWN - AQUEOUS-CFR136 608 - P.P. PESTICIDE							
4,4'-DDD	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
4,4'-DDE	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
4,4'-DDT	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Aldrin	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
alpha-BHC	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
beta-BHC	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Chlordane	ND		0.47	UG/L	608PEST	12/23/2008 15:06	TCH
delta-BHC	0.020	J	0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Dieldrin	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Endosulfan I	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Endosulfan II	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Endosulfan Sulfate	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Endrin	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Endrin aldehyde	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
gamma-BHC (Lindane)	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Heptachlor	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Heptachlor epoxide	ND		0.047	UG/L	608PEST	12/23/2008 15:06	TCH
Toxaphene	ND		0.94	UG/L	608PEST	12/23/2008 15:06	TCH

Sample ID: POST-CARBON
Lab Sample ID: A8F99801
Date Collected: 12/17/2008
Time Collected: 11:30

Date Received: 12/17/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Arsenic - Total	ND		10	UG/L	200.7	12/19/2008 05:30	AH
Iron - Total	1250		50.0	UG/L	200.7	12/19/2008 05:30	AH
Manganese - Total	248		3.0	UG/L	200.7	12/19/2008 05:30	AH
Zinc - Total	19.2		10	UG/L	200.7	12/19/2008 05:30	AH
Wet Chemistry Analysis							
Biochemical Oxygen Demand	ND		2.0	MG/L	5210B	12/17/2008 13:00	RK
Cyanide - Total	0.41		0.010	MG/L	335.4	12/19/2008 11:50	LRM
Oil & Grease	ND		5.0	MG/L	1664	12/18/2008 09:08	EJS
pH	7.6		0.50	S.U.	4500-H+ B	12/18/2008 11:20	KD
Total Dissolved Solids	982		10	MG/L	2540C	12/20/2008 15:35	MM
Total Recoverable Phenolics	0.0066		0.0050	MG/L	420.4	12/23/2008 11:00	KD
Total Suspended Solids	ND		4.0	MG/L	2540D	12/19/2008 11:50	MM

Sample ID: POST-CARBON
Lab Sample ID: A8F99801DL
Date Collected: 12/17/2008
Time Collected: 11:30

Date Received: 12/17/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		20	UG/L	8260	12/28/2008 17:18	ND
1,1,2,2-Tetrachloroethane	ND		20	UG/L	8260	12/28/2008 17:18	ND
1,1,2-Trichloroethane	ND		20	UG/L	8260	12/28/2008 17:18	ND
1,1-Dichloroethane	ND		20	UG/L	8260	12/28/2008 17:18	ND
1,1-Dichloroethene	ND		20	UG/L	8260	12/28/2008 17:18	ND
1,2-Dichloroethane	ND		20	UG/L	8260	12/28/2008 17:18	ND
1,2-Dichloroethene (Total)	ND		40	UG/L	8260	12/28/2008 17:18	ND
1,2-Dichloropropane	ND		20	UG/L	8260	12/28/2008 17:18	ND
2-Butanone	13	DJ	100	UG/L	8260	12/28/2008 17:18	ND
2-Hexanone	ND		100	UG/L	8260	12/28/2008 17:18	ND
4-Methyl-2-pentanone	ND		100	UG/L	8260	12/28/2008 17:18	ND
Acetone	12	DJ	100	UG/L	8260	12/28/2008 17:18	ND
Benzene	300	D	20	UG/L	8260	12/28/2008 17:18	ND
Bromodichloromethane	ND		20	UG/L	8260	12/28/2008 17:18	ND
Bromoform	ND		20	UG/L	8260	12/28/2008 17:18	ND
Bromomethane	ND		20	UG/L	8260	12/28/2008 17:18	ND
Carbon Disulfide	ND		20	UG/L	8260	12/28/2008 17:18	ND
Carbon Tetrachloride	ND		20	UG/L	8260	12/28/2008 17:18	ND
Chlorobenzene	ND		20	UG/L	8260	12/28/2008 17:18	ND
Chloroethane	ND		20	UG/L	8260	12/28/2008 17:18	ND
Chloroform	ND		20	UG/L	8260	12/28/2008 17:18	ND
Chloromethane	ND		20	UG/L	8260	12/28/2008 17:18	ND
cis-1,3-Dichloropropene	ND		20	UG/L	8260	12/28/2008 17:18	ND
Dibromochloromethane	ND		20	UG/L	8260	12/28/2008 17:18	ND
Ethylbenzene	ND		20	UG/L	8260	12/28/2008 17:18	ND
Methylene chloride	ND		20	UG/L	8260	12/28/2008 17:18	ND
Styrene	ND		20	UG/L	8260	12/28/2008 17:18	ND
Tetrachloroethene	ND		20	UG/L	8260	12/28/2008 17:18	ND
Toluene	ND		20	UG/L	8260	12/28/2008 17:18	ND
Total Xylenes	ND		60	UG/L	8260	12/28/2008 17:18	ND
trans-1,3-Dichloropropene	ND		20	UG/L	8260	12/28/2008 17:18	ND
Trichloroethene	ND		20	UG/L	8260	12/28/2008 17:18	ND
Vinyl acetate	ND		100	UG/L	8260	12/28/2008 17:18	ND
Vinyl chloride	ND		20	UG/L	8260	12/28/2008 17:18	ND

Sample ID: PRE-CARBON
Lab Sample ID: A8F99802
Date Collected: 12/17/2008
Time Collected: 11:20

Date Received: 12/17/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SW8463 8260/5 ML							
1,1,1-Trichloroethane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
1,1,2,2-Tetrachloroethane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
1,1,2-Trichloroethane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
1,1-Dichloroethane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
1,1-Dichloroethene	ND		500	UG/L	8260	12/24/2008 18:11	DHC
1,2-Dichloroethane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
1,2-Dichloroethene (Total)	ND		1000	UG/L	8260	12/24/2008 18:11	DHC
1,2-Dichloropropane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
2-Butanone	ND		2500	UG/L	8260	12/24/2008 18:11	DHC
2-Hexanone	ND		2500	UG/L	8260	12/24/2008 18:11	DHC
4-Methyl-2-pentanone	ND		2500	UG/L	8260	12/24/2008 18:11	DHC
Acetone	ND		2500	UG/L	8260	12/24/2008 18:11	DHC
Benzene	6400		500	UG/L	8260	12/24/2008 18:11	DHC
Bromodichloromethane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Bromoform	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Bromomethane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Carbon Disulfide	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Carbon Tetrachloride	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Chlorobenzene	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Chloroethane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Chloroform	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Chloromethane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
cis-1,3-Dichloropropene	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Dibromochloromethane	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Ethylbenzene	320	J	500	UG/L	8260	12/24/2008 18:11	DHC
Methylene chloride	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Styrene	210	J	500	UG/L	8260	12/24/2008 18:11	DHC
Tetrachloroethene	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Toluene	960		500	UG/L	8260	12/24/2008 18:11	DHC
Total Xylenes	330	J	1500	UG/L	8260	12/24/2008 18:11	DHC
trans-1,3-Dichloropropene	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Trichloroethene	ND		500	UG/L	8260	12/24/2008 18:11	DHC
Vinyl acetate	ND		2500	UG/L	8260	12/24/2008 18:11	DHC
Vinyl chloride	ND		500	UG/L	8260	12/24/2008 18:11	DHC
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
1,2,4-Trimethylbenzene	ND		17	UG/L	8021	12/18/2008 15:00	MAN
1,3,5-Trimethylbenzene	ND		15	UG/L	8021	12/18/2008 15:00	MAN
Benzene	6400		12	UG/L	8021	12/18/2008 15:00	MAN
Ethylbenzene	320		14	UG/L	8021	12/18/2008 15:00	MAN
Isopropylbenzene	ND		14	UG/L	8021	12/18/2008 15:00	MAN
m-Xylene	210	1	27	UG/L	8021	12/18/2008 15:00	MAN
Methyl-t-Butyl Ether (MTBE)	ND		22	UG/L	8021	12/18/2008 15:00	MAN
n-Butylbenzene	ND		15	UG/L	8021	12/18/2008 15:00	MAN
n-Propylbenzene	ND		14	UG/L	8021	12/18/2008 15:00	MAN
o-Xylene	410		14	UG/L	8021	12/18/2008 15:00	MAN
p-Cymene	ND		15	UG/L	8021	12/18/2008 15:00	MAN
p-Xylene	ND	1	27	UG/L	8021	12/18/2008 15:00	MAN
sec-Butylbenzene	ND		10	UG/L	8021	12/18/2008 15:00	MAN

Sample ID: PRE-CARBON
Lab Sample ID: A8F99802
Date Collected: 12/17/2008
Time Collected: 11:20

Date Received: 12/17/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8021 - VOLATILE ORGANICS - STA							
Toluene	940		18	UG/L	8021	12/18/2008 15:00	MAN
Total Xylenes	620		40	UG/L	8021	12/18/2008 15:00	MAN
Metals Analysis							
Calcium - Total	161000		500	UG/L	200.7	12/19/2008 05:35	AH
Iron - Total	652		50.0	UG/L	200.7	12/19/2008 05:35	AH
Magnesium - Total	83800		200	UG/L	200.7	12/19/2008 05:35	AH
Potassium - Total	4900		500	UG/L	200.7	12/19/2008 05:35	AH
Sodium - Total	81100		1000	UG/L	200.7	12/19/2008 05:35	AH
Wet Chemistry Analysis							
Chloride	152		1.0	MG/L	300.0	12/26/2008 12:07	BWM
Sulfate	184		4.0	MG/L	300.0	12/26/2008 12:07	BWM
Total Alkalinity	431		50.0	MG/L	310.2	12/21/2008 11:27	RLG

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		12-17-08	122589
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 2
City / State / Zip Code	Site Contact / Lab Contact		
Project Name and Location (State): NYS DEC - CASTOWN	Carrier/Waybill Number		
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: T. METALS	T. FE	CL	SO4	TCL VOAS	GAS VOA	TMLK	8270 GAS	PP PEST	BOD	TDS	HEM	TS SOLIDS	Special Instructions/ Conditions of Receipt
PRE CARBON	12-17-08	11:20		X					1				X	X												
PRE CARBON	12-17-08	11:20		X			1								X	X										
PRE CARBON	12-17-08	11:20		X						8							X	X								
PRE CARBON	12-17-08	11:20		X			1												X							
POST CARBON	12-17-08	11:30		X					1				X	X												
POST CARBON	12-17-08	11:30		X						8							X	X								
POST CARBON	12-17-08	11:30		X			3													X	X					
POST CARBON	12-17-08	11:30		X			2															X	X		X	
POST CARBON	12-17-08	11:30		X				1																X		

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 _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12-17-08	13:20	1. Received By	12/17/08	1320
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

4.3°C

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

17/18

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ART KOSKE		12-17-08	392693
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Project Name and Location (State)	**Carrier/Waybill Number**		
NYS DEC - GASTOWN			
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.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: T PHENOLS	PH	TCN	Special Instructions/ Conditions of Receipt
POST CARBON	12-17-08	11:30		X				1					X			
POST CARBON	12-17-08	11:30		X			1							X		
POST CARBON	12-17-08	11:30		X							1				X	

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 _____

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		12-17-08	13:20		12/17/08	1320
2.						
3.						

Comments: 4.3°C

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

18/18