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January 14, 2010
File: 94-022

Mr. Brian Sadowski
New York State Department of Environmental Conservation, Region 9
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203-2999

Re: 2009 PERIODIC REVIEW REPORT
Chem-Trol Site, Registry No. 9-15-015,
Blasdell, Erie County

Dear Mr. Sadowski:

The New York State Department of Environmental Conservation (NYSDEC) provided notice in a letter dated March 25, 2009 that the format for the Annual Site Management Reports submitted in previous years has been modified and is now referred to as the Periodic Review Report (PRR). In a letter dated December 4, 2009, the NYSDEC indicated that the PRR is due January 20, 2010. McMahon & Mann Consulting Engineers, P.C. (MMCE) has prepared this PRR on behalf of SC Holdings, Inc. (SC Holdings) using the suggested guidelines provided by the NYSDEC.

Also, included with this PRR is a completed Institutional and Engineering Control Certification Form.

I. INTRODUCTION

The Chem-Trol site is located at 4818 Lake Avenue, Town of Hamburg, in Erie County, New York. Chem-Trol Pollution Services purchased the property in 1969 and operated the site as a waste chemical processing facility that included chemical recovery, storage and neutralization. Wastes, including capacitors, pesticides, oil sludges, paint sludges, spent solvents and pickle liquors, were accepted at the facility for processing. The facility ceased operations in 1972 and operations were moved to a new facility in Model City, New York.

Chem-Trol was acquired by SCA Services, Inc in 1973 and SCA Services, Inc. was acquired as a subsidiary of Waste Management, Inc. in 1984.

As the result of the waste processing activities at the Hamburg location, on-site soil and groundwater were impacted with heavy metals and volatile organic compounds (VOCs). In 1977, as part of the facility closure activities, Chem-Trol removed approximately 95 cubic yards of contaminated soils, placed clean soil cover and established vegetative cover over the area.

Investigative studies led to a Record of Decision (ROD) in 1996 that specified additional remedial activities. These included removal of additional soils, construction of a soil vapor extraction (SVE) system and a groundwater collection and treatment system. The groundwater collection and treatment system includes a shallow tray air stripper that removes VOCs from the collected groundwater. The treated groundwater is discharged via pipe to the South Branch of Smokes Creek.

Operation of the SVE system and the groundwater collection and treatment system continued through 2009. Analytical data collected since the systems began operation indicates that both systems are contributing to a reduction of contamination in the soil and groundwater.

Based on the fact that both systems have shown a reduction in soil and groundwater contamination, SC Holdings, in a letter dated October 22, 2009 (see Attachment A), requested approval to change the operation of the SVE system from active to passive operation. An agency response to this request is still forthcoming.

II. SITE OVERVIEW

The Chem-Trol site is situated in an urban setting with industrial/commercial areas to the north and east, commercial development along Lake Avenue to the south, and residential areas to the west, across the South Branch of Smokes Creek (Smokes Creek), as shown on Figure 1.

Investigations completed between 1991 and 1994 showed contaminated soils generally located in the former operations and surface lagoon areas. Additional soil contamination was found in the on-site tributary of Smokes Creek as well as the flood plain along the western edge of the site. Contaminated groundwater was found in the shallow overburden as well as the deeper bedrock beneath the site. Groundwater contours developed as part of the investigations show that groundwater flows in a northwesterly direction beneath the site toward the south branch of Smokes Creek.

Because of the on-site contamination, the Chem-Trol site was assigned a hazardous waste site classification of 2 by the NYSDEC. This classification indicates that the site poses a significant threat to public health and/or the environment and that action in the form of further investigations and remediation is required.



The NYSDEC selected a remedial design based upon the results of the Remedial Investigation/Feasibility Study (RI/FS) for the Chem-Trol site. The March 1996 ROD selected a remedy that included:

- Excavation of soils and sediments from selected areas of the site,
- Installation of a groundwater collection trench along the western edge of the site,
- Improvement of the existing soil cover over the former chemical processing area, and
- Installation of a soil vapor extraction system within the former waste chemical processing area.

Goals for the remedial program have been established through the remediation selection process given in 6 NYCRR 375-1.10. The remediation goals established for this site include:

- Reduce and remove chemical contamination in the soils, sediments and groundwater at the site,
- Eliminate the potential for direct human or animal contact with the contaminated soils, sediments and groundwaters at the site,
- Prevent migration of contaminants in the on-site soils into the groundwater,
- Prevent off-site migration of contaminated groundwater and mitigate the impacts of contaminated groundwater to the environment, and
- Provide for attainment of Soil Cleanup Guidelines (SCG) for groundwater quality to the extent practical.

III. REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

SC Holdings monitors the performance of the groundwater collection and treatment system and the SVE system.

Groundwater Collection and Treatment System

SC Holdings has the following actions performed by third party consultants to ensure that the groundwater collection system intercepts, collects and treats groundwater as required in the ROD,

- Perform monthly operation and maintenance tasks on the system,
- Sample and analyze the groundwater collection and treatment system influent and effluent on a monthly basis,
- Sample and analyze air stripper air discharge on a monthly basis,
- Measure and record water levels in groundwater extraction wells and groundwater monitoring wells on a quarterly basis,
- Obtain annual groundwater samples from groundwater monitoring wells and analyze for organic compounds, and
- Prepare bedrock groundwater contours based on quarterly water level measurements collected during the year.



Effluent from the groundwater collection and treatment system (air stripper) discharges into the South Branch of Smokes Creek. Monthly aqueous effluent samples taken from the air stripper surface water discharge pipe are analyzed for surface water discharge parameter limit concentrations. Analytical test results show that discharge parameter concentrations in the stripper effluent were below the discharge limits established by the NYSDEC for the majority of 2009. The analytical test results for the effluent samples are included in the monthly O&M reports submitted to the NYSDEC.

During the October 2009 sampling event, o-chlorotoluene concentrations were observed in the stripper effluent in excess of discharge limits established by the NYSDEC. In response to this exceedence, the air stripper was acid washed on November 3, 2009 and the monthly aqueous effluent sampling was performed on November 13, 2009. Analytical test results for the November 2009 aqueous effluent sample again showed concentration and mass loading exceedences for o-chlorotoluene. In response to the November 2009 o-chlorotoluene discharge limit exceedence, the air stripper was recleaned and the December 2009 aqueous effluent sample was obtained on December 8, 2009. Elevated o-chlorotoluene concentrations were again observed in samples obtained during this monthly event. As a result, extensive rework of the air stripper was conducted in December, which culminated in compliant concentrations being observed in a sample obtained on December 28, 2009.

A summary of groundwater elevations measured in the groundwater monitoring wells and piezometers is included in Table 2.

The bedrock groundwater contours developed from the quarterly water level measurements are presented in Figures 2 through 5. The plots show that the three extraction wells located within the groundwater collection trench are depressing the water levels in the trench below natural groundwater levels in that area of the site. The resulting depression in the groundwater table creates groundwater flow gradients toward the collection trench. The bedrock groundwater elevation contours shown on Figures 2 through 5 demonstrate that the collection trench is functioning as designed to restrict off site flow from beneath the site and limit discharge to the South Branch of Smokes Creek.

VOC analytical test results of groundwater samples have historically detected o-chlorotoluene levels in higher concentrations than other organic compounds found in on site groundwater samples. Therefore, concentrations of o-chlorotoluene detected in groundwater samples collected from the inlet to the groundwater collection and treatment system have been used to assess the performance of the treatment system in reducing organic compound concentrations in the groundwater. The o-chlorotoluene concentration data for inlet groundwater samples was plotted versus time for the July 2002 through May 2009 sampling events (see Figure 2 in Attachment A). The plot shows that the concentration of o-chlorotoluene in the inlet groundwater samples from the treatment system has been reduced since initiation of treatment system operation. This indicates that the treatment system is meeting the remedial goal of reducing organic compound concentrations in the groundwater.



A summary of all organic compound analytical results for the yearly groundwater sampling event from 1990 through 2009 is included as Table 1. The 2009 groundwater sample analytical laboratory report is included as Attachment B.

Soil Vapor Extraction System

In order to demonstrate that the SVE system collects soil vapors as required in the ROD, SC Holdings has the following actions performed by third party consultants:

- On a monthly basis, check that the SVE system is operating;
- Perform quarterly VOC measurements on exhaust from SVE system blower; and
- Periodically obtain VOC samples from the SVE system and collection laterals for analytical testing.

A field investigation was performed in 2009 to evaluate the performance of the SVE system. Field investigations revealed that the SVE collection pipes are submerged by groundwater at certain times of the year and that modification of system operation may be warranted.

Analytical testing performed on soil vapor samples obtained from three laterals (#0, #1 and #7) that were above the water table at the time of the field investigation showed total VOC concentrations of approximately 4 parts per million by volume (ppmv) with the majority of VOCs being generated within lateral #7 at a total VOC concentration of approximately 3.8 ppmv. VOC concentrations for the 2009 soil vapor samples were compared with the VOC concentrations in soil vapor samples taken during remedial design field studies at the Chem-Trol site in 1997 (see Table 1 in Attachment A). The comparison shows that VOC concentrations in 2009 soil vapor samples were more than 1 order of magnitude lower than samples obtained during remedial design studies in 1997. The observed reduction in VOC concentrations in the soil vapor samples is discussed in Attachment A. Based on the results of this field investigation and discussion with NYSDEC representatives on September 15, 2009, SC Holdings has submitted a proposal to modify the operation of the SVE system by changing it from an active to a passive operation (see Attachment A).

IV. O&M PLAN COMPLIANCE

SC Holdings performs the following activities as part of the O&M Plan requirements:

Groundwater Collection and Treatment System

Third party consultants perform the following activities as part of monthly Operation and Maintenance (O&M) visits:

- Verify that each extraction well is running and performing properly,
- Insure that each pump is pumping, verify pumping rate, document total gallons pumped and insure that high and low water controls are functioning properly,



- Perform monthly influent and effluent analytical testing,
- Insure that air stripper is functioning properly, blower is running,
- Perform monthly inspections and cleaning of stripper trays. Insure Acid washes are performed quarterly or more often if necessary to promote optimum volatilization of volatile organic compounds, and
- Prepare and submit monthly O&M reports to the NYSDEC.

The monthly operation and maintenance reports submitted to the NYSDEC provide further details on specific activities performed, analytical testing results and observations made during the monthly O&M visits. With the exception of general maintenance work performed on pumps and sensors, as described in the monthly O&M reports, no significant issues have occurred to the groundwater collection and treatment system. Results of the treatment system performance are discussed in Section III.

Soil Vapor Extraction System

Third party consultants perform the follow activities as part of periodic O&M visits:

- Verify that the soil vapor extraction system is operating and imposing a vacuum on the soil vapor collection laterals. Remediate any alarm situations displayed on the panel box, inspect above ground components of the soil vapor collection header system for leaks or breaks in the piping,
- Prepare summary forms of monthly visits for submittal in the annual PRR, and
- Compile collected data for inclusion in the annual PRR.

Monthly 2009 site visit summaries are included as Attachment C. The summary sheets indicate the activities that occurred during the site visits.

V. OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

The groundwater collection and treatment system continues to function at reducing organic compounds in the groundwater and soil at the Chem-Trol site. As indicated by the o-chlorotoluene plot shown in Figure 2 of Attachment A, the concentrations of o-chlorotoluene in the groundwater have been reduced since initiation of system operation to a point that the plot is asymptotic. This indicates that the source contributing to VOC concentrations observed in groundwater has been reduced to where its influence on groundwater has stabilized. The data also show that the groundwater collection and treatment system is continuing to contain groundwater contaminants.

The SVE system also continues to function at reducing organic compounds in the soil at the Chem-Trol site. The results of compiled data presented in Table 1 of Attachment A, indicate that VOC concentrations in soil vapor samples obtained from the SVE system were approximately 1 or more orders of magnitude less than soil vapor samples obtained during remedial design field studies in 1997.

In addition, SC Holdings continues to perform the required monitoring and reporting requirements and operation and maintenance tasks listed above.



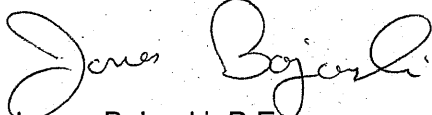
In addition, SC Holdings continues to perform the required monitoring and reporting requirements and operation and maintenance tasks listed above.

Based upon the reduction in SVE soil vapor sample VOC concentrations and the effective containment of groundwater VOC constituents by the groundwater collection and treatment system, SC Holdings has recommended converting the SVE system from active to passive operation as described in Attachment A.

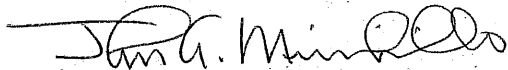
Please call MMCE (716-834-8932) or Mr. Mark Snyder (585-223-6132) if you have any questions or require any additional information after reviewing this report.

Sincerely yours,

McMAHON & MANN CONSULTING ENGINEERS, PC



James Bojarski, P.E.



John A. Minichiello, CPESC, CPSWQ

cc. Mark R. Snyder, P.E. (SC Holdings, Inc.) w/attachments

Enclosures:

- Institutional and Engineering Controls Certification Form
- Figure 1 - Site Map
- Figure 2 - 1st Quarter Bedrock Groundwater Contours
- Figure 3 - 2nd Quarter Bedrock Groundwater Contours
- Figure 4 - 3rd Quarter Bedrock Groundwater Contours
- Figure 5 - 4th Quarter Bedrock Groundwater Contours
- Table 1 - 1990 -2009 Yearly Analytical Test Results Summary
- Table 2 - Summary of Groundwater Elevations - 2009
- Attachment A - SVE System Evaluation Work Plan
- Attachment B - 2009 Annual Groundwater Sample Analytical Results Report
- Attachment C - MMCE 2009 Monthly Site Visit Summaries



**INSTITUTIONAL AND ENGINEERING CONTROLS
CERTIFICATION FORM**



Enclosure 1
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details		Box 1
Site No.	915015	
Site Name	Chem-Trol	
Site Address:	Lake Avenue	Zip Code: 14107
City/Town:	Hamburg	
County:	Erie	
Allowable Use(s) (If applicable, does not address local zoning):		
Site Acreage: 17.5		

Verification of Site Details		Box 2
	YES	NO
1. Are the Site Details above, correct?	☒	☐
If NO, are changes handwritten above or included on a separate sheet?		
	☐	
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment since the initial/last certification?	☐	☒
If YES, is documentation or evidence that documentation has been previously submitted included with this certification?		
	☐	
3. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property since the initial/last certification?	☐	☒
If YES, is documentation (or evidence that documentation has been previously submitted) included with this certification?		
	☐	
4. If use of the site is restricted, is the current use of the site consistent with those restrictions?	☒	☐
If NO, is an explanation included with this certification?		
	☐	
5. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒
If YES, is the new information or evidence that new information has been previously submitted included with this Certification?		
	☐	
6. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), are the assumptions in the Qualitative Exposure Assessment still valid (must be certified every five years)?	☒	☐
If NO, are changes in the assessment included with this certification?		
	☐	

SITE NO. 915015

Box 3

Description of Institutional Controls

Parcel

Institutional Control

S_B_L Image: 151.02-1-14.1

Decision Document
Ground Water Use Restriction
Landuse Restriction

Box 4

Description of Engineering Controls

Parcel

Engineering Control

S_B_L Image: 151.02-1-14.1

Cover System
Fencing/Access Control
Groundwater Containment
Pump & Treat

Attach documentation if IC/ECs cannot be certified or why IC/ECs are no longer applicable.
(See instructions)

Control Description for Site No. 915015

Parcel: 151.02-1-14.1

The controls identified in the Declaration of Covenants and Restrictions, recorded with Erie County on March 25, 2004, include but are not limited to the following: the owner of the Property shall maintain the cap covering the Property by maintaining its grass cover, or after obtaining written approval from the Relevant Agency, by capping the Property with another material; the property is prohibited from being used for purposes other than for industrial or commercial use, excluding use for day care, child care and medical care; the use of groundwater underlying the property is prohibited without treatment to render it safe for drinking water or industrial purposes, except that the groundwater may be reasonably used as necessary to conduct tests to monitor contamination levels of the groundwater. These restrictive covenants are binding and shall run with the land.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

3. If this site has an Operation and Maintenance (O&M) Plan (or equivalent as required in the Decision Document);

I certify by checking "YES" below that the O&M Plan Requirements (or equivalent as required in the Decision Document) are being met.

YES NO

☒ ☐

4. If this site has a Monitoring Plan (or equivalent as required in the remedy selection document);

I certify by checking "YES" below that the requirements of the Monitoring Plan (or equivalent as required in the Decision Document) is being met.

YES NO

☒ ☐

IC CERTIFICATIONS
SITE NO. 915015

Box 6

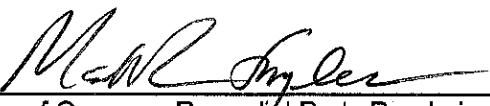
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Mark R. Snyder at 425 Perinton Parkway, Fairport, NY 14450
print name print business address

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.


Signature of Owner or Remedial Party Rendering Certification

01/14/10
Date

IC/EC CERTIFICATIONS

Box 7

QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) SIGNATURE

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I MICHAEL J. MANN at McMahon Mann Consulting Engineers
print name print business address

am certifying as a Qualified Environmental Professional for the Owner

(Owner or Remedial Party) for the Site named in the Site Details Section of this form.


Signature of Qualified Environmental Professional, for
the Owner or Remedial Party, Rendering Certification

Stamp (if Required)

1/14/10
Date

FIGURES

Figure 1 – Site Map

Figure 2 – 1st Quarter Bedrock Groundwater Contours

Figure 3 – 2nd Quarter Bedrock Groundwater Contours

Figure 4 – 3rd Quarter Bedrock Groundwater Contours

Figure 5 – 4th Quarter Bedrock Groundwater Contours



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ERIE COUNTY

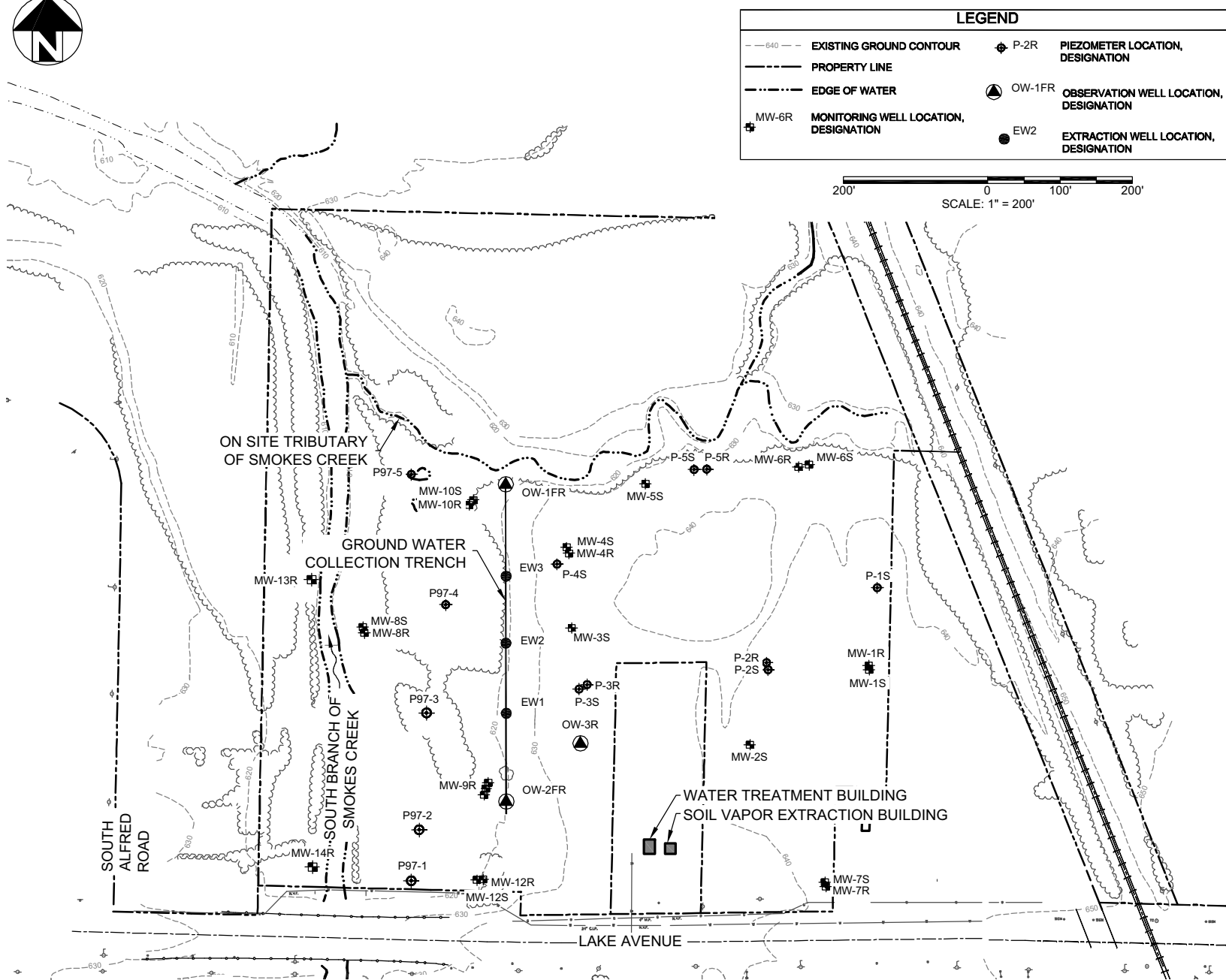
CHEM-TROL

NEW YORK

SITE MAP

DWG. NO. 94022-040

FIGURE 1





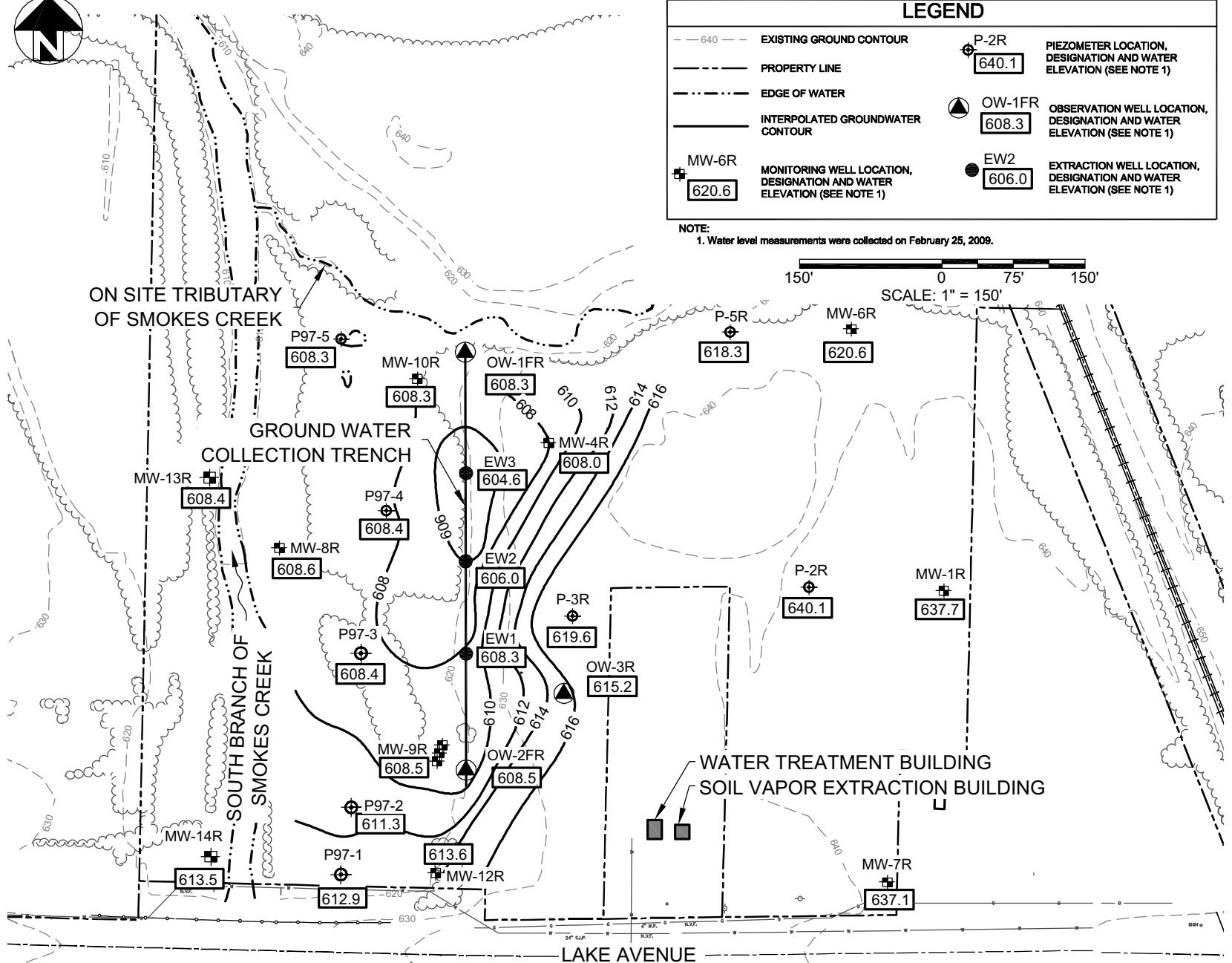
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FAX: (716) 834-8934

CHEM-TROL - 1st QUARTER
February 25, 2009
ERIE COUNTY
NEW YORK

BEDROCK GROUNDWATER
CONTOURS

DWG. NO. 94022-036

FIGURE 2

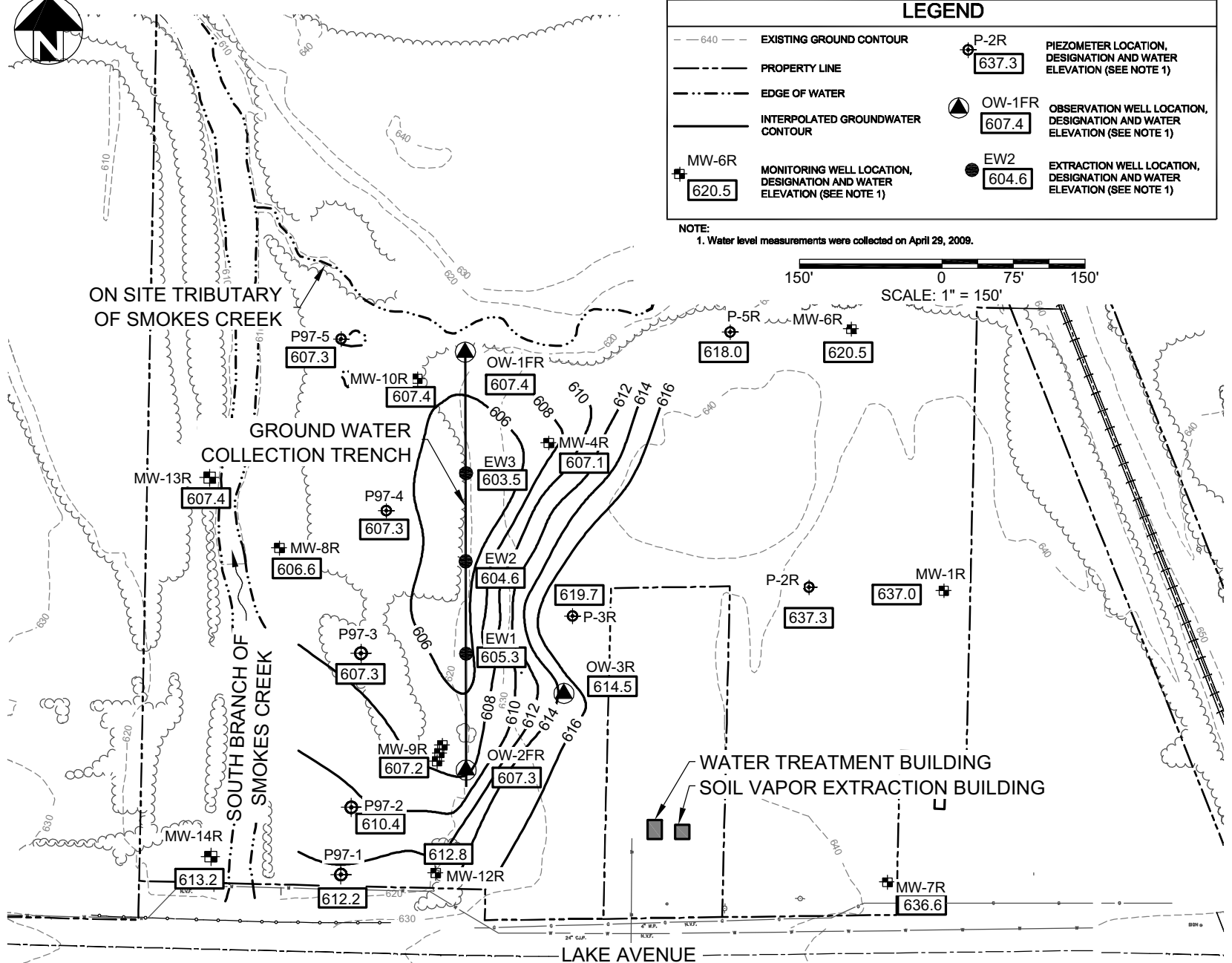




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CHEM-TROL - 2nd QUARTER
April 29, 2009
ERIE COUNTY
NEW YORK

**BEDROCK GROUNDWATER
CONTOURS**
DWG. NO. 94022-037
FIGURE 3

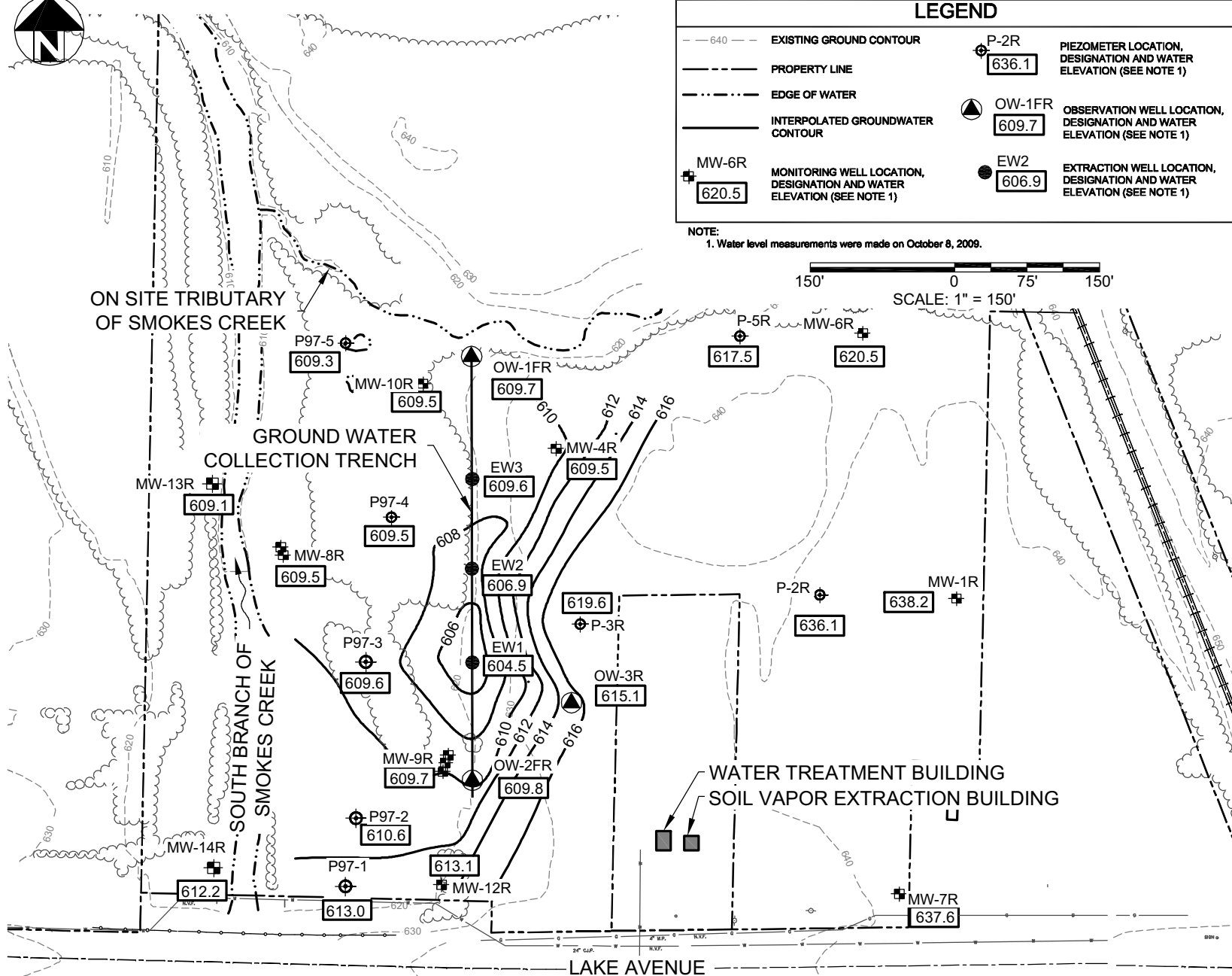




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CHEM-TROL - 3rd QUARTER
October 8, 2009
ERIE COUNTY
NEW YORK

**BEDROCK GROUNDWATER
CONTOURS**
DWG. NO. 94022-038
FIGURE 4

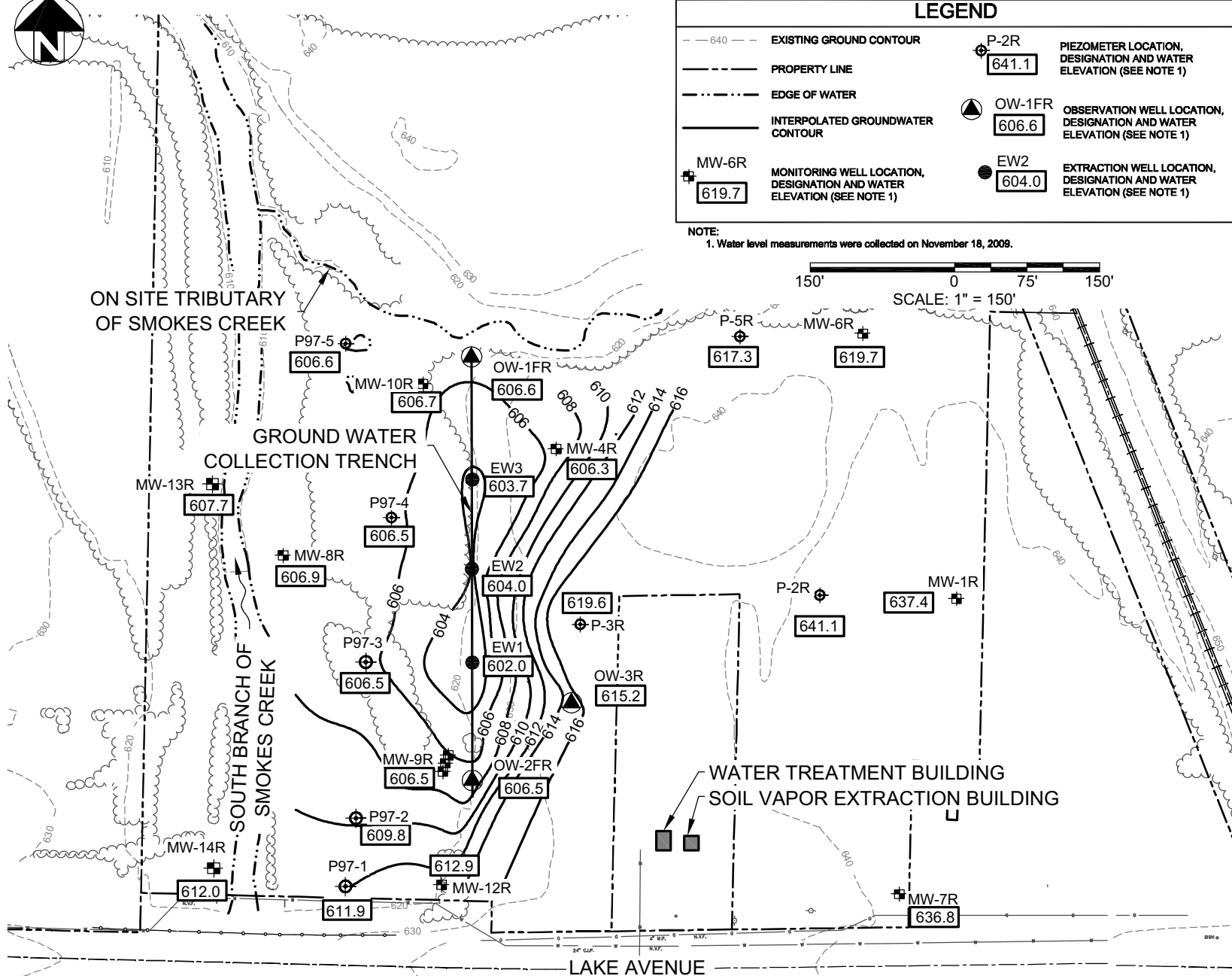




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FAX: (716) 834-8934

CHEM-TROL - 4th QUARTER
November 18, 2009
ERIE COUNTY
NEW YORK

BEDROCK GROUNDWATER
CONTOURS
DWG. NO. 94022-039
FIGURE 5



TABLES

Table 1 – 1990 - 2009 Yearly Analytical Test Results Summary

Table 2 – Summary of Groundwater Elevations 2009

Table 1
Chem Trol
1990 - 2009 Yearly Analytical Test Results Summary
MW-15R

		3/11/1999	10/22/2002	10/13/2003	10/26/2004	11/11/2005	9/2/2006	9/2/2006	9/20/2007	DL	9/24/2008	DL	9/22/2009	RL
1	1,1,1-Trichloroethane	ND	ND	ND	ND	ND (1)	ND (1)	ND (1)	ND	5	ND	5	ND	5
2	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
3	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
4	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
5	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
6	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
7	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
8	1,2-Dibromo-3-Chloropropane DBCP	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
9	1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
10	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
11	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
12	1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
13	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
14	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
15	Methyl Ethyl ketone	ND	ND	ND	ND	50 J (2)	6.4 J (2)	ND (2)	ND	25	ND	25	160	
16	o-Chlorotoluene	ND	ND	ND	2.9 BJ	ND BJ	5	ND	ND		ND		ND	
17	2-Hexanone	ND	ND	ND	ND	ND (2)	ND (2)	ND (2)	ND	25	ND	25	ND	25
18	Methyl Isobutyl Ketone	ND	ND	ND	ND	ND (2)	ND (2)	ND (2)	ND	25	ND	25	ND	25
19	Acetone	20 U (4)	ND	ND	ND	ND (2)	6.8 J (2)	ND (2)	3.3 BJ	25	ND	25	36	
20	Benzene	ND	24	15	14	13 J	12	13 DJ	12		15		ND	
21	Dichlorobromomethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
22	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
23	Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
24	Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
25	Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
26	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
27	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
28	Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
29	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
30	Chloromethane	ND	ND	ND	ND	7.6 J	ND	ND	ND		9.9		ND	
31	cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
32	cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
33	Cyclohexane	ND	180	170	190	190	240 E	220 D	92		130 E		ND	
34	Dichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
35	Ethylbenzene	ND	17	20	17	14 J	16	15 DJ	9.4		8.3		ND	
36	Isopropylbenzene	ND	3.1 J	3.3 J	2.5 J	2.5 J	2.6 J	2.6 DJ	1.6 J		2.9 J		ND	
37	Methyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
38	Methyl tert butyl ether	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
39	Methylcyclohexane	ND	110	86	99	80	120 E	96 D	26		71		ND	
40	Methylene chloride	ND	ND	ND	ND	ND	ND	7.6 DJ	ND		ND		ND	
41	Styrene	ND	ND	6.5	ND	ND	ND	ND	ND		ND		ND	
42	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
43	Toluene	ND	26	2.4 J	ND	ND	1.1 J	ND	ND		4.1 J		ND	
44	1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
44	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
45	trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
46	Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
47	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
48	Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	
49	Total Xylenes	ND	170	160	48	32 J (3)	61 (3)	67 DJ (3)	22	15	81	15	22	
	1-Chloro-2-methyl benzene	8 J	ND	ND	ND	ND	ND	ND	ND		ND		ND	
	1-Chloro-2-methyl benzene	23 J	ND	ND	ND	ND	ND	ND	ND		ND		ND	

NOTES: 1) All results reported in ug/L
2) **DL** refers to Detection Limit
3) **RL** refers to Reporting Limit
4) Shaded cells indicate detected compounds

1-ALL DL 25 UG/L UNLESS NOTED	1-ALL DL 5 UG/L UNLESS NOTED	1-ALL DL 25 UG/L UNLESS NOTED	DL 5 UG/L UNLESS NOTED OTHERWISE	DL 5 UG/L UNLESS NOTED OTHERWISE	RL 5 UG/L UNLESS NOTED OTHERWISE
2-DL 120 UG/L	2-DL 25 UG/L	2-DL 120 UG/L			
3-DL 75 UG/L	3-DL 15 UG/L	3-DL 75 UG/L			

ORGANIC DATA QUALIFIERS

- ND compound analyzed for, but not detected
J indicates an estimated value
B analyte is found in asociated blank and sample
D identifies compound identified in an analysis at the secondary dilution factor.
E concentration exceeds calibration range

Table 1
Chem Trol
1990 - 2009 Yearly Analytical Test Results Summary

	MW-13R																																										
	5/31/1994	3/11/1999	10/22/2002	10/22/2002	10/13/2003	10/26/2004	10/26/2004	11/11/2005	Diluted 11/11/2005	9/27/2006	9/27/2006	9/20/2007	DL	9/24/2008	DL	9/22/2009	RL																										
1,1,1-Trichloroethane	280 D (4)	220 J	79	ND	ND	ND	8.2	76 (1)	100 DJ	DJ	ND (1)	ND (1)	ND	40	ND	20	ND	5																									
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND		ND																										
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND		ND																										
1,1,2-Trichloro-1,2,2-trifluororethane	ND	ND	2.8 J	ND	ND	ND	ND	1 J	1		ND	ND	ND		ND		ND																										
1,1-Dichloroethane	6 J	240 J	190	ND	110 J	33	DJ	39	170 E	270 DJ	DJ	8.6		5.6 J		ND	17																										
1,1-Dichloroethene	270 D	22	3.7 J	ND	ND	ND		ND	1.5 J		ND	ND	ND		ND		ND																										
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND	ND		ND		ND																										
1,2-Dibromo-3-Chloropropane DBCP	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND	ND		ND		ND																										
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND	ND		ND		ND																										
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND	ND		ND		ND																										
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND	ND		ND		ND																										
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND	ND		ND		ND																										
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND	ND		ND		ND																										
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND	ND		ND		ND																										
Methyl Ethyl ketone	ND	ND	ND	ND	ND	ND		ND (25)	ND (2)		ND (2)	ND (2)		ND	200	ND	100	ND	25																								
o-Chlorotoluene	1700 DJ	ND	3300 E	4200 D	4500	1900 BD		820 E	1700 E	4900 D (3)		600 BE	680 BD		440		250	600																									
2-Hexanone	ND	ND	ND	ND	ND	ND		ND	ND (2)		ND (2)	ND (2)		ND	200	ND	100	ND	25																								
Methyl Isobutyl Ketone	ND	ND	ND	ND	ND	ND		ND	ND (25)		ND (2)	ND (2)		ND	200	ND	100	ND	25																								
Acetone	ND	ND	ND	ND	ND	ND		ND	ND (2)		ND (2)	ND (2)		ND	200	ND	100	ND																									
Benzene	2 J	ND	7	ND	ND	ND		2.6 J	4.6 J		ND	0.61 J		ND		ND		ND																									
Dichlorobromomethane	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Bromoform	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Bromomethane	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Carbon Disulfide	26	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Chlorobenzene	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Dibromochloromethane	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Chloroethane	22	73	ND	ND	ND	28 DJ		32	45		ND	12		23 J		4.8 J		140																									
Chloroform	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Chloromethane	ND	ND	ND	ND	ND	ND		1.8 J	ND		ND	ND		ND		ND		ND																									
cis-1,2-Dichloroethene	ND	10	11	ND	ND	ND		1.6 J	3.2 J		ND	1 J		ND		ND		ND																									
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Cyclohexane	ND	ND	ND	ND	ND	ND		2.5 J	3.9 J		ND	1.2 J		ND		ND		ND																									
Dichlorofluoromethane	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Ethylbenzene	ND	ND	2.2 J	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Isopropylbenzene	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Methyl Acetate	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Methyl tert butyl ether	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Methylcyclohexane	ND	ND	13	ND	ND	ND		ND	1.2 J		ND	ND		ND		ND		ND																									
Methylene chloride	1 J	ND	ND	ND	ND	ND		ND	0.44 J		ND	ND		18 BJ		15 BJ		ND																									
Styrene	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Tetrachloroethene	0.5 J	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Toluene	7 J	ND	6.5	ND	ND	ND		2.3 J	3.2 J		ND	ND		ND		ND		ND																									
1,2-Dichloroethene	9 J	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
trans-1,2-Dichloroethene	ND	ND	2.4 J	ND	ND	ND		1.3 J	1.2 J		ND	ND		ND		ND		ND																									
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Trichloroethene	49	40	6	ND	ND	ND		1.1 J	2.7 J		ND	ND		ND		ND		ND																									
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
Vinyl Chloride	2 J	ND	ND	ND	ND	ND		ND	ND		ND	0.71 J		ND		ND		ND																									
Total Xylenes	8 J	ND	9.6 J	ND	ND	ND		ND	4.4 J (3)		ND	ND (3)		ND	120	ND	60	ND	15																								
1-Chloro-2-methyl benzene	ND	1100	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
1-Chloro-2-methyl benzene	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND		ND		ND		ND																									
NOTES:									1-DL 5 UG/L 2-DL 25 UG/L 3-DL 15 UG/L			1-DL 400 UG/L 2-DL 2000 UG/L 3-DL 1200 UG/L			1-DL 5 UG/L 2-DL 25 UG/L 3-DL 15 UG/L			1-DL 100 UG/L 2-DL 500 UG/L 3-DL 300 UG/L			DL 40 UG/L UNLESS NOTED OTHERWISE			DL 20 UG/L UNLESS NOTED OTHERWISE			RL 5 UG/L UNLESS NOTED OTHERWISE																
ORGANIC DATA QUALIFIERS																																											
ND									compound analyzed for, but not detected																																		
J									indicates an estimated value																																		
B									analyte is found in associated blank and sample																																		
D									identifies compound identified in an analysis at the secondary dilution factor.																																		
E									concentration exceeds calibration range																																		

Table 1
Chem Trol
1990 - 2009 Yearly Analytical Test Results Summary

	MW-8R																						
	8/16/1993	6/1/1994	3/10/1999	10/22/2002	10/22/2002	10/13/2003	10/26/2004	11/11/2005	DILUTED 11/11/2005		9/27/2006	9/20/2007	DL	9/24/2008	DL	9/22/2009	RL						
1,1,1-Trichloroethane	130 (4)	520	D	150	ND	ND	ND	ND	ND (1)	ND (1)	ND (1)	ND	5	ND	5	ND	5						
1,1,2,2-Tetrachloroethane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,1,2-Trichloroethane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,1-Dichloroethane	160	370	D	200	32	26	D	22	18	24	22 DJ	8.9		4.7 J		3.4 J	ND						
1,1-Dichloroethene	30	67		25	1.2	J	ND	ND	ND	ND	ND	ND		ND		ND							
1,2,4-Trichlorobenzene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,2-Dibromo-3-Chloropropane DBCP	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,2-Dibromoethane (EDB)	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,2-Dichlorobenzene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,2-Dichloroethane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,2-Dichloropropane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,3-Dichlorobenzene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,4-Dichlorobenzene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Methyl Ethyl ketone	ND	ND		ND	ND	ND	ND	ND	ND (2)	ND (2)	ND (2)	ND	25	ND	25	ND	25						
o-Chlorotoluene	4200 DJ	2500 DJ		600	290 E	240 D	140	100	250 E	230 BD	63 B	58		40		43							
2-Hexanone	ND	ND		ND	ND	ND	ND	ND	ND (2)	ND (2)	ND (2)	ND	25	ND	25	ND	25						
Methyl Isobutyl Ketone	ND	ND		ND	ND	ND	ND	ND	ND (2)	ND (2)	ND (2)	ND	25	ND	25	ND	25						
Acetone	ND	ND		ND	ND	ND	ND	ND	ND (2)	ND (2)	ND (2)	ND	25	ND	25	ND	25						
Benzene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Dichlorobromomethane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Bromoform	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Bromomethane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Carbon Disulfide	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Carbon Tetrachloride	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Chlorobenzene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Dibromochloromethane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Chloroethane	26	52		76	13	11 DJ	10	5.8	6	4.2 DJ	3.2 J	6		2.2 J									
Chloroform	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Chloromethane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
cis-1,2-Dichloroethene	6 J	14		10	3.6 J	3.4 DJ	2.5 J	2.2	2.5 J	2 DJ	1.2 DJ	0.76 J		0.58 J									
cis-1,3-Dichloropropene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Cyclohexane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Dichlorofluoromethane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Ethylbenzene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Isopropylbenzene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Methyl Acetate	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Methyl tert butyl ether	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Methylcyclohexane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Methylene chloride	ND	ND		ND	ND	ND	ND	ND	ND	2.3 DJ	ND	ND		ND		ND							
Styrene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Tetrachloroethene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Toluene	ND	4 J		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1,2-Dichloroethene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
trans-1,2-Dichloroethene	ND	ND		ND	1 J	ND	ND	ND	0.92 J	ND	ND	ND		ND		ND							
trans-1,3-Dichloropropene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Trichloroethene	39	160		51	1.2 J	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Trichlorofluoromethane	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
Vinyl Chloride	ND	ND		ND	ND	ND	2.6 J	1.9	2.8 J	ND	1.2 J	0.92 J		0.63 J									
Total Xylenes	ND	ND		ND	ND	ND	ND	ND	ND (3)	ND (3)	ND (3)	ND	15	ND	15	ND	15						
1-Chloro-2-methyl benzene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
1-Chloro-2-methyl benzene	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND							
NOTES:																							
NOTES: 1) All results reported in ug/L 2) DL refers to Detection Limit 3) RL refers to Reporting Limit 4) Shaded cells indicate detected compounds																							
									1-DL 5 UG/L UNLESS NOTED 2-SDL 25 UG/L 3-DL 15 UG/L			1-DL 25 UG/L UNLESS NOTED 2-SDL 120 UG/L 3-DL 75 UG/L			1-DL 5 UG/L UNLESS NOTED 2-SDL 25 UG/L 3-DL 15 UG/L			DL 5 UG/L UNLESS NOTED OTHERWISE		DL 5 UG/L UNLESS NOTED OTHERWISE		RL 5 UG/L UNLESS NOTED OTHERWISE	

MW-7R																											
8/12/1993		10/22/2002		10/13/2003		10/26/2004		3/31/2005		11/11/2005		9/27/2006		Duplicate 9/27/2006		9/20/2007		DL	9/24/2008		DL	10/22/2009		DL	9/22/2009		RL
ND		ND		ND	SEE	ND	ND (1)	ND(1)	ND(1)	ND	5	ND	5	ND	5	ND	5			ND		ND		ND		ND	5
ND		ND		ND	NOTE 2	ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND	Below	ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND (2)	ND (2)	ND (2)	ND	25	ND	25	ND		ND				ND		ND		ND		ND	25
ND		3.5 J (4)		ND		ND	ND	3.1 J	2 J	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND (2)	ND (2)	ND (2)	ND	25	ND	25	ND		ND				ND		ND		ND		ND	25
ND		ND		ND		ND	ND (2)	ND (2)	ND (2)	ND	25	ND	25	ND		ND				ND		ND		ND		ND	25
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND		ND		ND		ND	
ND		ND		ND		ND	ND	ND	ND	ND		ND		ND		ND				ND							

ORGANIC DATA QUALIFIERS

Table 1
MW-7R Analyticals

Table 1

Chem Trol

1990 - 2009 Yearly Analytical Test Results Summary

	MW-3S																		
	8/9/1990	8/19/1993	10/23/2002	Diluted 10/23/2002	10/13/2003	10/26/2004	Diluted 10/26/2004	11/11/2005	Diluted 11/11/2005	9/27/2006	Diluted 9/27/2006	9/20/2007	DL	9/24/2008	DL	9/22/2009	RL		
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND (1)	ND (1)	ND (1)	ND (1)	ND	5000	ND	5000	ND	500		
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.3 J	ND	1.5 J	ND	ND	ND	ND		ND		ND			
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,2-Dibromo-3-Chloropropane DBCP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND (2)	ND (3)	ND (2)	ND (3)	ND	25000	ND	25000	ND	2500		
o-Chlorotoluene	28000 (4)	130000 J	43000 E	95000 D	100000	2700 E	64000 BD	12000 E	90000 D	17000 E	84000 BD	82000		87000		46000			
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND (2)	ND (2)	ND (2)	ND (2)	ND	25000	ND	25000	ND	2500		
Methyl Isobutyl Ketone	ND	ND	ND	ND	ND	ND	ND	ND (2)	ND (3)	ND (2)	ND (3)	ND	25000	ND	25000	ND	2500		
Acetone	ND	ND	58 J	ND	ND	ND	ND	2.5 J (2)	ND (2)	ND (2)	ND (2)	ND	25000	ND	25000	ND	2500		
Benzene	ND	ND	ND	ND	ND	ND	ND	0.63 J	ND	ND	ND	ND		ND		ND			
Dichlorobromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	2.8 J	ND	5.2 J	ND	ND		ND		ND			
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Chlorobenzene	22 J	ND	ND	ND	ND	9.6	ND	5.9	ND	11 J	ND	ND		ND		ND			
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Chloroform	ND	260 J	ND	ND	ND	7.3	ND	3.2 J	ND	3.1 J	ND	ND		ND		ND			
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	50	ND	93	ND	53	ND	ND		ND		ND			
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND		470 J		ND			
Dichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Ethylbenzene	12 J	ND	ND	ND	ND	7.8	ND	4.9 J	ND	8.6 J	ND	ND		ND		ND			
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Methyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Methyl tert butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5 J	ND	ND		370 J		ND			
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6 J	520 DJ	2000 BJ		ND		ND			
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Tetrachloroethene	ND	ND	ND	ND	ND	3.4 J	2400 DJ	2.8 J	ND	3.4 J	ND	ND		ND		ND			
Toluene	170	120 J	48 J	ND	ND	52	ND	24	ND	64	ND	ND		ND		ND			
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	36	ND	78	ND	43	ND	ND		ND		ND			
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Trichloroethene	660	470 J	180	ND	ND	380 E	990 DJ	400 E	ND	360	560 DJ	ND		ND		ND			
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			
Vinyl Chloride	ND	ND	ND	ND	ND	9.1	ND	11	ND	15 J	ND	ND		ND		ND			
Total Xylenes	78 J	ND	15 J	ND	ND	23	ND	17 (3)	ND (3)	27 J (3)	ND (3)	ND	15000	ND	15000	ND	15		
1-Chloro-2-methyl benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND			

NOTES: 1) All results reported in ug/L
2) **DL** refers to Detection Limit
3) **RL** refers to Reporting Limit
4) Shaded cells indicate detected compounds

ORGANIC DATA QUALIFIERS

- ND compound analyzed for, but not detected
- J indicates an estimated value
- B analyte is found in asociated blank and sample
- D identifies compound identified in an analysis at the secondary dilution factor.
- E concentration exceeds the calibration range

1-DL 5 UG/L UNLESS NOTED	1-DL 5000 UG/L UNLESS NOTED	1-DL 20 UG/L UNLESS NOTED	1-DL 5000 UG/L UNLESS NOTED	DL 5000 UG/L UNLESS NOTED OTHERWISE	DL 5000 UG/L UNLESS NOTED OTHERWISE	RL 500 UG/L UNLESS NOTED OTHERWISE
2-DL 25 UG/L	2-DL 25000 UG/L	2- DL 100 UG/L	2-DL 25000 UG/L			
3-DL 15 UG/L	3-DL 15000 UG/L	3-DL 60 UG/L	3-DL 15000 UG/L			

Table 2
Chem-Trol Site
Summary of Groundwater Elevation Measurements - 2009

	1Q		2Q		3Q		4Q	
	2/25/2009		4/29/2009		10/8/2009		11/18/2009	
Well								
OW-1FR	608.27		607.36		609.67		606.55	
P97-5	608.25		607.33		609.27		606.58	
MW10S	610.30	dry	610.30	dry	610.30	dry	610.30	dry
MW10R	608.29		607.38		609.52		606.69	
P97-4	608.38		607.28		609.48		606.52	
MW 13R	608.39		607.35		609.12		607.74	
MW 8S	610.78		610.13		611.25		610.89	
MW 8R	608.60		606.64		609.52		606.90	
P97 - 3	608.44		607.26		609.64		606.51	
MW 9RD	612.05		611.85		612.13		610.65	
MW 9R	608.47		607.24		609.74		606.49	
MW 9S	610.16		610.20		613.15		610.05	
P97 - 2	611.27		610.37		610.55		609.84	
P97 - 1	612.92		612.18		613.04		611.93	
MW 12R	613.58		612.76		613.09		612.91	
MW 12S	617.32		615.50		617.68		616.07	
MW14R	613.47		613.17		612.17		612.03	
OW-2FR	608.52		607.30		609.80		606.54	
MW 4S	623.33		622.30		622.35		623.17	
MW 4R	608.02		607.06		609.45		606.31	
P4S	621.04		620.60		621.35		620.82	
MW 3S	620.16		619.80		620.65		320.00	
P - 3R	619.63		619.66		619.57		619.60	
P - 3S	620.21		619.98		620.56		620.16	
OW - 3R	615.21		614.46		615.09		615.15	
P-5S	627.24		625.56		629.86		626.00	
P-5R	618.28		617.96		617.52		617.26	
MW-5S	624.68		623.76		627.65		624.67	
P-2R	636.11		637.28		636.09		641.14	
P2-S	633.98		636.98		638.18		637.33	
MW-2S	635.88		637.54		638.66		637.74	
MW-6S	630.44		629.32		630.54		629.82	
MW 6R	620.59		620.52		620.46		619.71	
P-1S	637.20		636.61		637.75		636.89	
MW 1R	634.85		636.96		638.24		637.38	
MW 1S	637.24		638.82		640.42		639.18	
MW 7S	638.35		637.44		637.98		637.51	
MW 7R	637.13		636.56		637.62		636.77	

ATTACHMENT A

SVE System Evaluation Work Plan



2495 Main Street, Suite 432, Buffalo, NY 14214

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NYSDEC REG 9
FOIL
REL UNREL

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Todd Swackhamer, P.E.

October 22, 2009
File: 94-022

Mr. Glenn M. May, CPG
New York State Department of Environmental Conservation, Region 9
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203-2999

Re: SVE System Evaluation Work Plan
Chem-Trol Site, Registry No. 9-15-015

Dear Mr. May:

McMahon & Mann Consulting Engineers, P.C. (MMCE) has prepared this submittal on behalf of SC Holdings, Inc. (SC Holdings) in response to our meeting on September 15, 2009 regarding the remedial efforts at the Chem-Trol site. During that meeting, data was presented that indicated VOC concentrations in soil vapor samples obtained from the SVE system were approximately 1 to 2 orders of magnitude less than soil vapor samples obtained during remedial design field studies in 1997. In addition, plots of VOC concentrations in the influent to the groundwater collection and treatment system versus time were presented that showed significant reduction in VOC concentrations in the groundwater since startup to where asymptotic condition had been reached. Based upon the significant reduction in SVE soil vapor sample VOC concentrations and the effective containment of groundwater VOC constituents by the groundwater collection and treatment system, it was agreed that conversion of the SVE system from active to passive operation was warranted and that SC Holdings should submit a request to convert the SVE system to a passive operation.

The following information is provided in support of the request to convert the Chem-Trol SVE system from active to passive operation.

BACKGROUND

A work plan was submitted to the New York State Department of Environmental Conservation (NYSDEC) in May 2009 which proposed to evaluate the performance of the SVE system by performing a rebound test on the system. Subsequent field efforts determined that the SVE system collection laterals were under water and that limited vacuum was reaching the perforated sections of the collection laterals. Based on this observation, it was decided to focus the SVE system evaluation on total VOC concentration measurements from functioning laterals using a combination of

photoionization detector (PID) measurements and EPA TO-14a analysis on summa canister soil vapor samples. By mid May 2009 water level data indicated that laterals #0, #1, and #7 were open to soil vapor flow, so soil vapor samples were obtained for EPA Method TO-14a analysis. A summa canister sample was obtained from lateral #1 on May 22, 2009; however, due to weather conditions, laterals #0 and #7 were not sampled. Summa canister samples from laterals #0, #1 and #7 were successfully obtained on July 30, 2009.

The analytical data from the July 2009 samples indicated a combined total VOC concentration of approximately 4 ppmv in laterals #0, #1 and #7 with the majority of VOCs being generated within lateral #7 at a total VOC concentration of approximately 3.8 ppmv. VOC concentrations for the July 2009 soil vapor samples were then compared with the VOC concentrations in soil vapor samples taken during remedial design field studies at the Chem-Trol site in 1997, VOC concentrations from PID measurements of the blower exhaust at the startup of the SVE system in 1999 and VOC concentrations from PID measurements of the SVE blower exhaust over the past three years. The following is a summary of the comparison:

- Soil vapor samples were obtained in 1997 during a soil vapor pump test at locations SVEW-1 and SVEW-2 as shown on Figure 1. The soil vapor analyses indicated that VOC concentrations in samples from SVEW-1 (i.e., SVE-1, SVE-4 and SVE-5) ranged from 48 to 69.7 ppmv and a sample from SVEW-2 (i.e., SVE-2) had a VOC concentration of 660 ppmv (see Table 1). The summa canister sample obtained from lateral #7 on July 30, 2009 yielded the highest concentration of VOCs at approximately 3.8 ppmv (see Table 1). Because lateral #7 intersects the approximate location of SVEW-1 (see Figure 1), it is reasonable to conclude that VOC concentrations in the soil have been reduced by at least an order of magnitude; and
- In a letter to the NYSDEC dated April 21, 1999, MMCE provided organic vapor meter readings for air discharge from the SVE system. Air entering the SVE building from the collection laterals had a VOC concentration ranging from approximately 20 to 60 ppm. Over the past seven years, only three sampling events have detected measurable concentrations of VOCs as follows; 9 ppmv – 6/29/06, 2 ppmv – 10/7/07 and 2 ppmv – 10/1/08. These values approximate the combined VOC concentrations measured in laterals #0, #1 and #7. Therefore, it appears that VOC concentrations in the SVE blower exhaust have decreased by an order of magnitude since the SVE system began start-up in 1999.

In addition to reviewing VOC concentration data from the SVE system, we also reviewed VOC analytical data (o-chlorotoluene) for monthly groundwater samples taken at the inlet of the groundwater treatment system. The VOC concentration data for the groundwater samples was plotted versus time for July 2002 through May 2009 sampling events (see Figure 2). The data plot shows that the concentrations of VOCs in the groundwater have been significantly reduced since initiation of system operation to a point that the plot is asymptotic. This indicates that the source contributing to VOC concentrations observed in groundwater has been reduced to where its influence on groundwater has stabilized. Furthermore, continued operation of the groundwater collection and treatment system can be expected to continue containing groundwater contaminants, but at a slower rate than observed in the past.



WORK PLAN

The 1996 ROD states on page 32 that VOC levels in the area of the SVE collection system are to be monitored to assess the effectiveness of the remedial effort:

The concentrations of volatile organic compounds in this area will be monitored to assess the effectiveness of this portion of the remedial effort. When this monitoring indicates that the concentrations of the compounds have been reduced to the levels given in the Soil Cleanup Guidelines, or when no additional reduction in soil contaminants is noted, the need for any additional remediation actions will be assessed.

In order to monitor the effectiveness of the SVE system at removing VOCs to the levels given in the Soil Cleanup Guidelines, soil sampling for VOC analysis would be required. Unfortunately, the area of the site that would be sampled in order to obtain soil samples for VOC analysis has a synthetic cap that would need to be penetrated and consequently, compromise the integrity of the cap. As an alternative, we propose to evaluate VOCs remaining in the soil by measuring the concentration of VOCs in soil vapor samples collected from the SVE collection laterals. The measured VOC concentrations will be compared to the VOC concentrations measured in the 1997 soil vapor study and the VOC concentrations at SVE startup in 1999 to determine if additional reduction in soil contaminants is occurring. This approach will not compromise the cap and provides a measure of the system's effectiveness over a wider area versus a discrete area represented by a soil sample.

Given that at least five out of the eight SVE collection laterals are below water during a significant portion of the year and are effectively blocked from the influence of the vacuum from the SVE blower, we are proposing to shut down the SVE blower system and conduct this assessment under passive operating conditions. The objective of the assessment is to determine if the cleanup objectives established in the NYSDEC 1996 ROD for the Chem-Trol site have effectively been met and that the remedial effort will not be compromised when the SVE system collection laterals are allowed to vent passively to the atmosphere.

Shutting down the SVE blower would not impact the effectiveness of the overall remedial system in removing VOCs from the soil and groundwater; VOCs will continue to diffuse out of the soil under passive operations and the groundwater collection system will continue to operate during the assessment period. VOCs intended to be collected in the SVE laterals that are under water will diffuse and dissolve into the water table and be collected in the groundwater collection system for subsequent treatment.

In general, it is proposed to assess the performance of the SVE system over a one year period as follows:

- Place "goose neck" pipe extensions on the SVE lateral risers after the SVE blower is shut down;
- Obtain monthly measurements of VOC concentrations in soil vapors in all laterals using a PID;



- Obtain monthly measurements of water levels in the SVE collection lateral risers; and
- Obtain monthly measurements of water level elevations in MW-3S and P2S.

Data from the above tasks will be combined with VOC concentration data from soil vapor samples collected in May and July 2009. In addition to monitoring VOC concentrations in soil vapors venting from the SVE laterals, monitoring of VOC concentrations in the influent to the groundwater collection and treatment system will continue as required under the current monitoring program.

Once the assessment period has concluded, MMCE will prepare a letter report summarizing the results of the above tasks, including:

- Tabulating monthly VOC concentrations detected in the influent to the groundwater collection and treatment system and from SVE lateral passive vents;
- Demonstrating whether or not VOC concentrations increase significantly from that observed in the May and June 2009 SVE soil vapor sampling; and
- Demonstrating whether or not VOC concentrations in the influent to the groundwater collection and treatment system increase significantly while the SVE system operates passively.

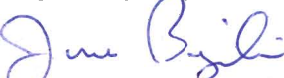
As part of the letter report, an opinion will be provided as to whether or not passive operation of the SVE system provides a similar effectiveness to the overall remedy as active operation of the SVE system. If passive venting of the SVE system provides a similar effectiveness to the overall remedy, then continued passive operation of the SVE system along with continued routine operation and maintenance of the groundwater collection and treatment system is warranted.

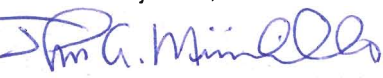
If desired, a meeting will be scheduled with the NYSDEC to discuss the results of the assessment upon submittal of the letter report.

Please call MMCE (716-834-8932) or Mark R. Snyder (585-223-6132) if you have any questions or require additional information.

Sincerely yours,

McMAHON & MANN CONSULTING ENGINEERS, P.C.


James Bojarski, P.E.


John A. Minichiello, CPESC, CPSWQ

cc: Mark R. Snyder, PE (SC Holdings, Inc.)
Enc.



TABLE 1

Soil Vapor VOC Concentrations

TABLE 1
VOC Concentrations in Soil Vapor

Volatile Organic Compounds in Chem-Trol Soil Vapor
EPA Method TO-14a

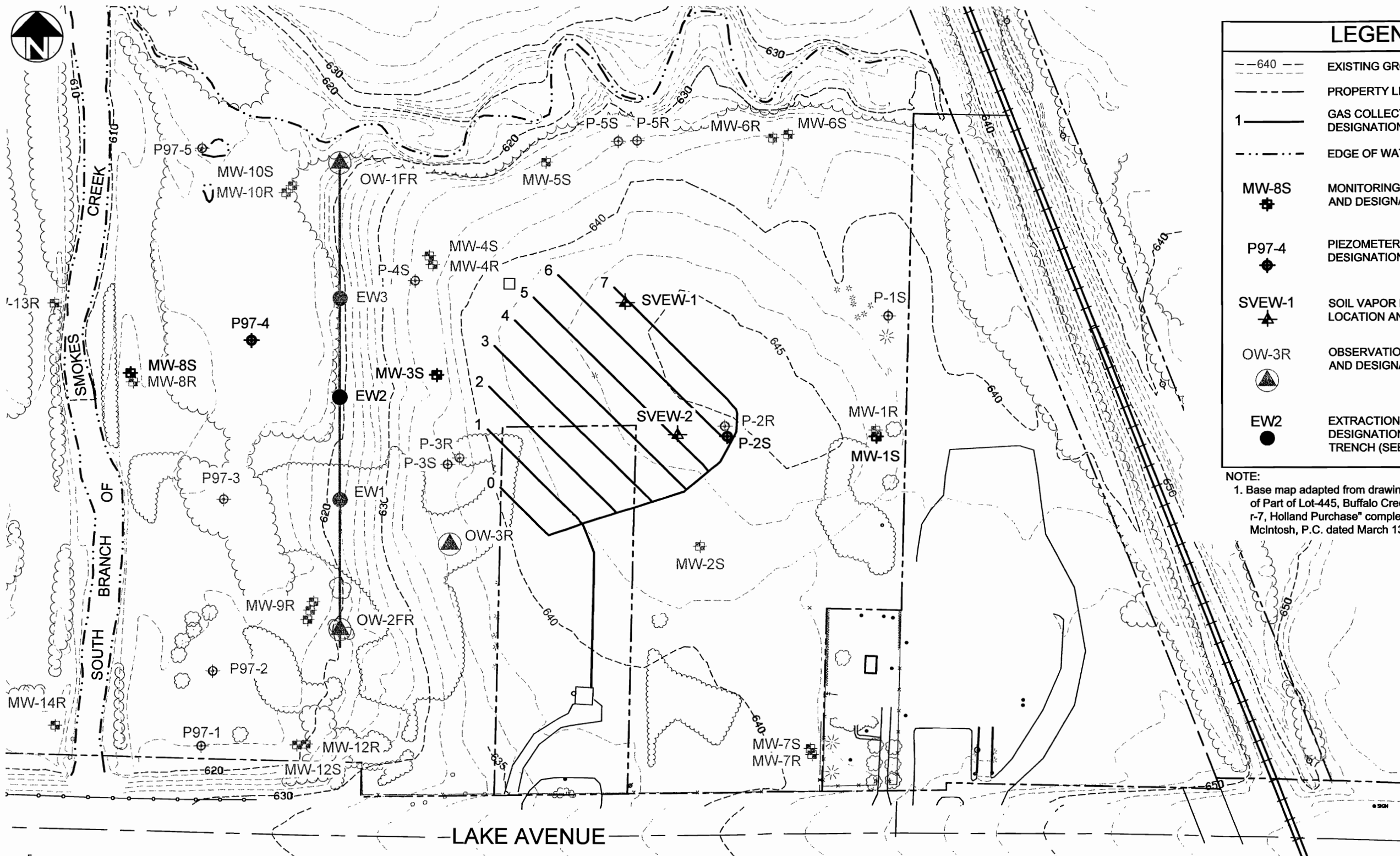
Compound ¹	6/2/2009	7/30/2009	7/30/2009	7/30/2009	MW	Ratio - 24.04/MW ²	6/2/2009	7/30/2009	7/30/2009	7/30/2009	SVEW -1 (see Note 3)			SVEW-2
	ug/m ³ - Lateral #1	ug/m ³ - Lateral #0	ug/m ³ - Lateral #1	ug/m ³ - Lateral #7			ppbv ³ - Lateral #1	ppbv - Lateral #0	ppbv - Lateral #1	ppbv - Lateral #7	8/14/1997	8/14/1997	8/14/1997	8/14/1997
											SVE-1 ³	SVE-4	SVE-5	SVE-2
Acetone					58.08	0.41	0	0	0	0				
Acrolin					56.06	0.43	0	0	0	0				
Acrylonitrile					53.06	0.45	0	0	0	0				
Benzene					78.11	0.31	0	0	0	0				
Benzyl Chloride					126.58	0.19	0	0	0	0				
Bromodichloromethane					163.84	0.15	0	0	0	0				
Bromoform					252.77	0.10	0	0	0	0				
Bromomethane					94.95	0.25	0	0	0	0				
Carbon disulfide					76.13	0.32	0	0	0	0				
Carbon tetrachloride					153.84	0.16	0	0	0	0				
Chlorobenzene					112.56	0.21	0	0	0	0				
Dibromochloromethane					208.28	0.12	0	0	0	0				
Chloroethane					64.52	0.37	0	0	0	0				
2 Chloroethyl vinyl ether					106.55	0.23	0	0	0	0				
Chloroform			140	5,000	191.39	0.13	0	0	18	628				
Chloromethane					50.49	0.48	0	0	0	0				
1,2 Dichlorobenzene					147.01	0.16	0	0	0	0				
1,4 Dichlorobenzene					147.01	0.16	0	0	0	0				
Dichlorodifluoromethane					120.92	0.20	0	0	0	0				
1,1 Dichloroethane	34		14		98.97	0.24	8	0	3	0				
1,2 Dichloroethane					98.97	0.24	0	0	0	0				
1,1 Dichloroethene					96.94	0.25	0	0	0	0				
cis 1,2 Dichloroethene			18	550	96.94	0.25	0	0	4	136				
trans-1,2 Dichloroethene					96.94	0.25	0	0	0	0				
1,2 Dichloropropane					112.99	0.21	0	0	0	0				
cis-1,3 Dichloropropene					110.98	0.22	0	0	0	0				
trans-1,3 Dichloropropene					110.98	0.22	0	0	0	0				
1,2 Dichloro-1,1,2,2 tetrafluoroethane					170.93	0.14	0	0	0	0				
Ethylbenzene					106.16	0.23	0	0	0	0				
Trichlorofluoromethane					137.38	0.17	0	0	0	0				
Hexachlorobutadiene					260.76	0.09	0	0	0	0				
2 Hexanone					100.16	0.24	0	0	0	0				
Methylene chloride					84.94	0.28	0	0	0	0				
Styrene					104.14	0.23	0	0	0	0				
1,1,2,2 Tetrachloroethane					167.86	0.14	0	0	0	0				
Tetrachloroethene	17		510	16,000	165.85	0.14	2	0	74	2,319	45,000	65,000	64,000	
Toluene					92.13	0.26	0	0	0	0				
1,2,4 Trichlorobenzene					181.46	0.13	0	0	0	0				
1,1,1 Trichloroethane	94		18		133.42	0.18	17	0	3	0				
1,1,2 Trichloroethane					133.42	0.18	0	0	0	0				
Trichloroethene	39		180	3,700	131.4	0.18	7	0	33	677	3,000	4,700	4,400	660,000
1,1,2 Trichloro-1,2,2 trifluoroethane					187.39	0.13	0	0	0	0				
1,2,4 Trimethylbenzene					120.19	0.20	0	0	0	0				
1,3,5 Trimethylbenzene					120.19	0.20	0	0	0	0				
Vinyl acetate					86.09	0.28	0	0	0	0				
Vinyl chloride					62.5	0.38	0	0	0	0				
Xylenes					106.16	0.23	0	0	0	0				
1,2 Dibromomethane					173.86	0.14	0	0	0	0				
2- Butanone (MEK)					72.1	0.33	0	0	0	0				
4 Methyl-2 pentanone (MIBK)					100.16	0.24	0	0	0	0				
4- Ethyltoluene					120.19	0.20	0	0	0	0				
	184		880	25,250										
						Total VOCs	35	0	136	3,761	48,000	69,700	68,400	660,000

1. Bolded compounds were detected above the reporting limit

2. EPA in AP-42 recommends converting ug/m³ by multiplying by 24.04/MW

3. MMCE installed 2 soil vapor pumping wells SVEW-1 and SVEW-2 that were used to determine amount of VOCs in the soil vapor and whether or not VOCs could be removed by applying a vacuum to the soil., SVE-1, SVE-4 and SVE-5 were collected from SVEW-1 and SVE-2 was collected from SVEW-2. Lateral #7 intercepts the approximate location of SVEW-1.

FIGURES



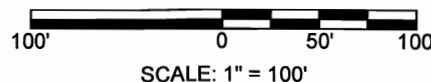
LEGEND

--- 640 ---	EXISTING GROUND CONTOURS
---	PROPERTY LINE
1	GAS COLLECTION LATERAL AND DESIGNATION
- - - - -	EDGE OF WATER
MW-8S	MONITORING WELL LOCATION AND DESIGNATION (SEE NOTE 1)
P97-4	PIEZOMETER LOCATION AND DESIGNATION (SEE NOTE 1)
SVEW-1	SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
OW-3R	OBSERVATION WELL LOCATION AND DESIGNATION (SEE NOTE 1)
EW2	EXTRACTION WELL LOCATION, DESIGNATION ALONG EXTRACTION TRENCH (SEE NOTE 1)

NOTE:
1. Base map adapted from drawing titled "Topographic Map of Part of Lot-445, Buffalo Creek Reservation, TWP.-10, r-7, Holland Purchase" completed by McIntosh & McIntosh, P.C. dated March 13, 1990.

1 SITE PLAN

SCALE: 1" = 100'



SCALE: 1" = 100'

NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO ANY SURVEY, DRAWING, DESIGN, SPECIFICATION, PLAN, OR REPORT IS A VIOLATION OF SECTION 7209 PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

McMahon & Mann
Consulting Engineers, P.C.
2495 MAIN STREET, SUITE 432
BUFFALO, NY 14214
(716) 834-8932
FAX: (716) 834-8934

CHEM-TROL

ERIE COUNTY

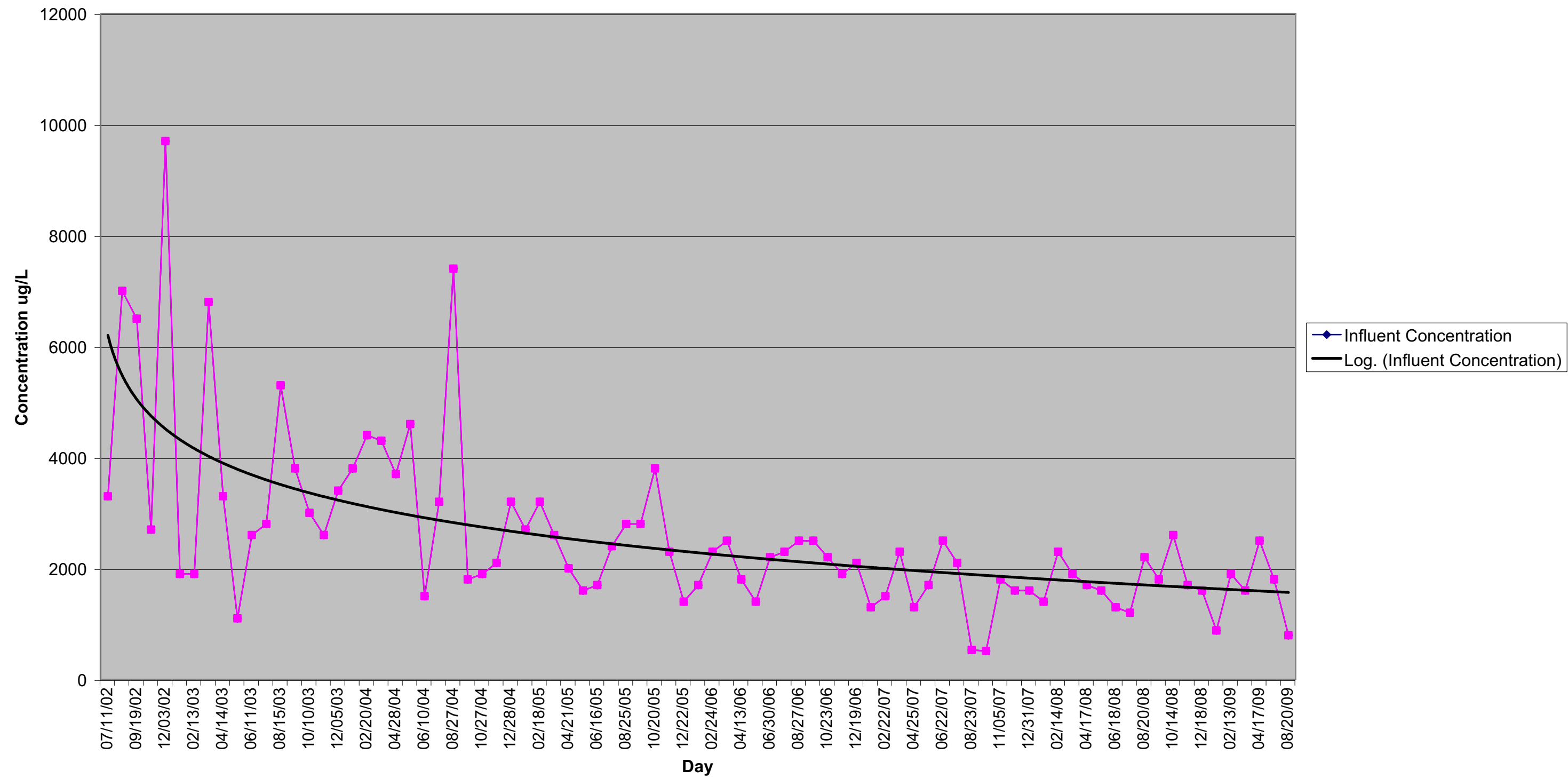
NEW YORK

SITE PLAN

DWG. NO. 94022-034a

FIGURE 1

Figure 2
o-chlorotoluene Influent Concentration



ATTACHMENT B

2009 Annual Groundwater Sample Analytical Results Report

Analytical Report

Work Order: RSJ1247

Site ID: ChemTrol Site

Project Description
Chem-trol Groundwater

For:

Mark Snyder

Waste Management - Hampton, NH

425 Perinton Pkwy

Fairport, NY 14450



Ryan VanDette

Project Manager

ryan.vandette@testamericainc.com

Friday, October 30, 2009

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

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

TestAmerica Buffalo Current Certifications

As of 1/27/2009

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA, CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

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

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

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Reported: 10/30/09 18:32

CASE NARRATIVE

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

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

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

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

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

DATA QUALIFIERS AND DEFINITIONS

D08 Dilution required due to high concentration of target analyte(s)
NR Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-02 (MW-9R - Water)				Sampled: 10/22/09 12:35			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
1,1,1-Trichloroethane	300	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,1-Dichloroethane	85	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
o-Chlorotoluene	33	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Chloroethane	28	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Sample ID: RSJ1247-03 (DUP - Water)				Sampled: 10/22/09 12:35			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
1,1-Dichloroethane	82		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
o-Chlorotoluene	35		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Chloroethane	27		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Sample ID: RSJ1247-03RE1 (DUP - Water)				Sampled: 10/22/09 12:35			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
1,1,1-Trichloroethane	270	D08	5.0	ug/L	4.00	10/29/09 12:25	DHC	9J29005	8260B
Sample ID: RSJ1247-04 (MW-8R - Water)				Sampled: 10/22/09 12:50			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
o-Chlorotoluene	43		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Sample ID: RSJ1247-05 (MW-13R - Water)				Sampled: 10/22/09 13:10			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
1,1-Dichloroethane	17	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Chloroethane	140	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Sample ID: RSJ1247-05RE1 (MW-13R - Water)				Sampled: 10/22/09 13:10			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
o-Chlorotoluene	600	D08	10	ug/L	10.0	10/29/09 12:50	DHC	9J29005	8260B
Sample ID: RSJ1247-06 (MW-15R - Water)				Sampled: 10/22/09 13:30			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
2-Butanone	160		25	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Acetone	36		25	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Xylenes, total	22		15	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Sample ID: RSJ1247-07 (MW-3S - Water)				Sampled: 10/22/09 13:50			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
o-Chlorotoluene	46000	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
MW-7R	RSJ1247-01	Water	10/22/09 12:25	10/22/09 14:50	
MW-9R	RSJ1247-02	Water	10/22/09 12:35	10/22/09 14:50	
DUP	RSJ1247-03	Water	10/22/09 12:35	10/22/09 14:50	
MW-8R	RSJ1247-04	Water	10/22/09 12:50	10/22/09 14:50	
MW-13R	RSJ1247-05	Water	10/22/09 13:10	10/22/09 14:50	
MW-15R	RSJ1247-06	Water	10/22/09 13:30	10/22/09 14:50	
MW-3S	RSJ1247-07	Water	10/22/09 13:50	10/22/09 14:50	
TRIP BLANK	RSJ1247-08	Water	10/22/09 08:00	10/22/09 14:50	

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-01 (MW-7R - Water)					Sampled: 10/22/09 12:25		Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
1,1,1-Trichloroethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,1,2-Trichloroethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,1-Dichloroethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,1-Dichloroethene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,2,4-Trichlorobenzene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,2-Dibromoethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,2-Dichlorobenzene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,2-Dichloroethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,2-Dichloropropane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,3-Dichlorobenzene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,4-Dichlorobenzene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
2-Butanone (MEK)	ND		25	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
o-Chlorotoluene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
2-Hexanone	ND		25	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
4-Methyl-2-pentanone	ND		25	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Acetone	ND		25	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Benzene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Bromodichloromethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Bromoform	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Bromomethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Carbon disulfide	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Carbon Tetrachloride	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Chlorobenzene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Dibromochloromethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Chloroethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Chloroform	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Chloromethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
cis-1,2-Dichloroethene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
cis-1,3-Dichloropropene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Cyclohexane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Dichlorofluoromethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Ethylbenzene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Isopropylbenzene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Methyl Acetate	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Methylcyclohexane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Methylene Chloride	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Styrene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Tetrachloroethene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Toluene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
trans-1,2-Dichloroethene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B

TestAmerica Buffalo

10 Hazelwood Drive Amherst, NY 14228 tel 716-691-2600 fax 716-691-7991

www.testamericainc.com

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-01 (MW-7R - Water) - cont.					Sampled: 10/22/09 12:25		Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>									
trans-1,3-Dichloropropene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Trichloroethene	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Trichlorofluoromethane	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Vinyl chloride	ND		5.0	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
Xylenes, total	ND		15	ug/L	1.00	10/28/09 23:33	NMD	9J28107	8260B
1,2-Dichloroethane-d4	92 %		Surr Limits: (66-137%)			10/28/09 23:33	NMD	9J28107	8260B
4-Bromofluorobenzene	107 %		Surr Limits: (73-120%)			10/28/09 23:33	NMD	9J28107	8260B
Toluene-d8	102 %		Surr Limits: (71-126%)			10/28/09 23:33	NMD	9J28107	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-02 (MW-9R - Water)					Sampled: 10/22/09 12:35		Recvd: 10/22/09 14:50		
Volatile Organic Compounds by EPA 8260B									
1,1,1-Trichloroethane	300	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,1,2,2-Tetrachloroethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,1,2-Trichloroethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,1-Dichloroethane	85	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,1-Dichloroethene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,2,4-Trichlorobenzene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,2-Dibromo-3-chloropropane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,2-Dibromoethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,2-Dichlorobenzene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,2-Dichloroethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,2-Dichloropropane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,3-Dichlorobenzene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,4-Dichlorobenzene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
2-Butanone	ND	D08	25	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
o-Chlorotoluene	33	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
2-Hexanone	ND	D08	25	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
4-Methyl-2-pentanone	ND	D08	25	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Acetone	ND	D08	25	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Benzene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Bromodichloromethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Bromoform	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Bromomethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Carbon disulfide	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Carbon Tetrachloride	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Chlorobenzene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Dibromochloromethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Chloroethane	28	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Chloroform	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Chloromethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
cis-1,2-Dichloroethene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
cis-1,3-Dichloropropene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Cyclohexane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Dichlorofluoromethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Ethylbenzene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Isopropylbenzene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Methyl Acetate	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Methylcyclohexane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Methylene Chloride	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Styrene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Tetrachloroethene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Toluene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
trans-1,2-Dichloroethene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B

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Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-02 (MW-9R - Water) - cont.				Sampled: 10/22/09 12:35			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>									
trans-1,3-Dichloropropene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Trichloroethene	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Trichlorofluoromethane	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Vinyl chloride	ND	D08	5.0	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
Xylenes, total	ND	D08	15	ug/L	4.00	10/29/09 11:59	DHC	9J29005	8260B
1,2-Dichloroethane-d4	93 %	D08	Surr Limits: (66-137%)			10/29/09 11:59	DHC	9J29005	8260B
4-Bromofluorobenzene	110 %	D08	Surr Limits: (73-120%)			10/29/09 11:59	DHC	9J29005	8260B
Toluene-d8	102 %	D08	Surr Limits: (71-126%)			10/29/09 11:59	DHC	9J29005	8260B

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-03 (DUP - Water)				Sampled: 10/22/09 12:35			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,1,2-Trichloroethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,1-Dichloroethane	82		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,1-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,2,4-Trichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,2-Dibromoethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,2-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,2-Dichloroethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,2-Dichloropropane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,3-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,4-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
2-Butanone	ND		25	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
o-Chlorotoluene	35		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
2-Hexanone	ND		25	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
4-Methyl-2-pentanone	ND		25	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Acetone	ND		25	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Benzene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Bromodichloromethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Bromoform	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Bromomethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Carbon disulfide	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Carbon Tetrachloride	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Chlorobenzene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Dibromochloromethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Chloroethane	27		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Chloroform	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Chloromethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
cis-1,2-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
cis-1,3-Dichloropropene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Cyclohexane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Dichlorofluoromethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Ethylbenzene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Isopropylbenzene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Methyl Acetate	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Methycyclohexane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Methylene Chloride	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Styrene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Tetrachloroethene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Toluene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
trans-1,2-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
trans-1,3-Dichloropropene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B

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Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-03 (DUP - Water) - cont.					Sampled: 10/22/09 12:35			Recvd: 10/22/09 14:50	
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>									
Trichloroethene	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Trichlorofluoromethane	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Vinyl chloride	ND		5.0	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
Xylenes, total	ND		15	ug/L	1.00	10/29/09 00:24	NMD	9J28107	8260B
1,2-Dichloroethane-d4	91 %		Surr Limits: (66-137%)			10/29/09 00:24	NMD	9J28107	8260B
4-Bromofluorobenzene	110 %		Surr Limits: (73-120%)			10/29/09 00:24	NMD	9J28107	8260B
Toluene-d8	102 %		Surr Limits: (71-126%)			10/29/09 00:24	NMD	9J28107	8260B

Waste Management - Hampton, NH
 425 Perinton Pkwy
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Work Order: RSJ1247
 Site ID: ChemTrol Site
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 Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-03RE1 (DUP - Water)					Sampled: 10/22/09 12:35			Recvd: 10/22/09 14:50	
Volatile Organic Compounds by EPA 8260B									
1,1,1-Trichloroethane	270	D08	5.0	ug/L	4.00	10/29/09 12:25	DHC	9J29005	8260B
1,2-Dichloroethane-d4	94 %	D08	Surr Limits: (66-137%)			10/29/09 12:25	DHC	9J29005	8260B
4-Bromofluorobenzene	110 %	D08	Surr Limits: (73-120%)			10/29/09 12:25	DHC	9J29005	8260B
Toluene-d8	103 %	D08	Surr Limits: (71-126%)			10/29/09 12:25	DHC	9J29005	8260B

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-04 (MW-8R - Water)					Sampled: 10/22/09 12:50			Recvd: 10/22/09 14:50	
<u>Volatile Organic Compounds by EPA 8260B</u>									
1,1,1-Trichloroethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,1,2-Trichloroethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,1-Dichloroethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,1-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,2,4-Trichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,2-Dibromoethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,2-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,2-Dichloroethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,2-Dichloropropane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,3-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,4-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
2-Butanone	ND		25	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
o-Chlorotoluene	43		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
2-Hexanone	ND		25	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
4-Methyl-2-pentanone	ND		25	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Acetone	ND		25	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Benzene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Bromodichloromethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Bromoform	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Bromomethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Carbon disulfide	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Carbon Tetrachloride	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Chlorobenzene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Dibromochloromethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Chloroethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Chloroform	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Chloromethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
cis-1,2-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
cis-1,3-Dichloropropene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Cyclohexane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Dichlorofluoromethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Ethylbenzene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Isopropylbenzene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Methyl Acetate	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Methylcyclohexane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Methylene Chloride	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Styrene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Tetrachloroethene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Toluene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
trans-1,2-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B

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Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: VMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-04 (MW-8R - Water) - cont.					Sampled: 10/22/09 12:50			Recvd: 10/22/09 14:50	
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>									
trans-1,3-Dichloropropene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Trichloroethene	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Trichlorofluoromethane	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Vinyl chloride	ND		5.0	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
Xylenes, total	ND		15	ug/L	1.00	10/29/09 00:50	NMD	9J28107	8260B
1,2-Dichloroethane-d4	94 %		Surr Limits: (66-137%)			10/29/09 00:50	NMD	9J28107	8260B
4-Bromofluorobenzene	108 %		Surr Limits: (73-120%)			10/29/09 00:50	NMD	9J28107	8260B
Toluene-d8	103 %		Surr Limits: (71-126%)			10/29/09 00:50	NMD	9J28107	8260B

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-05 (MW-13R - Water)					Sampled: 10/22/09 13:10		Recvd: 10/22/09 14:50		
Volatile Organic Compounds by EPA 8260B									
1,1,1-Trichloroethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,1,2,2-Tetrachloroethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,1,2-Trichloroethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,1-Dichloroethane	17	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,1-Dichloroethene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,2,4-Trichlorobenzene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,2-Dibromo-3-chloropropane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,2-Dibromoethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,2-Dichlorobenzene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,2-Dichloroethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,2-Dichloropropane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,3-Dichlorobenzene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,4-Dichlorobenzene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
2-Butanone	ND	D08	25	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
2-Hexanone	ND	D08	25	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
4-Methyl-2-pentanone	ND	D08	25	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Acetone	ND	D08	25	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Benzene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Bromodichloromethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Bromoform	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Bromomethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Carbon disulfide	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Carbon Tetrachloride	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Chlorobenzene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Dibromochloromethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Chloroethane	140	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Chloroform	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Chloromethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
cis-1,2-Dichloroethene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
cis-1,3-Dichloropropene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Cyclohexane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Dichlorofluoromethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Ethylbenzene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Isopropylbenzene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Methyl Acetate	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Methylcyclohexane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Methylene Chloride	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Styrene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Tetrachloroethene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Toluene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
trans-1,2-Dichloroethene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
trans-1,3-Dichloropropen	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B

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Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-05 (MW-13R - Water) - cont.					Sampled: 10/22/09 13:10		Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>									
Trichloroethene	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Trichlorofluoromethane	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Vinyl chloride	ND	D08	5.0	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
Xylenes, total	ND	D08	15	ug/L	5.00	10/29/09 01:16	NMD	9J28107	8260B
1,2-Dichloroethane-d4	95 %	D08	Surr Limits: (66-137%)			10/29/09 01:16	NMD	9J28107	8260B
4-Bromofluorobenzene	111 %	D08	Surr Limits: (73-120%)			10/29/09 01:16	NMD	9J28107	8260B
Toluene-d8	105 %	D08	Surr Limits: (71-126%)			10/29/09 01:16	NMD	9J28107	8260B

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-05RE1 (MW-13R - Water)					Sampled: 10/22/09 13:10		Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
o-Chlorotoluene	600	D08	10	ug/L	10.0	10/29/09 12:50	DHC	9J29005	8260B
1,2-Dichloroethane-d4	95 %	D08	Surr Limits: (66-137%)			10/29/09 12:50	DHC	9J29005	8260B
4-Bromofluorobenzene	109 %	D08	Surr Limits: (73-120%)			10/29/09 12:50	DHC	9J29005	8260B
Toluene-d8	103 %	D08	Surr Limits: (71-126%)			10/29/09 12:50	DHC	9J29005	8260B

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-06 (MW-15R - Water)				Sampled: 10/22/09 13:30			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
1,1,1-Trichloroethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,1,2-Trichloroethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,1-Dichloroethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,1-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,2,4-Trichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,2-Dibromoethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,2-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,2-Dichloroethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,2-Dichloropropane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,3-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,4-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
2-Butanone	160		25	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
o-Chlorotoluene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
2-Hexanone	ND		25	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
4-Methyl-2-pentanone	ND		25	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Acetone	36		25	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Benzene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Bromodichloromethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Bromoform	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Bromomethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Carbon disulfide	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Carbon Tetrachloride	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Chlorobenzene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Dibromochloromethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Chloroethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Chloroform	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Chloromethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
cis-1,2-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
cis-1,3-Dichloropropene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Cyclohexane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Dichlorofluoromethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Ethylbenzene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Isopropylbenzene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Methyl Acetate	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Methylcyclohexane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Methylene Chloride	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Styrene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Tetrachloroethene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Toluene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
trans-1,2-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B

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Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-06 (MW-15R - Water) - cont.					Sampled: 10/22/09 13:30			Recvd: 10/22/09 14:50	
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>									
trans-1,3-Dichloropropene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Trichloroethene	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Trichlorofluoromethane	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Vinyl chloride	ND		5.0	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
Xylenes, total	22		15	ug/L	1.00	10/29/09 01:41	NMD	9J28107	8260B
1,2-Dichloroethane-d4	92 %		Surr Limits: (66-137%)			10/29/09 01:41	NMD	9J28107	8260B
4-Bromofluorobenzene	112 %		Surr Limits: (73-120%)			10/29/09 01:41	NMD	9J28107	8260B
Toluene-d8	100 %		Surr Limits: (71-126%)			10/29/09 01:41	NMD	9J28107	8260B

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-07 (MW-3S - Water)					Sampled: 10/22/09 13:50		Recvd: 10/22/09 14:50		
Volatile Organic Compounds by EPA 8260B									
1,1,1-Trichloroethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,1,2,2-Tetrachloroethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,1,2-Trichloroethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,1-Dichloroethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,1-Dichloroethene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,2,4-Trichlorobenzene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,2-Dibromo-3-chloropropane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,2-Dibromoethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,2-Dichlorobenzene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,2-Dichloroethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,2-Dichloropropane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,3-Dichlorobenzene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,4-Dichlorobenzene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
2-Butanone	ND	D08	2500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
o-Chlorotoluene	46000	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
2-Hexanone	ND	D08	2500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
4-Methyl-2-pentanone	ND	D08	2500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Acetone	ND	D08	2500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Benzene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Bromodichloromethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Bromoform	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Bromomethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Carbon disulfide	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Carbon Tetrachloride	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Chlorobenzene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Dibromochloromethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Chloroethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Chloroform	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Chloromethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
cis-1,2-Dichloroethene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
cis-1,3-Dichloropropene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Cyclohexane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Dichlorofluoromethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Ethylbenzene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Isopropylbenzene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Methyl Acetate	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Methyl-t-Butyl Ether (MTBE)	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Methylcyclohexane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Methylene Chloride	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Styrene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Tetrachloroethene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Toluene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
trans-1,2-Dichloroethene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B

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Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-07 (MW-3S - Water) - cont.				Sampled: 10/22/09 13:50			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>									
trans-1,3-Dichloropropene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Trichloroethene	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Trichlorofluoromethane	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Vinyl chloride	ND	D08	500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
Xylenes, total	ND	D08	1500	ug/L	500	10/29/09 02:07	NMD	9J28107	8260B
1,2-Dichloroethane-d4	94 %	D08	Surr Limits: (66-137%)			10/29/09 02:07	NMD	9J28107	8260B
4-Bromofluorobenzene	109 %	D08	Surr Limits: (73-120%)			10/29/09 02:07	NMD	9J28107	8260B
Toluene-d8	104 %	D08	Surr Limits: (71-126%)			10/29/09 02:07	NMD	9J28107	8260B

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-08 (TRIP BLANK - Water)				Sampled: 10/22/09 08:00			Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B</u>									
1,1,1-Trichloroethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,1,2-Trichloroethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,1-Dichloroethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,1-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,2,4-Trichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,2-Dibromo-3-chloropropane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,2-Dibromoethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,2-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,2-Dichloroethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,2-Dichloropropane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,3-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,4-Dichlorobenzene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
2-Butanone	ND		25	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
o-Chlorotoluene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
2-Hexanone	ND		25	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
4-Methyl-2-pentanone	ND		25	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Acetone	ND		25	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Benzene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Bromodichloromethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Bromoform	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Bromomethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Carbon disulfide	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Carbon Tetrachloride	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Chlorobenzene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Dibromochloromethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Chloroethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Chloroform	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Chloromethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
cis-1,2-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
cis-1,3-Dichloropropene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Cyclohexane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Dichlorofluoromethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Ethylbenzene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Isopropylbenzene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Methyl Acetate	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Methylcyclohexane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Methylene Chloride	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Styrene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Tetrachloroethene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Toluene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
trans-1,2-Dichloroethene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B

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Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-Trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSJ1247-08 (TRIP BLANK - Water) - cont.					Sampled: 10/22/09 08:00		Recvd: 10/22/09 14:50		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>									
trans-1,3-Dichloropropene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Trichloroethene	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Trichlorofluoromethane	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Vinyl chloride	ND		5.0	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
Xylenes, total	ND		15	ug/L	1.00	10/29/09 02:32	NMD	9J28107	8260B
1,2-Dichloroethane-d4	93 %		Surr Limits: (66-137%)			10/29/09 02:32	NMD	9J28107	8260B
4-Bromofluorobenzene	109 %		Surr Limits: (73-120%)			10/29/09 02:32	NMD	9J28107	8260B
Toluene-d8	102 %		Surr Limits: (71-126%)			10/29/09 02:32	NMD	9J28107	8260B

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Reported: 10/30/09 18:32

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Volatile Organic Compounds by EPA 8260B									
8260B	9J29005	RSJ1247-02	5.00	mL	5.00	mL	10/29/09 11:02	DHC	5030B MS
8260B	9J28107	RSJ1247-01	5.00	mL	5.00	mL	10/28/09 18:56	NMD	5030B MS
8260B	9J28107	RSJ1247-03	5.00	mL	5.00	mL	10/28/09 18:56	NMD	5030B MS
8260B	9J29005	RSJ1247-03RE1	5.00	mL	5.00	mL	10/28/09 18:56	NMD	5030B MS
8260B	9J28107	RSJ1247-04	5.00	mL	5.00	mL	10/28/09 18:56	NMD	5030B MS
8260B	9J28107	RSJ1247-05	5.00	mL	5.00	mL	10/28/09 18:56	NMD	5030B MS
8260B	9J29005	RSJ1247-05RE1	5.00	mL	5.00	mL	10/28/09 18:56	NMD	5030B MS
8260B	9J28107	RSJ1247-06	5.00	mL	5.00	mL	10/28/09 18:56	NMD	5030B MS
8260B	9J28107	RSJ1247-07	5.00	mL	5.00	mL	10/28/09 18:56	NMD	5030B MS
8260B	9J28107	RSJ1247-08	5.00	mL	5.00	mL	10/28/09 18:56	NMD	5030B MS

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>										
Blank Analyzed: 10/28/09 (Lab Number:9J28107-BLK1, Batch: 9J28107)										
1,1,1-Trichloroethane			5.0	ug/L	ND					
1,1,2,2-Tetrachloroethane			5.0	ug/L	ND					
1,1,2-Trichloroethane			5.0	ug/L	ND					
1,1,2-Trichloro-1,2,2-trifluoroethane			5.0	ug/L	ND					
1,1-Dichloroethane			5.0	ug/L	ND					
1,1-Dichloroethene			5.0	ug/L	ND					
1,2,4-Trichlorobenzene			5.0	ug/L	ND					
1,2-Dibromo-3-chloropropane			5.0	ug/L	ND					
1,2-Dibromoethane			5.0	ug/L	ND					
1,2-Dichlorobenzene			5.0	ug/L	ND					
1,2-Dichloroethane			5.0	ug/L	ND					
1,2-Dichloropropane			5.0	ug/L	ND					
1,3-Dichlorobenzene			5.0	ug/L	ND					
1,4-Dichlorobenzene			5.0	ug/L	ND					
2-Butanone			25	ug/L	ND					
o-Chlorotoluene			5.0	ug/L	ND					
2-Hexanone			25	ug/L	ND					
4-Methyl-2-pentanone			25	ug/L	ND					
Acetone			25	ug/L	ND					
Benzene			5.0	ug/L	ND					
Bromodichloromethane			5.0	ug/L	ND					
Bromoform			5.0	ug/L	ND					
Bromomethane			5.0	ug/L	ND					
Carbon disulfide			5.0	ug/L	ND					
Carbon Tetrachloride			5.0	ug/L	ND					
Chlorobenzene			5.0	ug/L	ND					
Dibromochloromethane			5.0	ug/L	ND					
Chloroethane			5.0	ug/L	ND					
Chloroform			5.0	ug/L	ND					
Chloromethane			5.0	ug/L	ND					
cis-1,2-Dichloroethene			5.0	ug/L	ND					
cis-1,3-Dichloropropene			5.0	ug/L	ND					
Cyclohexane			5.0	ug/L	ND					
Dichlorofluoromethane			5.0	ug/L	ND					
Ethylbenzene			5.0	ug/L	ND					
Isopropylbenzene			5.0	ug/L	ND					

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Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>										
Blank Analyzed: 10/28/09 (Lab Number:9J28107-BLK1, Batch: 9J28107)										
Methyl Acetate			5.0	ug/L	ND					
Methyl-t-Butyl Ether (MTBE)			5.0	ug/L	ND					
Methylcyclohexane			5.0	ug/L	ND					
Methylene Chloride			5.0	ug/L	ND					
Styrene			5.0	ug/L	ND					
Tetrachloroethene			5.0	ug/L	ND					
Toluene			5.0	ug/L	ND					
trans-1,2-Dichloroethene			5.0	ug/L	ND					
trans-1,3-Dichloropropene			5.0	ug/L	ND					
Trichloroethene			5.0	ug/L	ND					
Trichlorofluoromethane			5.0	ug/L	ND					
Vinyl chloride			5.0	ug/L	ND					
Xylenes, total			15	ug/L	ND					
Surrogate:				ug/L		92	66-137			
1,2-Dichloroethane-d4				ug/L		110	73-120			
Surrogate:				ug/L		101	71-126			
4-Bromofluorobenzene				ug/L						
Surrogate: Toluene-d8				ug/L						
LCS Analyzed: 10/28/09 (Lab Number:9J28107-BS1, Batch: 9J28107)										
1,1,1,2-Tetrachloroethane			5.7	ug/L	ND		76-122			
1,1,1-Trichloroethane			5.0	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			5.0	ug/L	ND		70-126			
1,1,2-Trichloroethane			5.0	ug/L	ND		76-122			
1,1,2-Trichloro-1,2,2-trifluoroethane			5.0	ug/L	ND		60-140			
1,1-Dichloroethane			5.0	ug/L	ND		71-129			
1,1-Dichloroethene		25.0	5.0	ug/L	20.9	84	65-138			
1,1-Dichloropropene			1.0	ug/L	ND		72-122			
1,1-Dimethoxyethane			25	ug/L	ND					
1,2,3-Trichlorobenzene			1.0	ug/L	ND		64-121			
1,2,3-Trichloropropane			4.1	ug/L	ND		68-131			
1,2,3-Trimethylbenzene			1.0	ug/L	ND					
1,2,4-Trichlorobenzene			5.0	ug/L	ND		70-122			
1,2,4-Trimethylbenzene			1.0	ug/L	ND		76-121			
1,2-Dibromo-3-chloropropane			5.0	ug/L	ND		56-134			
1,2-Dibromoethane			5.0	ug/L	ND		77-120			
1,2-Dichlorobenzene			5.0	ug/L	ND		77-120			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>										
LCS Analyzed: 10/28/09 (Lab Number:9J28107-BS1, Batch: 9J28107)										
1,2-Dichloroethane			5.0	ug/L	ND		75-127			
1,2-Dichloroethene, Total			5.0	ug/L	ND		72-124			
1,2-Dichloropropane			5.0	ug/L	ND		76-120			
1,3,5-Trichlorobenzene			1.0	ug/L	ND					
1,3,5-Trimethylbenzene			1.0	ug/L	ND		77-121			
1,3-Dichlorobenzene			5.0	ug/L	ND		77-120			
1,3-Dichloropropane			1.0	ug/L	ND		75-120			
1,3-Dichloropropene, Total			2.0	ug/L	ND					
1,4-Dichlorobenzene			5.0	ug/L	ND		75-120			
1,4-Dioxane			40	ug/L	ND					
2,2-Dichloropropane			1.0	ug/L	ND		63-136			
2-Butanone			25	ug/L	ND		57-140			
2-Chloroethyl vinyl ether			5.0	ug/L	ND		60-140			
o-Chlorotoluene			5.0	ug/L	ND		76-121			
2-Hexanone			25	ug/L	ND		65-127			
2-Methylthiophene			1.0	ug/L	ND					
3-Chlorotoluene			1.0	ug/L	ND					
3-Methylthiophene			1.0	ug/L	ND					
4-Chlorotoluene			1.0	ug/L	ND		77-121			
4-Isopropyltoluene			1.0	ug/L	ND		73-120			
4-Methyl-2-pentanone			25	ug/L	ND		71-125			
Acetone			25	ug/L	ND		56-142			
Acetonitrile			90	ug/L	ND		60-140			
Acrolein			20	ug/L	ND		60-140			
Acrylonitrile			70	ug/L	ND		63-138			
Allyl chloride			1.0	ug/L	ND		60-140			
Benzene		25.0	5.0	ug/L	21.4	86	71-124			
Bromobenzene			1.0	ug/L	ND		78-120			
Bromochloromethane			3.2	ug/L	ND		72-130			
Bromodichloromethane			5.0	ug/L	ND		80-122			
Bromoform			5.0	ug/L	ND		66-128			
Bromomethane			5.0	ug/L	ND		36-150			
Carbon disulfide			5.0	ug/L	ND		59-134			
Carbon Tetrachloride			5.0	ug/L	ND		72-134			
Chlorobenzene		25.0	5.0	ug/L	24.6	98	72-120			
Dibromochloromethane			5.0	ug/L	ND		75-125			
Chlorodifluoromethane			1.0	ug/L	ND					

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Site ID: ChemTrol Site
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Received: 10/22/09
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>										
LCS Analyzed: 10/28/09 (Lab Number:9J28107-BS1, Batch: 9J28107)										
Chloroethane			5.0	ug/L	ND		69-136			
Chloroform			5.0	ug/L	ND		73-127			
Chloromethane			5.0	ug/L	ND		49-142			
Chloroprene			1.0	ug/L	ND		60-140			
cis-1,2-Dichloroethene			5.0	ug/L	ND		74-124			
cis-1,3-Dichloropropene			5.0	ug/L	ND		74-124			
Cyclohexane			5.0	ug/L	ND		70-130			
Cyclohexanone			10	ug/L	ND					
Dibromomethane			2.5	ug/L	ND		76-127			
Dichlorodifluoromethane			1.0	ug/L	ND		33-157			
Dichlorofluoromethane			5.0	ug/L	ND					
Dicyclopentadiene			1.0	ug/L	ND					
Diethyl ether			5.0	ug/L	ND					
Epichlorohydrin			20	ug/L	ND					
Ethyl Acetate			15	ug/L	ND					
Ethyl Methacrylate			1.0	ug/L	ND		60-140			
Ethyl tert-Butyl Ether			1.0	ug/L	ND		75-125			
Ethylbenzene			5.0	ug/L	ND		77-123			
Heptane			20	ug/L	ND					
Hexachlorobutadiene			1.0	ug/L	0.840		62-124			
Hexane			10	ug/L	ND					
Iodomethane			10	ug/L	ND		52-151			
Isobutanol			40	ug/L	ND		60-140			
Isopropyl alcohol			20	ug/L	ND					
Isopropyl ether			5.0	ug/L	ND		75-125			
Isopropylbenzene			5.0	ug/L	ND		77-122			
Methacrylonitrile			5.0	ug/L	ND		60-140			
Methyl Acetate			5.0	ug/L	ND		60-140			
Methyl Methacrylate			1.0	ug/L	ND		60-140			
Methyl-t-Butyl Ether (MTBE)			5.0	ug/L	ND		64-127			
Methylcyclohexane			5.0	ug/L	ND		60-140			
Methylene Chloride			5.0	ug/L	ND		57-132			
m-Monochlorobenzotrifluoride			1.0	ug/L	ND					
m-Xylene & p-Xylene			2.0	ug/L	ND		76-122			
Naphthalene			1.0	ug/L	1.57		54-140			
n-Butanol			40	ug/L	ND					
n-Butylbenzene			1.0	ug/L	ND		71-128			

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Work Order: RSJ1247
Site ID: ChemTrol Site
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Received: 10/22/09
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>										
LCS Analyzed: 10/28/09 (Lab Number:9J28107-BS1, Batch: 9J28107)										
n-Propylbenzene			1.0	ug/L	ND		77-120			
o-Monochlorobenzotrifluoride			1.0	ug/L	ND					
o-Xylene			1.0	ug/L	ND		76-122			
Pentachloroethane			1.0	ug/L	ND					
p-Monochlorobenzotrifluoride			1.0	ug/L	ND					
Propionitrile			10	ug/L	ND		60-140			
Propylene Oxide			5.0	ug/L	ND					
sec-Butylbenzene			1.0	ug/L	ND		74-127			
Styrene			5.0	ug/L	ND		70-130			
t-Amyl alcohol			1.0	ug/L	ND		75-125			
t-Butanol			20	ug/L	ND		75-125			
Tert-Amyl Methyl Ether			1.0	ug/L	ND		75-125			
tert-Butylbenzene			1.0	ug/L	ND		75-123			
Tetrachloroethene			5.0	ug/L	ND		74-122			
Tetrahydrofuran			10	ug/L	ND					
Toluene		25.0	5.0	ug/L	24.4	97	70-122			
trans-1,2-Dichloroethene			5.0	ug/L	ND		73-127			
trans-1,3-Dichloropropene			5.0	ug/L	ND		72-123			
trans-1,4-Dichloro-2-butene			5.0	ug/L	ND		38-155			
Trichloroethene		25.0	5.0	ug/L	21.4	86	74-123			
Trichlorofluoromethane			5.0	ug/L	ND		62-152			
Vinyl acetate			24	ug/L	ND		50-144			
Vinyl chloride			5.0	ug/L	ND		65-133			
Xylenes, total			15	ug/L	ND		76-122			
2-Nitropropane			5.0	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4				ug/L		90	66-137			
Surrogate: 4-Bromofluorobenzene				ug/L		109	73-120			
Surrogate: Toluene-d8				ug/L		102	71-126			

Volatile Organic Compounds by EPA 8260B

Blank Analyzed: 10/29/09 (Lab Number:9J29005-BLK1, Batch: 9J29005)

1,1,1-Trichloroethane	5.0	ug/L	ND
1,1,2,2-Tetrachloroethane	5.0	ug/L	ND
1,1,2-Trichloroethane	5.0	ug/L	ND

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>										
Blank Analyzed: 10/29/09 (Lab Number:9J29005-BLK1, Batch: 9J29005)										
1,1,2-Trichloro-1,2,2-trifluoroethane			5.0	ug/L	ND					
1,1-Dichloroethane			5.0	ug/L	ND					
1,1-Dichloroethene			5.0	ug/L	ND					
1,2,4-Trichlorobenzene			5.0	ug/L	ND					
1,2-Dibromo-3-chloropropane			5.0	ug/L	ND					
1,2-Dibromoethane			5.0	ug/L	ND					
1,2-Dichlorobenzene			5.0	ug/L	ND					
1,2-Dichloroethane			5.0	ug/L	ND					
1,2-Dichloropropane			5.0	ug/L	ND					
1,3-Dichlorobenzene			5.0	ug/L	ND					
1,4-Dichlorobenzene			5.0	ug/L	ND					
2-Butanone			25	ug/L	ND					
o-Chlorotoluene			5.0	ug/L	ND					
2-Hexanone			25	ug/L	ND					
4-Methyl-2-pentanone			25	ug/L	ND					
Acetone			25	ug/L	ND					
Benzene			5.0	ug/L	ND					
Bromodichloromethane			5.0	ug/L	ND					
Bromoform			5.0	ug/L	ND					
Bromomethane			5.0	ug/L	ND					
Carbon disulfide			5.0	ug/L	ND					
Carbon Tetrachloride			5.0	ug/L	ND					
Chlorobenzene			5.0	ug/L	ND					
Dibromochloromethane			5.0	ug/L	ND					
Chloroethane			5.0	ug/L	ND					
Chloroform			5.0	ug/L	ND					
Chloromethane			5.0	ug/L	ND					
cis-1,2-Dichloroethene			5.0	ug/L	ND					
cis-1,3-Dichloropropene			5.0	ug/L	ND					
Cyclohexane			5.0	ug/L	ND					
Dichlorofluoromethane			5.0	ug/L	ND					
Ethylbenzene			5.0	ug/L	ND					
Isopropylbenzene			5.0	ug/L	ND					
Methyl Acetate			5.0	ug/L	ND					
Methyl-t-Butyl Ether (MTBE)			5.0	ug/L	ND					
Methylcyclohexane			5.0	ug/L	ND					

TestAmerica Buffalo

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www.testamericainc.com

Waste Management - Hampton, NH
425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
---------	---------------	-------------	----	-------	--------	-------	--------------	-------	-----------	-----------------

Volatile Organic Compounds by EPA 8260B

Blank Analyzed: 10/29/09 (Lab Number:9J29005-BLK1, Batch: 9J29005)

Methylene Chloride			5.0	ug/L	ND					
Styrene			5.0	ug/L	ND					
Tetrachloroethene			5.0	ug/L	ND					
Toluene			5.0	ug/L	ND					
trans-1,2-Dichloroethene			5.0	ug/L	ND					
trans-1,3-Dichloropropene			5.0	ug/L	ND					
Trichloroethene			5.0	ug/L	ND					
Trichlorofluoromethane			5.0	ug/L	ND					
Vinyl chloride			5.0	ug/L	ND					
Xylenes, total			15	ug/L	ND					

Surrogate:				ug/L		89	66-137			
1,2-Dichloroethane-d4										
Surrogate:				ug/L		107	73-120			
4-Bromofluorobenzene										
Surrogate: Toluene-d8				ug/L		101	71-126			

LCS Analyzed: 10/29/09 (Lab Number:9J29005-BS1, Batch: 9J29005)

1,1,1,2-Tetrachloroethane			1.0	ug/L	ND		76-122			
1,1,1-Trichloroethane			5.0	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			5.0	ug/L	ND		70-126			
1,1,2-Trichloroethane			5.0	ug/L	ND		76-122			
1,1,2-Trichloro-1,2,2-trifluoroethane			5.0	ug/L	ND		60-140			
1,1-Dichloroethane			5.0	ug/L	ND		71-129			
1,1-Dichloroethene		25.0	5.0	ug/L	20.7	83	65-138			
1,1-Dichloropropene			1.0	ug/L	ND		72-122			
1,1-Dimethoxyethane			25	ug/L	ND					
1,2,3-Trichlorobenzene			1.0	ug/L	ND		64-121			
1,2,3-Trichloropropane			1.0	ug/L	ND		68-131			
1,2,3-Trimethylbenzene			1.0	ug/L	ND					
1,2,4-Trichlorobenzene			5.0	ug/L	ND		70-122			
1,2,4-Trimethylbenzene			1.0	ug/L	ND		76-121			
1,2-Dibromo-3-chloropropane			2.0	ug/L	ND		56-134			
1,2-Dibromoethane			5.0	ug/L	ND		77-120			
1,2-Dichlorobenzene			5.0	ug/L	ND		77-120			
1,2-Dichloroethane			5.0	ug/L	ND		75-127			
1,2-Dichloroethene, Total			5.0	ug/L	ND		72-124			
1,2-Dichloropropane			5.0	ug/L	ND		76-120			

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Waste Management - Hampton, NH
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Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>										
LCS Analyzed: 10/29/09 (Lab Number:9J29005-BS1, Batch: 9J29005)										
1,3,5-Trichlorobenzene			1.0	ug/L	ND					
1,3,5-Trimethylbenzene			1.0	ug/L	ND		77-121			
1,3-Dichlorobenzene			5.0	ug/L	ND		77-120			
1,3-Dichloropropane			1.0	ug/L	ND		75-120			
1,3-Dichloropropene, Total			2.0	ug/L	ND					
1,4-Dichlorobenzene			5.0	ug/L	ND		75-120			
1,4-Dioxane			40	ug/L	ND					
2,2-Dichloropropane			1.0	ug/L	ND		63-136			
2-Butanone			10	ug/L	ND		57-140			
2-Chloroethyl vinyl ether			5.0	ug/L	ND		60-140			
o-Chlorotoluene			5.0	ug/L	ND		76-121			
2-Hexanone			10	ug/L	ND		65-127			
2-Methylthiophene			1.0	ug/L	ND					
3-Chlorotoluene			1.0	ug/L	ND					
3-Methylthiophene			1.0	ug/L	ND					
4-Chlorotoluene			1.0	ug/L	ND		77-121			
4-Isopropyltoluene			1.0	ug/L	ND		73-120			
4-Methyl-2-pentanone			10	ug/L	ND		71-125			
Acetone			10	ug/L	ND		56-142			
Acetonitrile			90	ug/L	ND		60-140			
Acrolein			20	ug/L	ND		60-140			
Acrylonitrile			5.0	ug/L	ND		63-138			
Allyl chloride			1.0	ug/L	ND		60-140			
Benzene		25.0	5.0	ug/L	20.3	81	71-124			
Bromobenzene			1.0	ug/L	ND		78-120			
Bromochloromethane			1.0	ug/L	ND		72-130			
Bromodichloromethane			5.0	ug/L	ND		80-122			
Bromoform			5.0	ug/L	ND		66-128			
Bromomethane			2.0	ug/L	ND		36-150			
Carbon disulfide			5.0	ug/L	ND		59-134			
Carbon Tetrachloride			5.0	ug/L	ND		72-134			
Chlorobenzene		25.0	5.0	ug/L	23.0	92	72-120			
Dibromochloromethane			5.0	ug/L	ND		75-125			
Chlorodifluoromethane			1.0	ug/L	ND					
Chloroethane			2.0	ug/L	ND		69-136			
Chloroform			5.0	ug/L	ND		73-127			
Chloromethane			2.0	ug/L	ND		49-142			

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Waste Management - Hampton, NH
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Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>										
LCS Analyzed: 10/29/09 (Lab Number:9J29005-BS1, Batch: 9J29005)										
Chloroprene			1.0	ug/L	ND		60-140			
cis-1,2-Dichloroethene			5.0	ug/L	ND		74-124			
cis-1,3-Dichloropropene			5.0	ug/L	ND		74-124			
Cyclohexane			5.0	ug/L	ND		70-130			
Cyclohexanone			100	ug/L	ND					
Dibromomethane			1.0	ug/L	ND		76-127			
Dichlorodifluoromethane			2.0	ug/L	ND		33-157			
Dichlorofluoromethane			5.0	ug/L	ND					
Dicyclopentadiene			1.0	ug/L	ND					
Diethyl ether			5.0	ug/L	ND					
Epichlorohydrin			20	ug/L	ND					
Ethyl Acetate			15	ug/L	ND					
Ethyl Methacrylate			1.0	ug/L	ND		60-140			
Ethyl tert-Butyl Ether			1.0	ug/L	ND		75-125			
Ethylbenzene			5.0	ug/L	ND		77-123			
Heptane			20	ug/L	ND					
Hexachlorobutadiene			1.0	ug/L	ND		62-124			
Hexane			10	ug/L	ND					
Iodomethane			1.0	ug/L	ND		52-151			
Isobutanol			40	ug/L	ND		60-140			
Isopropyl alcohol			20	ug/L	ND					
Isopropyl ether			5.0	ug/L	ND		75-125			
Isopropylbenzene			5.0	ug/L	ND		77-122			
Methacrylonitrile			5.0	ug/L	ND		60-140			
Methyl Acetate			5.0	ug/L	ND		60-140			
Methyl Methacrylate			1.0	ug/L	ND		60-140			
Methyl-t-Butyl Ether (MTBE)			5.0	ug/L	ND		64-127			
Methylcyclohexane			5.0	ug/L	ND		60-140			
Methylene Chloride			5.0	ug/L	ND		57-132			
m-Monochlorobenzotrifluoride			1.0	ug/L	ND					
m-Xylene & p-Xylene			2.0	ug/L	ND		76-122			
Naphthalene			1.0	ug/L	ND		54-140			
n-Butanol			40	ug/L	ND					
n-Butylbenzene			1.0	ug/L	ND		71-128			
n-Propylbenzene			1.0	ug/L	ND		77-120			
o-Monochlorobenzotrifluoride			1.0	ug/L	ND					

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425 Perinton Pkwy
Fairport, NY 14450

Work Order: RSJ1247
Site ID: ChemTrol Site
Project: Chem-trol Groundwater
Project Number: WMI01778

Received: 10/22/09
Reported: 10/30/09 18:32

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>										
LCS Analyzed: 10/29/09 (Lab Number:9J29005-BS1, Batch: 9J29005)										
o-Xylene			1.0	ug/L	ND		76-122			
Pentachloroethane			1.0	ug/L	ND					
p-Monochlorobenzotrifluoride			1.0	ug/L	ND					
Propionitrile			10	ug/L	ND		60-140			
Propylene Oxide			20	ug/L	ND					
sec-Butylbenzene			1.0	ug/L	ND		74-127			
Styrene			5.0	ug/L	ND		70-130			
t-Amyl alcohol			1.0	ug/L	ND		75-125			
t-Butanol			20	ug/L	ND		75-125			
Tert-Amyl Methyl Ether			1.0	ug/L	ND		75-125			
tert-Butylbenzene			1.0	ug/L	ND		75-123			
Tetrachloroethene			5.0	ug/L	ND		74-122			
Tetrahydrofuran			10	ug/L	ND					
Toluene		25.0	5.0	ug/L	23.0	92	70-122			
trans-1,2-Dichloroethene			5.0	ug/L	ND		73-127			
trans-1,3-Dichloropropene			5.0	ug/L	ND		72-123			
trans-1,4-Dichloro-2-butene			5.0	ug/L	ND		38-155			
Trichloroethene		25.0	5.0	ug/L	20.4	82	74-123			
Trichlorofluoromethane			5.0	ug/L	ND		62-152			
Vinyl acetate			5.0	ug/L	ND		50-144			
Vinyl chloride			5.0	ug/L	ND		65-133			
Xylenes, total			15	ug/L	ND		76-122			
2-Nitropropane			5.0	ug/L	ND					
Surrogate:				ug/L		89	66-137			
1,2-Dichloroethane-d4				ug/L		111	73-120			
Surrogate:				ug/L						
4-Bromofluorobenzene				ug/L		104	71-126			
Surrogate: Toluene-d8				ug/L						

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL 4124 (1007)

Client <u>Chem Trl</u>		Project Manager <u>RTU</u>		Date <u>10-22-09</u>	Chain of Custody Number <u>159527</u>
Address		Telephone Number (Area Code)/Fax Number		Lab Number	Page _____ of _____

City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)
------	-------	----------	--------------	-------------	--

Project Name and Location (State) <u>Chem Trl Ariz</u>	Carrier/Waybill Number
---	------------------------

Contract/Purchase Order/Quote No. <u>NY 5AS 845 15 2</u>	ACMA 0428
---	-----------

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives								B260	Special Instructions/ Conditions of Receipt
			Air	Soil	Water	Sludge	Unpres.	MSDS	MMS	MC	MSDS	MSDS	MSDS	MSDS		
<u>TRIP BLANK</u>	<u>10-22-09</u>	<u>0800</u>	<u>X</u>							<u>X</u>					<u>2</u>	
<u>MW-7R</u>		<u>1225</u>													<u>4</u>	
<u>MW-9R</u>		<u>1235</u>													<u>4</u>	
<u>DUP</u>		<u>1235</u>													<u>4</u>	<u>ON MW 9R</u>
<u>MW-8R</u>		<u>1250</u>													<u>4</u>	
<u>MW-13R</u>		<u>1310</u>													<u>4</u>	
<u>MW-15R</u>		<u>1330</u>													<u>4</u>	
<u>MW-35</u>		<u>1350</u>													<u>4</u>	

Possible Hazard Identification	Sample Disposal	(A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	

Turn Around Time Required	QC Requirements (Specify)
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____	

1. Relinquished By <u>[Signature]</u>	Date <u>10-22-09</u>	Time <u>1450</u>	1. Received By <u>[Signature]</u>	Date <u>10/22/09</u>	Time <u>1456</u>
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 - Filed Copy

600

ATTACHMENT C

MMCE 2009 Monthly Site Visit Summaries

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: Feb 2, 2009

SVE System

Blower 1 _____
Blower 2 ✓
Alarms 0

PI-1 215 in H₂O
PI-2 7-15 in H₂O
T-1 38 °F
FI-1 024

Hnu (ppm)

NA

Make up Valve

12/13

0=open

13=closed

Water Knockout Tank _____

Water Extraction System

EW-1

top pvc 624.07

status R

% speed 63

rate-gpm 4

flow meter _____ gallons

depth _____ ft

Water Elev.

Level SP 199 in

High SP 0 250 in

Low SP 25 in

133"

OW-2 (624.1)

EW-2

top pvc 622.16

status R

% speed 58

rate-gpm 7

flow meter _____ gallons

depth _____ ft

Water Elev.

Level SP 160 in

High SP 250 in

Low SP 25 in

137"

OW-1 (620.4)

EW-3

top pvc 621.1

status SB

% speed _____

rate-gpm 3

flow meter _____ gallons

depth _____ ft

Water Elev.

Level SP 0 170 in

High SP 251 250 in

Low SP 24 25 in

133"

Blower Motor 109 in H₂O

Iron Filter

appearance: _____

Alarm History

26,974,115 11:35
26,973,980 11:24 16gpm

Totalizer _____ gallons

Average Flow: 15gpm

Leaks NONE

General Comments

Remote Panels

EW-1

Pump _____
Head 133" in

EW-2

Pump _____
Head 137" in

EW-3

Pump _____
Head 133" in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: Feb 25, 2009

SVE System

Blower 1 _____
Blower 2 ✓
Alarms Ø

PI-1 715 in H₂O
PI-2 715 in H₂O
T-1 50 °F
FI-1 -

Hnu (ppm) _____

Water Knockout Tank _____

Make up Valve

11/13

0=open

13=closed

Water Extraction System

EW-1

top pvc 624.07

status FAULT

% speed 0

rate-gpm 0

flow meter _____ gallons

depth _____ ft

Water Elev. _____

EW-2

top pvc 622.16

status R

% speed 58

rate-gpm 8

flow meter _____ gallons

depth _____ ft

Water Elev. _____

EW-3

top pvc 621.1

status 513

% speed 65

rate-gpm 3

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 199 in

High SP 0 250 in

Low SP 25 in

Level SP 160 in

High SP 250 in

Low SP 25 in

Level SP 170 in

High SP 250 in

Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor 20 in H₂O

Iron Filter

appearance: _____

Alarm History

12:18 27,422,600 13404/108m
10:30 27,421,200
Totalizer _____ gallons

Average Flow: 12-4 gpm

Leaks _____

General Comments

INSTALLED TWO SAMPLE PORTS ON SVE LATERALS OE 1.
MEASURED ALL LATERAL WATER LEVELS.

Remote Panels

EW-1

Pump _____
Head 2.8 in

EW-2

Pump _____
Head 147 in

EW-3

Pump _____
Head 146 in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: *MARCH 4, 2009.*

SVE System

Blower 1	_____	PI-1	<u>715</u>	in H ₂ O	Hnu (ppm)
Blower 2	<u>✓</u>	PI-2	<u>715</u>	in H ₂ O	<u>—</u>
Alarms	<u>Ø</u>	T-1	<u>50</u>	°F	
		FI-1	<u>—</u>		
Water Knockout Tank	_____			Make up Valve	<u>11/13</u>
				0=open	
				13=closed	

Water Extraction System

EW-1		EW-2		EW-3	
top pvc	624.07	top pvc	622.16	top pvc	621.1
status	_____	status	_____	status	_____
% speed	_____	% speed	_____	% speed	_____
rate-gpm	_____	rate-gpm	_____	rate-gpm	_____
flow meter	_____ gallons	flow meter	_____ gallons	flow meter	_____ gallons
depth	_____ ft	depth	_____ ft	depth	_____ ft
Water Elev.		Water Elev.		Water Elev.	
Level SP	<u>199</u> in	Level SP	<u>160</u> in	Level SP	<u>170</u> in
High SP	<u>250</u> in	High SP	<u>250</u> in	High SP	<u>250</u> in
Low SP	<u>25</u> in	Low SP	<u>25</u> in	Low SP	<u>25</u> in

OW-2 (624.1)

OW-1(620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

ON SITE TO MONITOR WATER LEVELS IN LATERALS

Remote Panels

EW-1	EW-2	EW-3
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date : MARCH 6, 2009

SVE System

Blower 1 _____ PI-1 _____ in H₂O Hnu (ppm) _____
Blower 2 _____ PI-2 _____ in H₂O _____
Alarms _____ T-1 _____ °F _____
FI-1 _____ Make up Valve _____
Water Knockout Tank _____
0=open
13=closed

Water Extraction System

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor _____ in H₂O

Iron Filter

Alarm History

appearance: _____

Totalizer _____ gallons

Average Flow: _____

Leaks _____

General Comments

MEASURED WATER LEVELS IN LATHELS & Surveyed Pipe ELEVATIONS.

Remote Panels

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date : *MARCH 12, 2009*

SVE System

Blower 1 _____ PI-1 _____ in H₂O Hnu (ppm) _____
Blower 2 _____ PI-2 _____ in H₂O _____
Alarms _____ T-1 _____ °F _____
FI-1 _____ Make up Valve _____
Water Knockout Tank _____
0=open
13=closed

Water Extraction System

EW-1	EW-2	EW-3
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow: _____

Leaks _____

General Comments

*STOPPED AT SITE MONITORED P2R & P2S
ALERTED AECOM OF VFD FAILURE - EW1
RECEIVED CALL FROM DEC, REPORTING SVE MANHOLE OPEN.
WENT TO SITE & CHECKED Bldgs & LOCATED DOOR.*

Remote Panels

EW-1	EW-2	EW-3
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: MARCH 13, 2009

SVE System

Blower 1 _____
Blower 2 ✓
Alarms Ø

PI-1 _____ in H₂O
PI-2 _____ in H₂O
T-1 _____ °F
FI-1 - 024

Hnu (ppm) _____

Water Knockout Tank _____

Make up Valve

0=open

13=closed

11/13

Water Extraction System

EW-1

top pvc 624.07

status VFO FAILURE

% speed _____

rate-gpm _____

flow meter _____ gallons

depth 1541 ft

Water Elev. 608.7

EW-2

top pvc 622.16

status 12

% speed 50

rate-gpm 8

flow meter _____ gallons

depth 1534 ft

Water Elev. 606.0

EW-3

top pvc 621.1

status 36

% speed 65

rate-gpm 3

flow meter _____ gallons

depth 1290 ft

Water Elev. 608.2

Level SP 199 in

High SP 250 in

Low SP 25 in

Level SP 160 in

High SP 250 in

Low SP 25 in

Level SP 170 in

High SP 250 in

Low SP 25 in

OW-2 (624.1) 1285 611.3

OW-1(620.4) 9.57 → 610.8

Blower Motor 20 in H₂O

Iron Filter

appearance: _____

Alarm History

27677 863 1255

Totalizer 22677070 1155 gallons 13 gpm

Average Flow: _____

Leaks _____

General Comments

Levels in LATENTES & PLS & PLR

Remote Panels

EW-1

Pump _____

Head - in

EW-2

Pump _____

Head 160" in

EW-3

Pump _____

Head 162" in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date : *MARCH 25, 2009*

SVE System

Blower 1 _____
Blower 2 _____
Alarms _____

PI-1 _____ in H₂O
PI-2 _____ in H₂O
T-1 _____ °F
FI-1 _____

Hnu (ppm) _____

Water Knockout Tank _____

Make up Valve _____

0=open

13=closed

Water Extraction System

EW-1

top pvc 624.07

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 199 in

High SP 250 in

Low SP 25 in

EW-2

top pvc 622.16

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 160 in

High SP 250 in

Low SP 25 in

EW-3

top pvc 621.1

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 170 in

High SP 250 in

Low SP 25 in

OW-2 (624.1)

OW-1(620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow: _____

Leaks _____

General Comments

CHECKED LATERALS, MEASURED P2S, LATS & P2R

Remote Panels

EW-1

Pump _____
Head _____ in

EW-2

Pump _____
Head _____ in

EW-3

Pump _____
Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: April 21, 2009

SVE System

Blower 1 _____
Blower 2 ✓
Alarms 0

PI-1 715 in H₂O
PI-2 715 in H₂O
T-1 45° °F
FI-1 .025

Hnu (ppm) _____

Water Knockout Tank —

Make up Valve

0=open
13=closed

11/13

Water Extraction System

EW-1

top pvc 624.07
status R
% speed _____
rate-gpm 2
flow meter _____ gallons
depth 2213 ft
Water Elev. 601.9

EW-2

top pvc 622.16
status R
% speed _____
rate-gpm 6
flow meter _____ gallons
depth 17.14 ft
Water Elev. 605

EW-3

top pvc 621.1
status SP
% speed _____
rate-gpm 2
flow meter _____ gallons
depth 1723 ft
Water Elev. 603.9

Level SP 199 in
High SP 250 in
Low SP 25 in

Level SP 160 in
High SP 250 in
Low SP 25 in

Level SP 170 in
High SP 250 in
Low SP 25 in

OW-2 (624.1) 1432 = 607.8

OW-1 (620.4) 1256 =

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

28 408 650 1130
28 408 320 1105

Totalizer _____ gallons

Average Flow: 13.2 gpm

Leaks _____

General Comments

Remote Panels

EW-1

Pump _____
Head _____ in

EW-2

Pump _____
Head _____ in

EW-3

Pump _____
Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: *April 29, 2009*

SVE System

Blower 1 _____
Blower 2 _____
Alarms _____
Water Knockout Tank _____

PI-1 _____ in H₂O
PI-2 _____ in H₂O
T-1 _____ °F
FI-1 _____

Hnu (ppm) _____
Make up Valve _____
0=open
13=closed

Water Extraction System

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor _____ in H₂O

Iron Filter
appearance: _____

Alarm History

28 558 920 15:00
28 535 690 11:45
Totalizer _____ gallons

Average Flow: *9.7 gpm*

Leaks _____

General Comments

*2nd QUARTER WATER Levels
measured LATRAGES*

Remote Panels

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: May 6, 2009

SVE System

Blower 1 _____
Blower 2 ✓
Alarms On

PI-1 715 in H₂O
PI-2 715 in H₂O
T-1 50 °F
FI-1 023

Hnu (ppm) _____

Water Knockout Tank ✓

Make up Valve

11/13

0=open

13=closed

Water Extraction System

EW-1

top pvc 624.07

status R

% speed 03

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 199 in

High SP 0 250 in

Low SP 25 in

EW-2

top pvc 622.16

status R

% speed 58

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 160 in

High SP 250 in

Low SP 25 in

EW-3

top pvc 621.1

status R

% speed 65

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 0 170 in

High SP 251 250 in

Low SP 24 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor 20 in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer - gallons

Average Flow:

Leaks NONE

General Comments

Water Levels in LATERALS

Remote Panels

EW-1

Pump _____
Head _____ in

EW-2

Pump _____
Head _____ in

EW-3

Pump _____
Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: *11/21, 2009*

SVE System

Blower 1 _____
Blower 2 _____
Alarms _____
Water Knockout Tank _____

PI-1 _____ in H₂O
PI-2 _____ in H₂O
T-1 _____ °F
FI-1 _____

Hnu (ppm) _____
Make up Valve _____
0=open
13=closed

Water Extraction System

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor _____ in H₂O

Iron Filter

Alarm History

appearance: _____

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

Began installing snare tubes

Remote Panels

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: 11/22, 2009

SVE System

Blower 1 _____
Blower 2 ✓
Alarms _____

PI-1 715 in H₂O
PI-2 715 in H₂O
T-1 60 °F
FI-1 024

Hnu (ppm) _____

Water Knockout Tank _____

Make up Valve

11/13

0=open

13=closed

Water Extraction System

EW-1

top pvc 624.07

status R

% speed 63

rate-gpm 2

flow meter _____ gallons

depth _____ ft

Water Elev. _____

EW-2

top pvc 622.16

status R

% speed 53

rate-gpm 6

flow meter _____ gallons

depth _____ ft

Water Elev. _____

EW-3

top pvc 621.1

status off

% speed 65

rate-gpm 0

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 199 in

High SP 250 in

Low SP 25 in

Level SP 160 in

High SP 250 in

Low SP 25 in

Level SP 170 in

High SP 250 in

Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer 28,926,330 gallons

Average Flow:

Leaks _____

General Comments

mini RAR, ET SAMPLED WATER & 5 SUMMING CANNISTERS
EW3 down (Repairal June 19, 2009)

Remote Panels

EW-1

Pump _____
Head 121 in

EW-2

Pump _____
Head 197 in

EW-3

Pump _____
Head 175 in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date : *11/27/2007*

SVE System

Blower 1 _____
Blower 2 _____
Alarms _____
Water Knockout Tank _____

PI-1 _____ in H₂O
PI-2 _____ in H₂O
T-1 _____ °F
FI-1 _____

Hnu (ppm) _____
Make up Valve _____
0=open
13=closed

Water Extraction System

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

Replaced Guff Joints on Air Sample Tubes

Remote Panels

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: June 12, 2009

SVE System

Blower 1 _____
Blower 2 ✓
Alarms 0

PI-1 >15 in H₂O
PI-2 >15 in H₂O
T-1 60 °F
FI-1 025

Hnu (ppm) _____

Water Knockout Tank -

Make up Valve

0=open

13=closed

11/13

Water Extraction System

EW-1

top pvc 624.07

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 199 in

High SP 250 in

Low SP 25 in

EW-2

top pvc 622.16

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 160 in

High SP 250 in

Low SP 25 in

EW-3

top pvc 621.1

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 170 in

High SP 250 in

Low SP 25 in

OW-2 (624.1)

OW-1(620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

Measured Ground Water Levels

Remote Panels

EW-1

Pump _____

Head _____ in

EW-2

Pump _____

Head _____ in

EW-3

Pump _____

Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: Line 15, 2009

SVE System

Blower 1 _____
Blower 2 _____
Alarms _____
Water Knockout Tank _____

PI-1 _____ in H₂O
PI-2 _____ in H₂O
T-1 _____ °F
FI-1 _____

Hnu (ppm) _____
Make up Valve _____
0=open
13=closed

Water Extraction System

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

measured GROUNDWATER ELEVATIONS IN SVE SYSTEM LATERALS

Remote Panels

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: *Jul 24, 2009*

SVE System

Blower 1 _____
Blower 2 _____
Alarms _____
Water Knockout Tank _____

PI-1 _____ in H₂O
PI-2 _____ in H₂O
T-1 _____ °F
FI-1 _____

Hnu (ppm) _____
Make up Valve _____
0=open
13=closed

Water Extraction System

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

*Met Test America on Site To Sample Overburden
wells on Flood plain. All OK*

Remote Panels

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: July 17, 2009

SVE System

Blower 1 _____ PI-1 _____ in H₂O _____ Hnu (ppm) _____
Blower 2 _____ PI-2 _____ in H₂O _____
Alarms _____ T-1 _____ °F _____
FI-1 _____ Make up Valve _____
Water Knockout Tank _____
0=open
13=closed

Water Extraction System

EW-1	EW-2	EW-3
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1(620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

MEASURED Groundwater elevations in SVE LATERALS
SNAKES IN BUILDINGS, Hornets on Door.
STUN 17 ON HEAD, RIGHT ON E LEFT HAND!

Remote Panels

EW-1	EW-2	EW-3
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: July 30, 2009

SVE System

Blower 1 _____
Blower 2 ✓
Alarms 0

PI-1 715 in H₂O
PI-2 715 in H₂O
T-1 64 °F
FI-1 .023

Hnu (ppm) —

Water Knockout Tank —

Make up Valve 11/13

0=open
13=closed

Water Extraction System

EW-1

top pvc 624.07

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 199 in

High SP 250 in

Low SP 25 in

EW-2

top pvc 622.16

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 160 in

High SP 250 in

Low SP 25 in

EW-3

top pvc 621.1

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 170 in

High SP 250 in

Low SP 25 in

OW-2 (624.1)

OW-1(620.4)

Blower Motor _____ in H₂O

Iron Filter
appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow: _____

Leaks _____

General Comments

MET W/ GARTH TECH AND OBTAINED THREE SLIMING CANISTERS
FOR ANALYTICAL TESTING, LATERALS 0, 1 & 7.
MEASURED LATERALS & EXTRACTION WELLS

Remote Panels

EW-1

Pump _____
Head _____ in

EW-2

Pump _____
Head _____ in

EW-3

Pump _____
Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: Sept 3, 2009

SVE System

Blower 1 _____
Blower 2 _____
Alarms _____
Water Knockout Tank _____

PI-1 _____ in H₂O
PI-2 _____ in H₂O
T-1 _____ °F
FI-1 _____

Hnu (ppm) _____
Make up Valve _____
0=open
13=closed

Water Extraction System

EW-1	EW-2	EW-3
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

ON SITE TO OPEN GATE FOR EOI.
EOI MOWED ENTIRE SITE THIS DAY.

Remote Panels

EW-1	EW-2	EW-3
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: SEPTEMBER 30, 2009

SVE System

Blower 1	_____	PI-1	<u>715</u>	in H ₂ O	Hnu (ppm)
Blower 2	<u>✓</u>	PI-2	<u>715</u>	in H ₂ O	_____
Alarms	<u>6</u>	T-1	<u>65</u>	°F	_____
		FI-1	<u>024</u>		_____
Water Knockout Tank	<u>0</u>				Make up Valve

0=open

13=closed

11/13

Water Extraction System

EW-1

top pvc 624.07

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 199 in

High SP 250 in

Low SP 25 in

EW-2

top pvc 622.16

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 160 in

High SP 250 in

Low SP 25 in

EW-3

top pvc 621.1

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 170 in

High SP 250 in

Low SP 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

Remote Panels

EW-1

Pump _____
Head _____ in

EW-2

Pump _____
Head _____ in

EW-3

Pump _____
Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: *October 8, 2009*

SVE System

Blower 1 _____
Blower 2 _____
Alarms _____
Water Knockout Tank _____

PI-1 _____ in H₂O
PI-2 _____ in H₂O
T-1 _____ °F
FI-1 _____

Hnu (ppm) _____
Make up Valve _____
0=open
13=closed

Water Extraction System

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1(620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

3rd Quarter Water Levels

Remote Panels

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: October 13, 2009

SVE System

Blower 1 _____
Blower 2 ✓
Alarms 0

PI-1 >15 in H₂O
PI-2 >15 in H₂O
T-1 56 °F
FI-1 024

Hnu (ppm) _____

Water Knockout Tank —

Make up Valve

0=open
13=closed

11/13

Water Extraction System

EW-1

top pvc 624.07
status R
% speed 63
rate-gpm 4
flow meter 3 gallons
depth 18.35 ft
Water Elev. 605.7

EW-2

top pvc 622.16
status R
% speed 58
rate-gpm 8
flow meter 7 gallons
depth 16.03 ft
Water Elev. 608.1

EW-3

top pvc 621.1
status SB
% speed 65
rate-gpm 0
flow meter 3 gallons
depth 15.25 ft
Water Elev. 605.9

Level SP 199 in
High SP 0 250 in
Low SP 25 in

Level SP 160 in
High SP 250 in
Low SP 25 in

Level SP 0 170 in
High SP 251 250 in
Low SP 24 25 in

OW-2 (624.1)

OW-1 (620.4)

Blower Motor 20 in H₂O

Iron Filter

appearance: _____

Alarm History

31,109,210 11:03 908
31,108,302 9:58 65
Totalizer _____ gallons

Average Flow: 13.9 gpm

Leaks None

General Comments

ANNUAL WALK OVER W DEC

Remote Panels

EW-1

Pump _____
Head 181 in

EW-2

Pump _____
Head 152 in

EW-3

Pump _____
Head 188 in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date : *OCTOBER 22, 2009*

SVE System

Blower 1 _____ PI-1 _____ in H₂O _____ Hnu (ppm)
Blower 2 _____ PI-2 _____ in H₂O _____
Alarms _____ T-1 _____ °F _____
Water Knockout Tank _____ FI-1 _____ Make up Valve _____
0=open
13=closed

Water Extraction System

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
top pvc 624.07	top pvc 622.16	top pvc 621.1
status _____	status _____	status _____
% speed _____	% speed _____	% speed _____
rate-gpm _____	rate-gpm _____	rate-gpm _____
flow meter _____ gallons	flow meter _____ gallons	flow meter _____ gallons
depth _____ ft	depth _____ ft	depth _____ ft
Water Elev. _____	Water Elev. _____	Water Elev. _____
Level SP 199 in	Level SP 160 in	Level SP 170 in
High SP 250 in	High SP 250 in	High SP 250 in
Low SP 25 in	Low SP 25 in	Low SP 25 in

OW-2 (624.1)

OW-1(620.4)

Blower Motor _____ in H₂O

Iron Filter

appearance: _____

Alarm History

Totalizer _____ gallons

Average Flow:

Leaks _____

General Comments

OPENED GATE FOR TEST AMERICA ANNUAL ANALYTICALS

Remote Panels

<u>EW-1</u>	<u>EW-2</u>	<u>EW-3</u>
Pump _____	Pump _____	Pump _____
Head _____ in	Head _____ in	Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: Nov 18, 2009

SVE System

Blower 1 _____
Blower 2 ✓
Alarms 0

PI-1 715 in H₂O
PI-2 715 in H₂O
T-1 55 °F
FI-1 026

Hnu (ppm) _____

Water Knockout Tank -

Make up Valve

11/13

0=open

13=closed

Water Extraction System

EW-1

top pvc 624.07

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 199 in

High SP 250 in

Low SP 25 in

EW-2

top pvc 622.16

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 160 in

High SP 250 in

Low SP 25 in

EW-3

top pvc 621.1

status _____

% speed _____

rate-gpm _____

flow meter _____ gallons

depth _____ ft

Water Elev. _____

Level SP 170 in

High SP 250 in

Low SP 25 in

OW-2 (624.1)

OW-1(620.4)

Blower Motor 20 in H₂O

Iron Filter

appearance: _____

Alarm History

31 790 680 3:23
Totalizer 31 789 710 2:05 gallons 12.4 gpm

Average Flow:

Leaks _____

General Comments

4th QUARTER WATER LEVELS

Remote Panels

EW-1

Pump _____

Head _____ in

EW-2

Pump _____

Head _____ in

EW-3

Pump _____

Head _____ in

Chem-Trol Site

Hamburg, New York

File: 94-022

Date: DEC 15, 2007

SVE System

Blower 1 _____
Blower 2 ✓
Alarms N/A

PI-1 7-15 in H₂O
PI-2 7-15 in H₂O
T-1 58 °F
FI-1 025

Hnu (ppm) _____

Water Knockout Tank OK

Make up Valve

0=open
13=closed

11/13

Water Extraction System

EW-1

top pvc 624.07
status R
% speed 63
rate-gpm _____
flow meter _____ gallons
depth 1943 ft
Water Elev. _____

EW-2

top pvc 622.16
status R
% speed 58
rate-gpm _____
flow meter _____ gallons
depth 1371 ft
Water Elev. _____

EW-3

top pvc 621.1
status SB
% speed 65
rate-gpm _____
flow meter _____ gallons
depth 1306 ft
Water Elev. _____

Level SP 199 in
High SP 250 in
Low SP 25 in
177"

Level SP 160 in
High SP 250 in
Low SP 25 in
284"

Level SP 170 in
High SP 250 in
Low SP 25 in
188"

OW-2 (624.1)

OW-1 (620.4)

Blower Motor 16 in H₂O

Iron Filter

appearance: Scummy

Alarm History

N/A

32,382,410 1054
32,381,830 1019

Totalizer _____ gallons

Average Flow: $\frac{580}{35} = 16.6 \text{ gpm}$

Leaks NONE

General Comments

Called Earth Tech AECOM RECOMMENDING LOW BLOWER PRESSURE
& HI TRANSFORMER READING & PANEL EW2 NOT LIT

Remote Panels

EW-1

Pump _____
Head 177 in

EW-2

Pump No Lights
Head 284 in

EW-3

Pump _____
Head 188 in