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February 9, 2011
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: Soil Vapor Extraction (SVE) System Evaluation Report
Chem-Trol Site, Registry No. 9-15-015

Dear Mr. May:

McMahon & Mann Consulting Engineers, P.C. (MMCE) has prepared this letter report on behalf of SC Holdings, Inc. (SC Holdings) as the result of performing the Chem-Trol SVE system evaluation for one year as described in a workplan dated October 22, 2009. As part of the evaluation, we proposed to compare volatile organic compound (VOC) concentrations measured during the 2010 evaluation with 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.

Under the approved workplan, we completed the following tasks:

- Shut down the SVE blower on January 15, 2010 and converted laterals 0,1, 2, 3 and 4 to passive vents by adding an approximately 2.5 foot section of 4 inch pipe onto each lateral riser and connected a 90 degree elbow with the opening covered with a piece of nylon screen;

- Converted the remaining laterals 5, 6 and 7 to passive vents on January 21, 2010;

- Obtained monthly measurements of VOC concentrations in soil vapors in all laterals from February 2010 through January 2011 (see Attachment I) using a photoionization detector (PID);

- Obtained monthly measurements of water levels in the SVE collection lateral risers from February 2010 through January 2011 (see Attachment I);

- As required in the New York State Department of Environmental Conservation (NYSDEC) January 14, 2010 workplan approval letter, one round of summa

canister samples was obtained from open laterals 0, 1 and 7 on August 18, 2010 and open laterals 2, 3, 5 and 6 on October 13, 2010;

- Obtained monthly measurements of water level elevations in MW-3S and P2S from February 2010 through January 2011; and

- Plotted monthly VOC concentrations detected in the influent to the groundwater collection and treatment system (see Figure 1) and from the SVE laterals and passive vents (see Attachment I).

Additional details describing the active to passive conversion are provided in a February 23, 2010 letter from MMCE to Mr. Mark R. Snyder, P.E. A copy of the letter is included as Attachment II.

Summary of Results

Water Levels

MMCE obtained water level measurements with an electronic water level indicator by lowering the sensor probe of the indicator into the lateral vent riser until the signal sounded indicating the probe contacted the water surface. In addition, we obtained monthly water level measurements in MW3S and P2S (see Attachment I).

As shown in Attachment I, water level measurements taken on May 19, 2010 indicated that the crowns of the connection points for laterals 0 and 1 were above the water level. Based on water level measurements obtained on August 18, 2010, we determined that the crown for lateral 7 was above water. By October 13, 2010 all of the lateral crowns were above water with the exception of lateral 4 and by November 11, 2010 all of the laterals crowns were above water.

The water level measurements made on December 17, 2010 showed the crowns for laterals 0, 1 and 2 were below water while the crowns for the remaining laterals were still above water. The last water level measurements made on January 14, 2011 showed the crowns for laterals 3, 4 and 5 were still above water.

Compared to water level measurements made in 2009, the crowns for only laterals 0, 1 and 7 were above water on July 12, 2009. By November 18, 2009 the crowns for the three laterals were below water

VOC Concentrations

MMCE obtained total VOC concentration measurements from each SVE lateral using a PID and individual VOC concentrations by obtaining summa canister samples and submitting the samples to Test America, Inc. for EPA TO-14A analysis. Monthly PID measurements were made at the passive vent of each lateral using a MiniRAE 2000 with a 10.3 eV lamp.

Summa canister sampling occurred on August 23, 2010 for laterals 0, 1 and 7 and on October 13, 2010 for laterals 2, 3, 5 and 6. MMCE obtained summa canister soil vapor samples at two locations within each SVE lateral, a deep sample approximately 15.5 feet into the SVE lateral riser (see Figure 2) and a shallow sample approximately 2 to 3 feet within the riser vent (see Figure 3).

In order to obtain a deep sample, we placed a length of $^3/_8$-inch outside diameter flexible Teflon tube into a ½ - inch inside diameter (I.D.) rigid PVC approximately 15.5 feet long. The PVC pipe with the Teflon tube was lowered into the lateral riser pipe until the tip was approximately 15.5 feet into the lateral riser (see Figure 2). The Teflon tube was then connected to the sampling train as shown on Figure 4. The sampling valve to the PID unit was opened and the unit was turned on and run until a maximum VOC reading was obtained, which was typically less than two minutes.

Once a maximum VOC reading was obtained, the sample valve to PID was closed and the PID unit shut off and the summa canister sampling valve was opened (see Figure 4). The initial vacuum in the summa canister was recorded when the summa canister sampling valve on the flow controller attached to the canister was opened to begin sampling the soil vapors. The start time was also recorded. Once the vacuum in the canister reached 10 inches of mercury, the vacuum reading was recorded, the summa canister sampling valve was closed and the stop time recorded. Shallow samples were obtained in the same manner only using a Teflon tube approximately 4 feet long inside a length of ½-inch I.D. rigid PVC pipe and placing the PVC pipe and the Teflon tube approximately 3 to 5 feet into the vent riser (see Figure 3).

A summary of the EPA TO-14A 2010 analytical results of the summa canister samples is provided in Table 1 and the laboratory analytical report is included in Attachment III. The laboratory analytical report provides VOC concentrations as micrograms per cubic meter (ug/m^3) which have been converted to part per billion as volume (ppbv) in Table 1 by multiplying the ug/m^3 value by 24.45 (molar gas constant 0.080258 x temperature 298 ^{0}K at 1 atmosphere) divided by the molecular weight of the VOC in grams per mole.

VOC Concentration in the Influent to the Groundwater Treatment System

In order to determine if converting the SVE system to passive venting has an impact on VOC concentrations in the influent to the groundwater treatment system, we reviewed the monthly o-chlorotoluene analytical results for influent samples obtained by AECOM in 2010 and plotted the results as shown on Figure 1. The trend line (i.e., poly o-chlorotoluene concentration) and last 11 data points, representing monthly o-chlorotoluene analytical results for February 2010 through December 2010, plotted on Figure 1 show the o-chlorotoluene concentrations in a general asymptotic trend. This indicates that the passive venting of the SVE system laterals had no significant impact on the o-chlorotoluene concentrations observed in the influent water to the groundwater treatment system.

Conclusions and Recommendation

We make the following conclusions based on the data collected from the passive SVE system in 2010:

- Water levels in the SVE laterals – The water levels in the passive SVE collection laterals were generally lower than water levels measured in 2009 when the SVE system was in active operation. The lower water levels allow more VOCs to diffuse through less saturated soils to the SVE laterals. Elimination of the vacuum on the SVE laterals through passive venting may have contributed to lower water levels over the time period we monitored the SVE laterals.

- Function of the passive SVE system - Based on the results of the 2010 PID measurements and summa canister sample analytical results, the passive SVE laterals are effective at venting soil vapors containing VOCs. The fact that the 2010 water levels in the SVE laterals in general were lower than water levels measured in previous years for a longer period of time means more laterals were able to vent soil vapors from deeper unsaturated soils for a longer period of time and that passive venting of SVE system laterals will be at least, if not more, effective than active operation of the SVE system.

- VOC concentrations in the SVE lateral soil gas - Summa canister sample analytical results from the passive SVE laterals in general show VOC concentrations in the soil gas that are less than the 1997 (see Table 1) soil vapor extraction well demonstration (see Figure 5 for the location of SVEW 1 and 2). The 2010 summa canister sample results for laterals 0 and 1 show VOC concentrations that are higher than 2009 sample results (see Table 1). However, 2010 summa canister sample results for lateral 7 show VOC concentrations that are less than the 2009 sample results. It is likely that the increased VOC concentrations in laterals 0 and 1 are the result of more effective soil venting due to the lower water level.

- Effects on VOC concentrations in the influent to the groundwater treatment system - Figure 1 shows a plot of o-chlorotoluene concentrations in the influent to the groundwater treatment system. Included on the Figure 1 are the historical concentrations of o-chlorotoluene measured in the influent and a trend line, which shows o-chlorotoluene concentrations decreasing and generally following an asymptotic trend. The last eleven data points on the plot represent o-chlorotoluene concentrations from February 2010 through December 2010 when the SVE system was in passive operation. The data show that passive venting of the SVE system laterals had no significant impact on the o-chlorotoluene concentrations observed in the influent water to the groundwater treatment system.

Because passive venting of the SVE system laterals will be at least, if not more, effective than active operation of the SVE system and because passive venting did not significantly impact the o-chlorotoluene concentrations in the influent water to the groundwater treatment system, we recommend that active operation of the SVE system

permanently cease and that passive venting of the SVE system laterals continue in the future. We also believe that continued monitoring of the SVE system laterals is not necessary and recommend that monitoring the laterals for water levels and VOC emissions be eliminated. Operation of the groundwater extraction and treatment system will continue to be reported via the submittal of quarterly Operation, Maintenance and Monitoring Reports and the annual Periodic Review 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 – 2010/2009 SVE Lateral Soil Vapor VOC Concentrations
Figure 1 – o-Chlorotoluene Influent Concentrations
Figure 2 – Deep Soil Vapor Sampling
Figure 3 – Shallow Soil Vapor Sampling
Figure 4 – Soil Vapor Sampling Train
Figure 5 – Site Plan
Attachment I – Monthly Field Visits with Water Levels and VOC Measurements In each Lateral Pipe
Attachment II – Conversion of Soil Vapor Extraction system to Passive Venting
Attachment III – Summa Canister Sample Analytical Results

TABLES

Table 1 – 2010/2009 SVE Lateral and 1997 SVEW
Soil Vapor VOC Concentrations

Table 1
2010/2009 SVE Laterals and 1997 SVEW Soil Vapor Summa Canister Sample Results

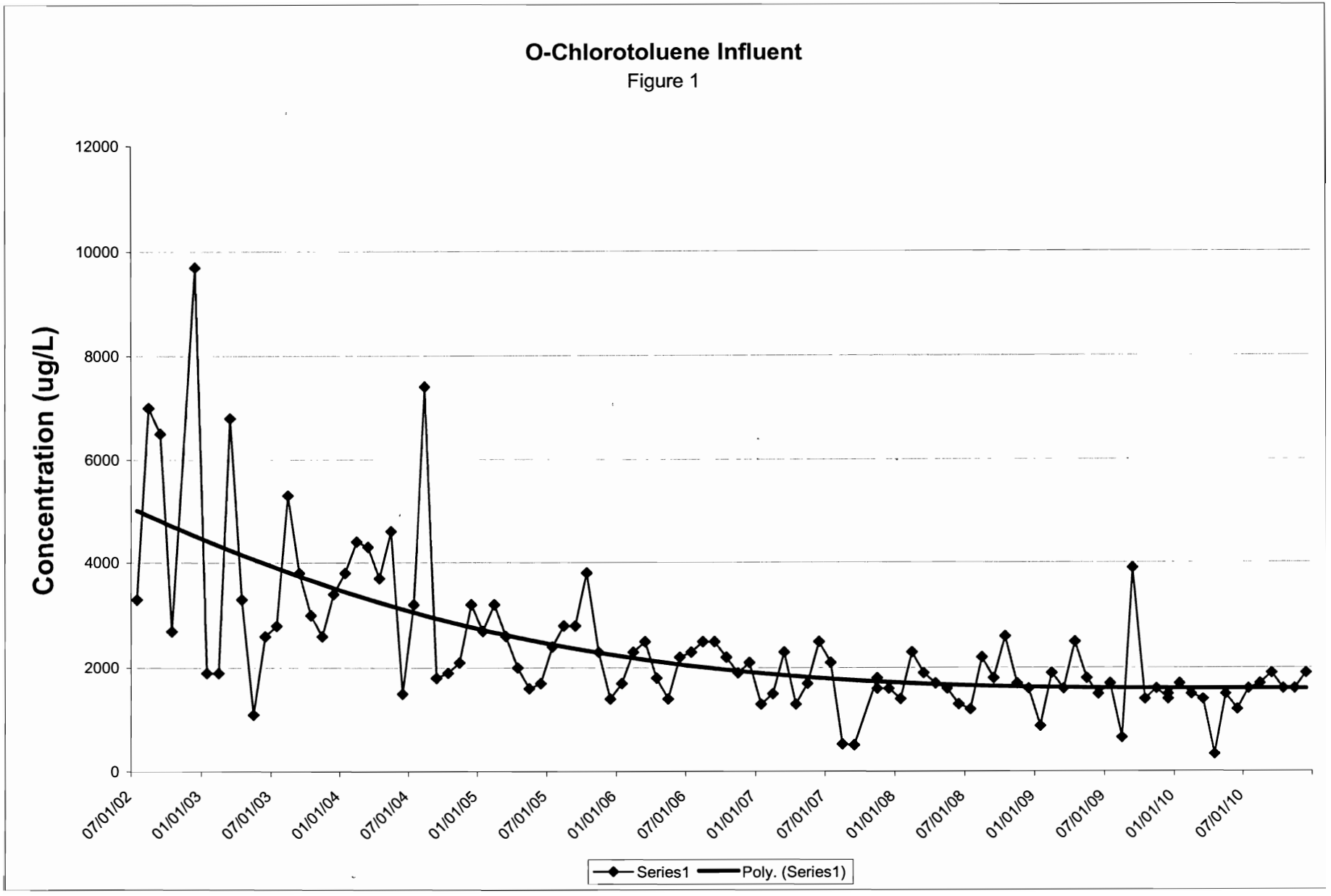
	2010 Data														2009 Data				1997 Data			
																			SVEW -1 (see Note 2)			SVEW-2
Compound[1]	8/23/2010 ppbv - Lateral #0 Deep	8/23/2010 ppbv - Lateral #0 Shallow	8/23/2010 ppbv - Lateral #1 Deep	8/23/2010 ppbv - Lateral #1 Shallow	10/13/2010 ppbv - Lateral #2 Deep	10/13/2010 ppbv - Lateral #2 Shallow	10/13/2010 ppbv - Lateral #3 Deep	10/13/2010 ppbv - Lateral #3 Shallow	10/13/2010 ppbv - Lateral #5 Deep	10/13/2010 ppbv - Lateral #5 Shallow	10/13/2010 ppbv - Lateral #6 Deep	10/13/2010 ppbv - Lateral #6 Shallow	8/23/2010 ppbv - Lateral #7 Deep	8/23/2010 ppbv - Lateral #7 Shallow	6/2/2009 ppbv - Lateral #1	7/30/2009 ppbv - Lateral #0	7/30/2009 ppbv - Lateral #1	7/30/2009 ppbv - Lateral #7	8/14/1997 SVE-12	8/14/1997 SVE-4	8/14/1997 SVE-5	8/14/1997 SVE-2
Acetone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Acrolien	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Acrylonitrile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Benzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Benzyl Chloride	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bromodichloromethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bromoform	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bromomethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Carbon disulfide	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Carbon tetrachloride	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Chlorobenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Dibromochloromethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Chloroethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2 Chloroethyl vinyl ether	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Chloroform	0	0	**160**	**19**	**143**	**7.8**	**1,925**	0	**55**	**1.5**	0	0	**12**	0	0	0	0	0				
Chloromethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**18**	**628**				
o-Chlorotoluene	0	0	0	0	0	0	0	0	**137**	**6.6**	**483**	**145**	0	0	0	0	0	0				
1,2 Dichlorobenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1,4 Dichlorobenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Dichlorodifluoromethane	0	0	0	0	0	0	0	0	0	**0.7**	0	0	0	0	0	0	0	0				
1,1 Dichloroethane	**618**	**30**	**2,965**	**395**	**469**	**27**	**6,176**	**988**	**5.4**	0	0	0	**24**	0	**8**	0	3	0				
1,2 Dichloroethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1,1 Dichloroethene	**8.6**	0	**908**	**116**	**149**	**9.3**	0	0	0	0	**12**	0	**6.3**	0	0	0	0	0				
cis 1,2 Dichloroethene	0	0	**1,463**	**171**	**126**	6	**15,888**	**2,774**	**35**	**2.2**	**18**	2	**353**	**5.0**	0	0	**4**	**136**				
trans-1,2 Dichloroethene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1,2 Dichloropropane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
cis-1,3 Dichloropropene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
trans-1,3 Dichloropropene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1,2 Dichloro-1,1,2,2 tetrafluoroethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Ethylbenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Trichlorofluoromethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Hexachlorobutadiene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2 Hexanone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Methylene chloride	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Styrene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1,1,2,2 Tetrachloroethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Tetrachloroethene	**16**	**2.2**	**177**	**25**	**18**	**1.6**	**1,268**	0	0	**0.7**	**60**	**5.6**	**265**	**13**	**2**	0	**74**	**2,319**	**45,000**	**65,000**	**64,000**	
Toluene	0	0.0	0	0	0	0	0	0	0	**0.8**	0	0	0	0	0	0	0	0				
1,2,4 Trichlorobenzene	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1,1,1 Trichloroethane	**130**	**5.9**	**3,848**	**513**	**1,576**	**101**	**13,744**	**2,199**	**15**	**0.9**	**11**	0	0	0	**17**	0	**3**	0				
1,1,2 Trichloroethane	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Trichloroethene	**63**	**5.0**	**5,768**	**707**	**837**	**52**	**113,505**	**20,468**	**186**	**28**	**61**	**12**	**261**	**12**	**7**	0	**33**	**677**	**3,000**	**4,700**	**4,400**	**660,000**
1,1,2 Trichloro-1,2,2 trifluoroethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1,2,4 Trimethylbenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1,3,5 Trimethylbenzene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Vinyl acetate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Vinyl chloride	0	0	**43**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
m&p Xylenes	0	**2.5**	0	0	0	0	0	0	0	0	**2.3**	0	0	0	0	0	0	0				
o-Xylene	0	0	0	0	0	0	0	0	0	0	**4.1**	0	0	0	0	0	0	0				
1,2 Dibromomethane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2- Butanone (MEK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
4 Methyl-2 pentanone (MIBK)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
4- Ethyltoluene	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	836	**45**	**15,332**	**1,947**	**3,319**	**205**	**152,506**	**26,429**	**435**	**41**	**651**	**165**	**921**	**30**	**35**	**0**	**136**	**3,761**	**48,000**	**69,700**	**68,400**	**660,000**

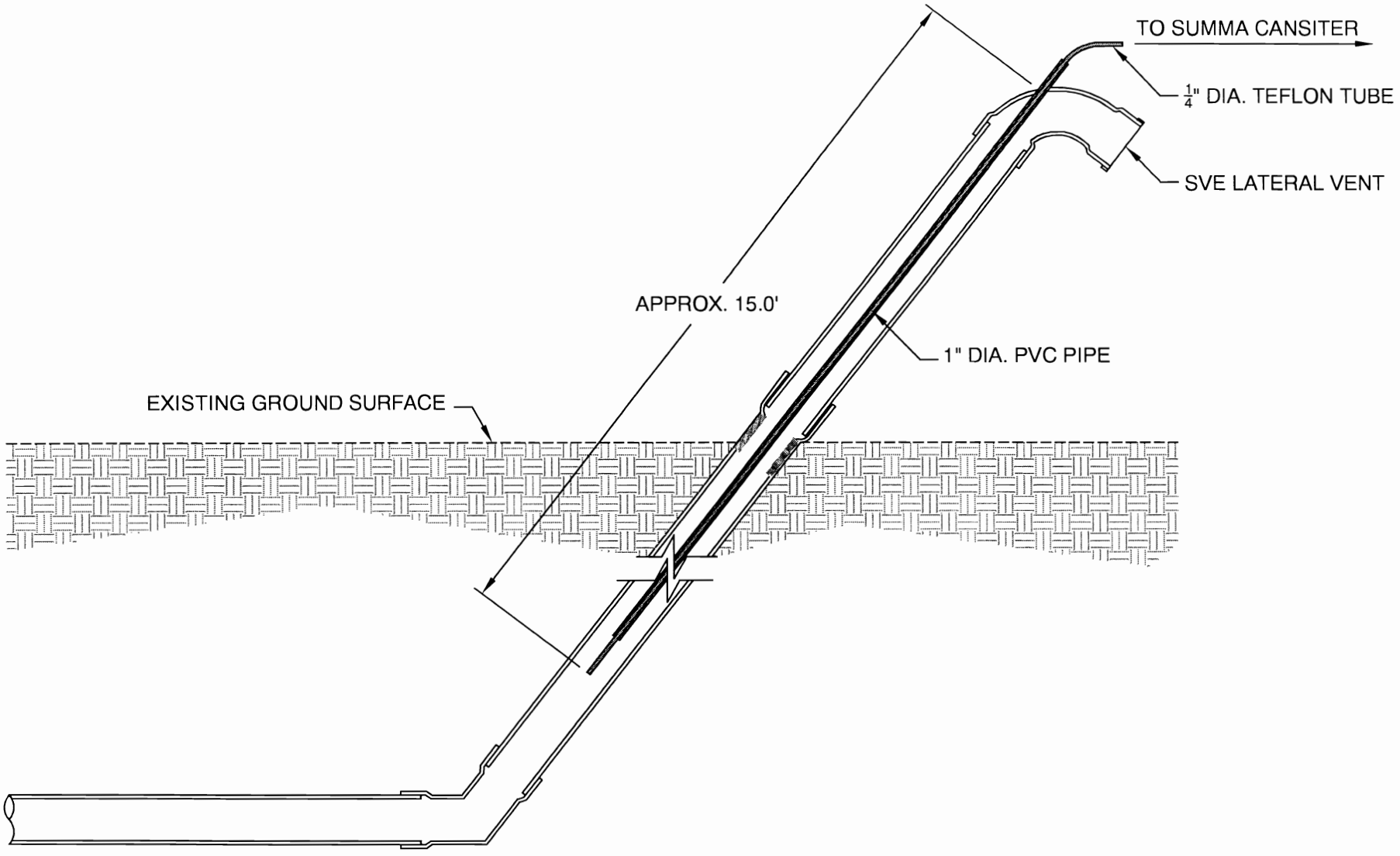
1. Bolded compounds were detected above the laboratory reporting limit.
2. MMCE installed 2 soil vapor pumping wells SVEW-1 and SVEW-2 that were used to determine amount of VOCs in the soil vapor and whether or not VOCs could be removed by applying a vacuum to the soil., SVE-1, SVE-4 and SVE-5 were collected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

FIGURES

O-Chlorotoluene Influent

Figure 1





DEEP SOIL VAPOR SAMPLING

DWG. NO. 94022-046b

FIGURE 2

CHEM-TROL

BLASDELL NEW YORK

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2495 MAIN STREET, SUITE 432
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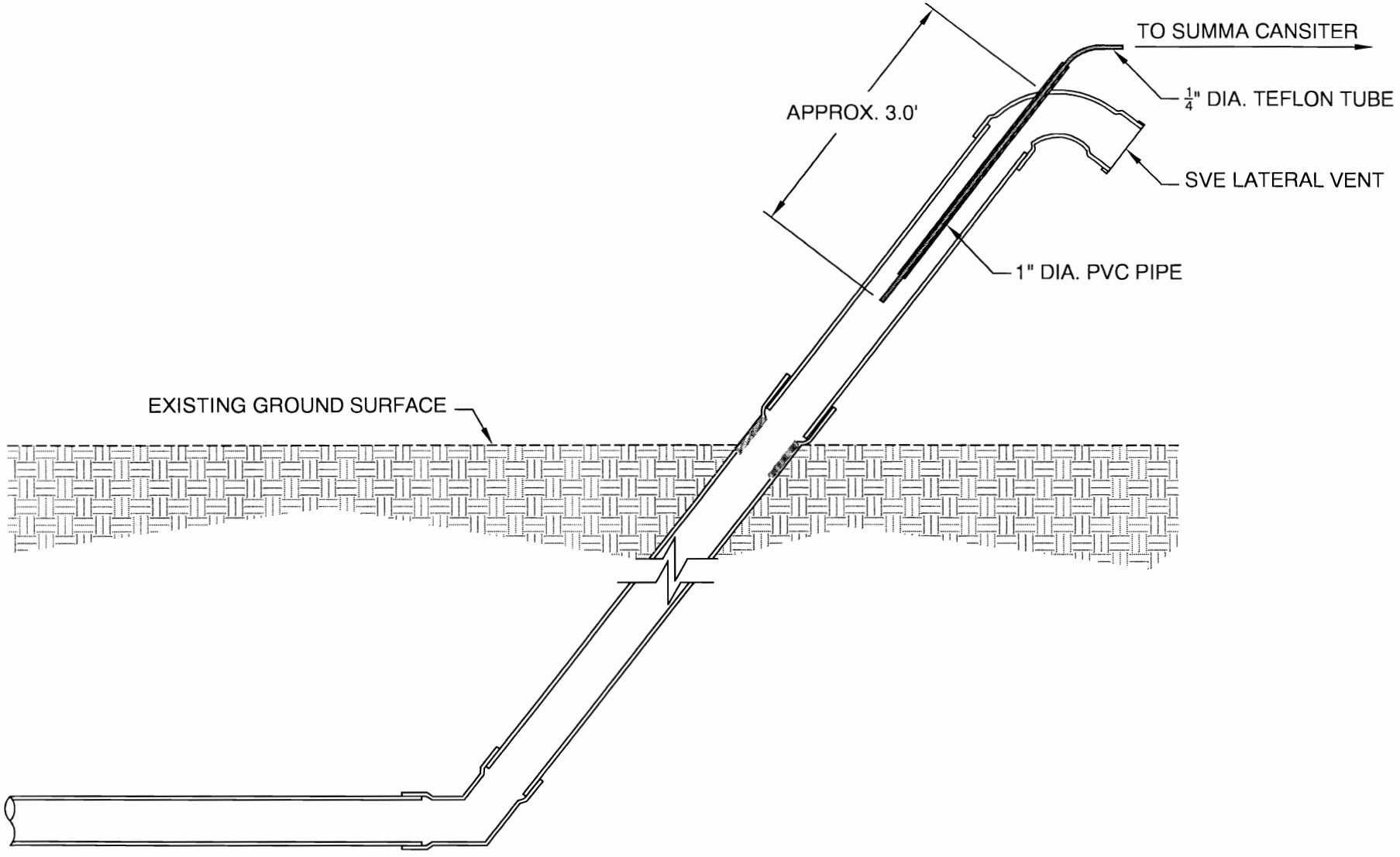
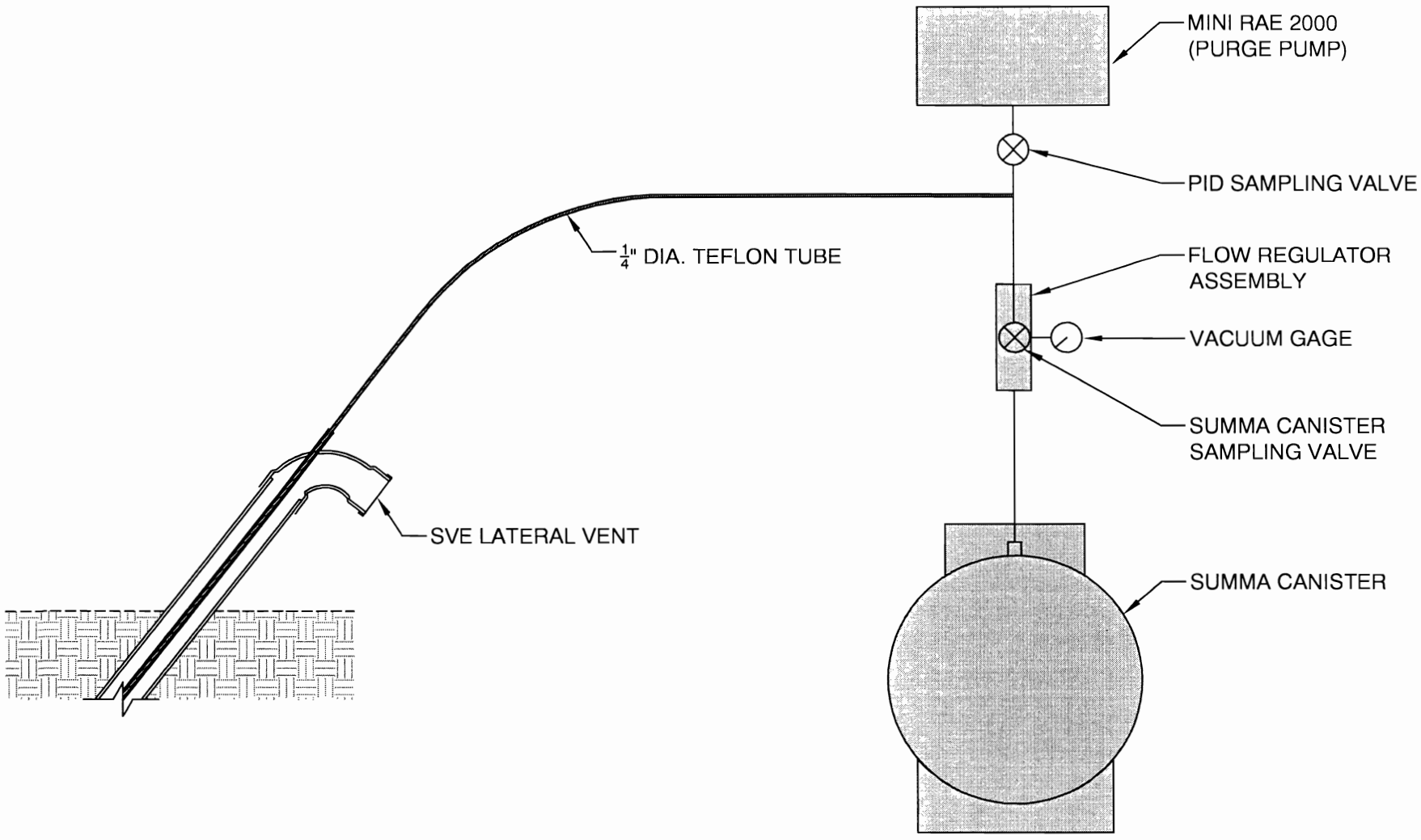
FAX: (716) 834-8934

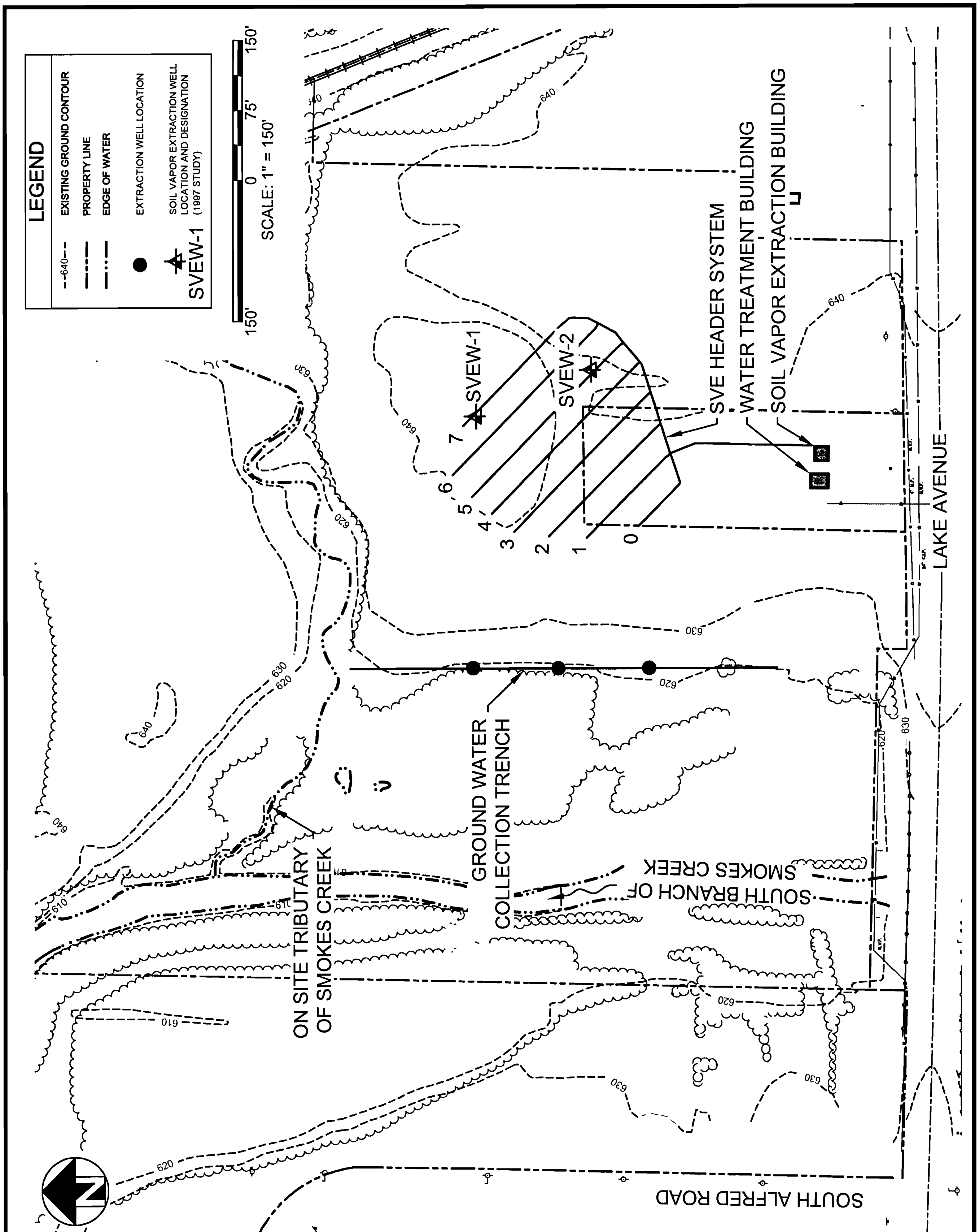
SCALE: N.T.S.



SHALLOW SOIL VAPOR SAMPLING	CHEM-TROL	McMahon & Mann Consulting Engineers, P.C.
DWG. NO. 94022-046a	BLASDELL NEW YORK	2495 MAIN STREET, SUITE 432 BUFFALO, NY 14214 (716) 834-8932 FAX: (716) 834-8934
FIGURE 3		SCALE: N.T.S.



SOIL VAPOR SAMPLING TRAIN	CHEM-TROL	McMahon & Mann Consulting Engineers, P.C.
DWG. NO. 94022-046c	BLASDELL NEW YORK	2495 MAIN STREET, SUITE 432 BUFFALO, NY 14214 (716) 834-8932 FAX: (716) 834-8934
FIGURE 4		SCALE: N.T.S.



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CHEM-TROL

ERIE COUNTY NEW YORK

SITE PLAN

DWG. NO. 94022-047

FIGURE 5

ATTACHMENT I

Monthly Field Visit with Lateral Water Levels and VOC Measurements

Chem-Trol

Blasdell, New York
File: 94-022

Date: January 15, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site to initiate the conversion of the SVE system from active to passive venting. The work is proceeding in accordance with the NYSDEC approved SVE System Evaluation Work Plan, dated January 14, 2010.

MMCE turned off the SVE system blower and closed all valves associated with the lateral pipe system.

PVC pipe extensions were placed on laterals 0 through 4 and capped with 90° elbows to allow passive venting to the atmosphere. The remaining laterals will be completed as soon as back ordered parts are available.

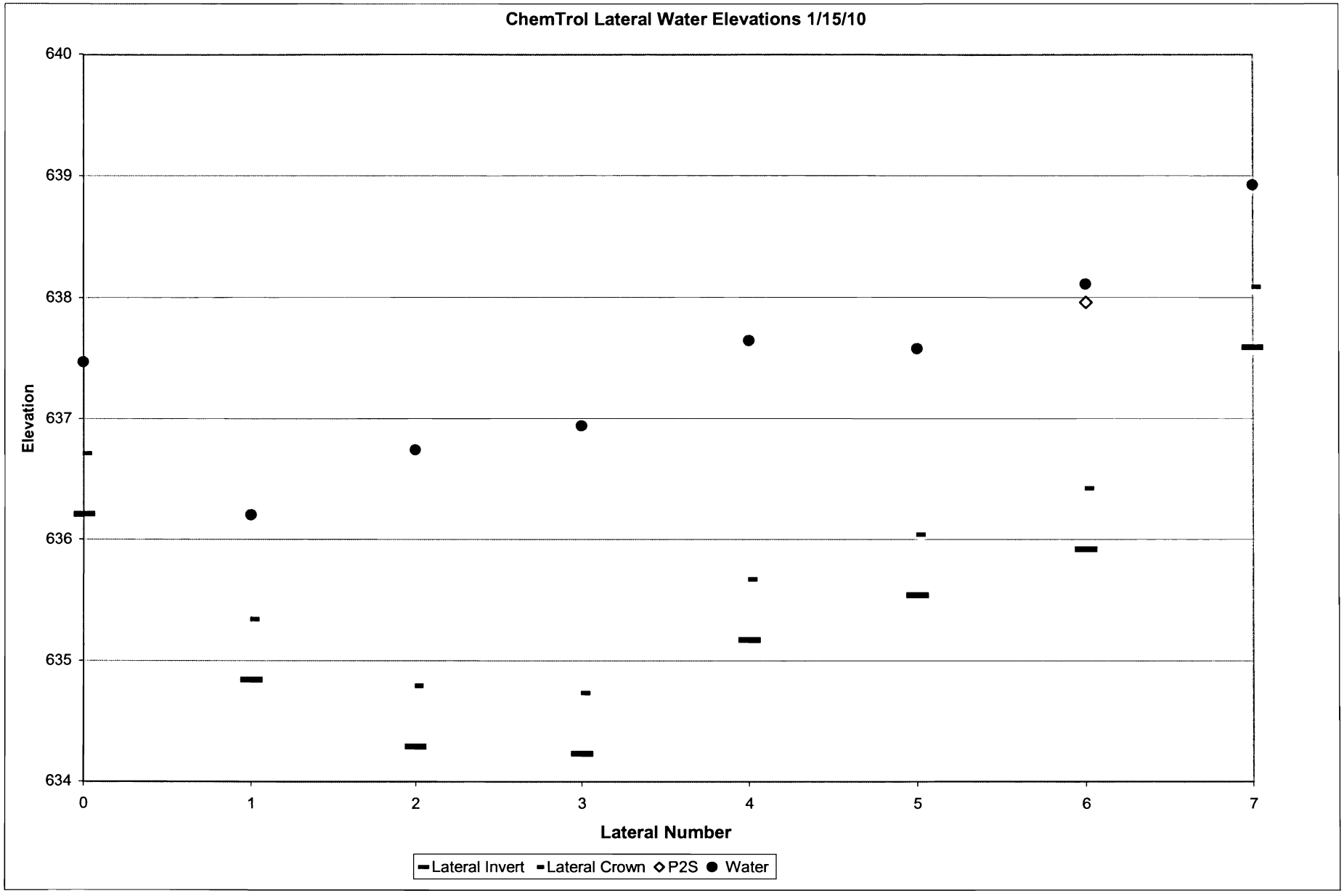
Water levels in each lateral and two adjacent monitoring wells were measured and are summarized below:

Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	637.5	0.8
1	636.2	0.9
2	636.7	2
3	636.9	2.2
4	637.6	2
5	637.6	1.5
6	638.1	1.7
7	638.9	0.8
P2S	638.0	

Note: see attached chart

Comments:

Each SVE lateral remains submerged. PID readings for VOCs were obtained in each of the lateral vents with no detects observed.


ChemTrol Lateral Water Elevations 1/15/10
640
639
638
637
636
635
634
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: January 21, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site to complete the installation of passive vents on SVE laterals 5, 6 and 7. These laterals were not vented on January 15 due to back ordered parts.

Each SVE lateral is now venting passively in accordance with the approved work plan.

MMCE will visit the site each month to monitor water levels in each lateral pipe and monitoring wells P2s and MW-3S. A PID will be used to measure passive venting of VOCs in each lateral vent as water levels vary. A round of summa canister samples will be collected for TO-14a analysis once water levels drop below the crown elevation of each lateral.

Chem-Trol

Blasdell, New York
File: 94-022

Date: February 3, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations, and total VOC emissions from each lateral vent.

Water levels in each lateral and two adjacent monitoring wells are summarized below:

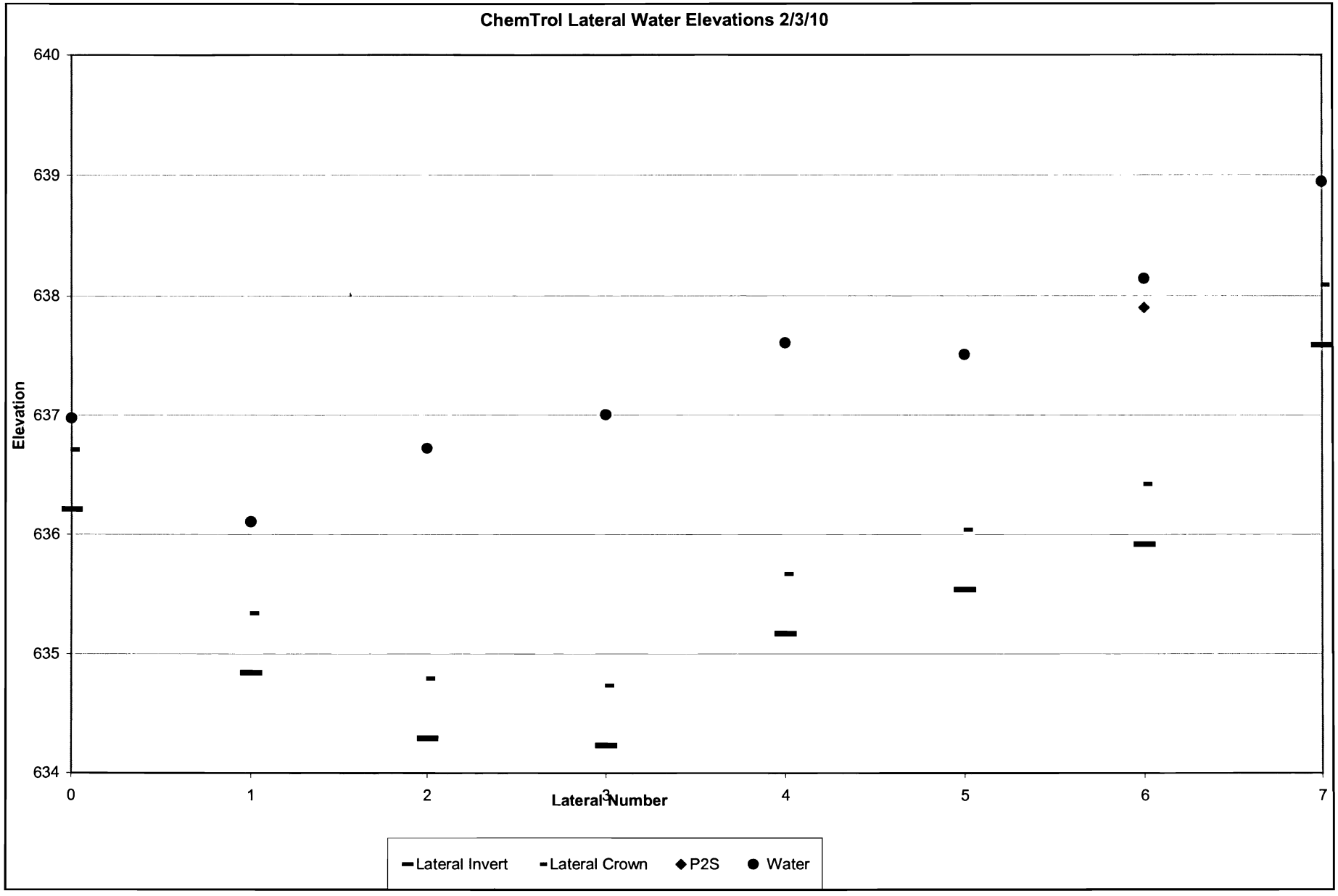
Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	637.0	0.3
1	6361	0.8
2	636.7	1.9
3	637.0	2.3
4	637.6	1.9
5	637.5	1.5
6	638.1	1.7
7	638.9	0.9
P2S	637.9	
MW-3S	620.4	

Note: see attached chart

Comments:

Each SVE lateral remains submerged.

PID readings for VOCs were obtained in each of the lateral vents with no detects observed.


ChemTrol Lateral Water Elevations 2/3/10
640
639
638
637
636
635
634
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: March 11, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations, and total VOC emissions from each lateral vent.

Water levels in each lateral and two adjacent monitoring wells are summarized below:

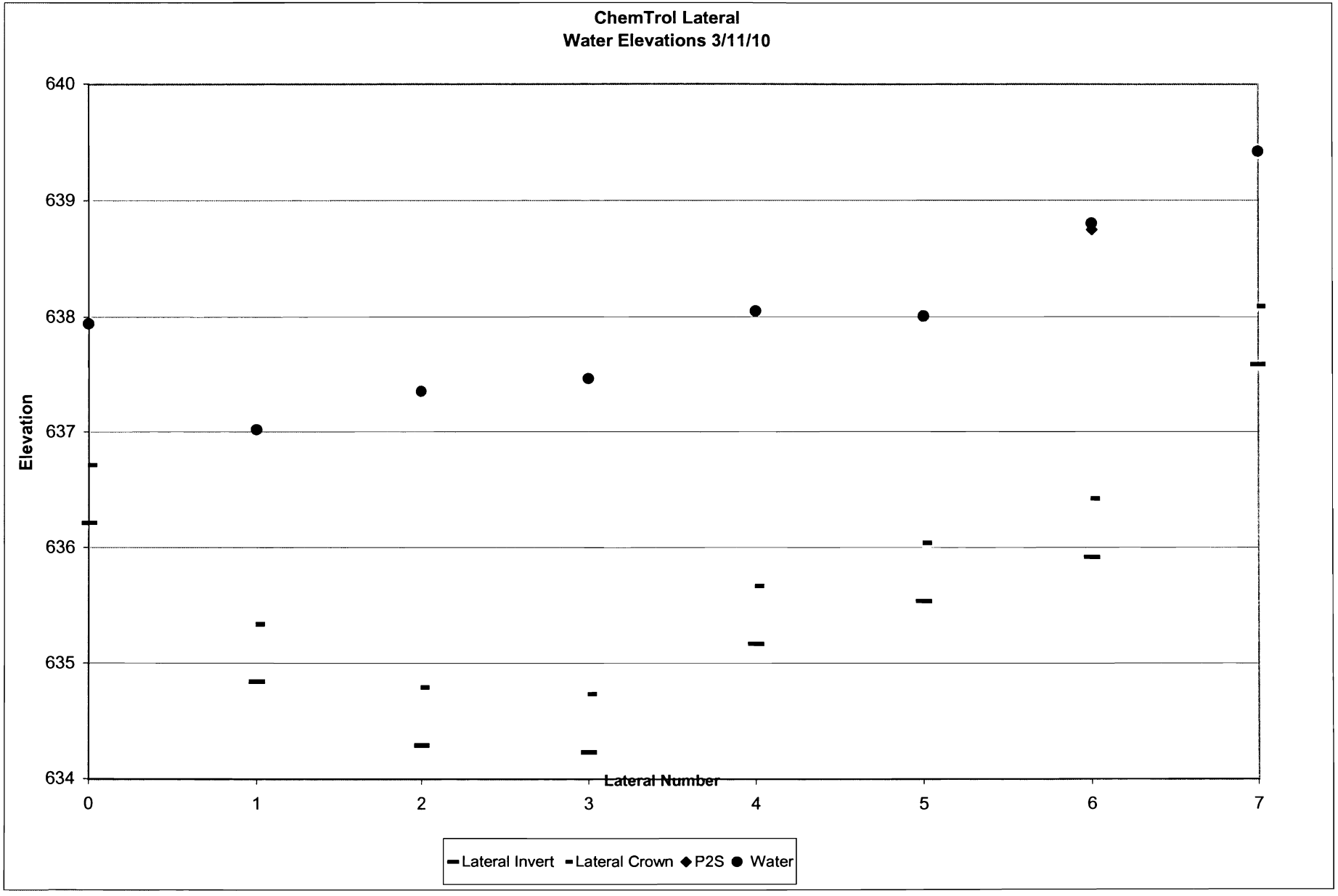
Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	637.9	1.2
1	637.0	1.7
2	637.4	2.6
3	637.5	2.7
4	638.0	2.4
5	638.0	2.0
6	638.8	2.4
7	639.4	1.3
P2S	638.8	
MW-3S	621.2	

Note: see attached chart

Comments:

Each SVE lateral remains submerged.

PID readings for VOCs were obtained in each of the lateral vents with no detects observed.


ChemTrol Lateral
Water Elevations 3/11/10
640
639
638
637
636
635
634
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: March 16, 2010

Chem-Trol Site Visit:

MMCE arrived on site today to measure quarterly water levels across the site.

Observed water levels are summarized in the table below:

	1Q
Well	3/16/10
OW-1FR	610.2
P97-5	609.9
MW-10S	610.7
MW-10R	610.2
P97-4	610.1
MW-13R	609.9
MW-8S	611.3
MW-8S	610.4
P97-3	610.3
MW-9RD	612.2
MW-9R	610.5
MW-9S	612.1
P97-2	613.4
P97-1	613.6
MW-12R	614.3
MW-12S	618.1
MW-14R	613.3
OW-2FR	610.5
MW-4S	624.2
MW-4R	610.0
P2S	621.9
MW-3S	621.0
P3R	619.5
P3S	620.7
OW-3R	615.5
P5S	628.9
P5R	618.8
MW-5S	625.9
P2R	640.5
P2S	638.6
MW-2S	639.1
MW-6S	632.0
MW-6R	621.5
P1S	638.2
MW-1R	639.2
MW-1S	640.8
MW-7S	639.4
MW-7R	638.1

Chem-Trol

Blasdell, New York
File: 94-022

Date: April 20, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations and total VOC emissions from each lateral vent.

Water levels in each lateral and two adjacent monitoring wells were measured and are summarized below:

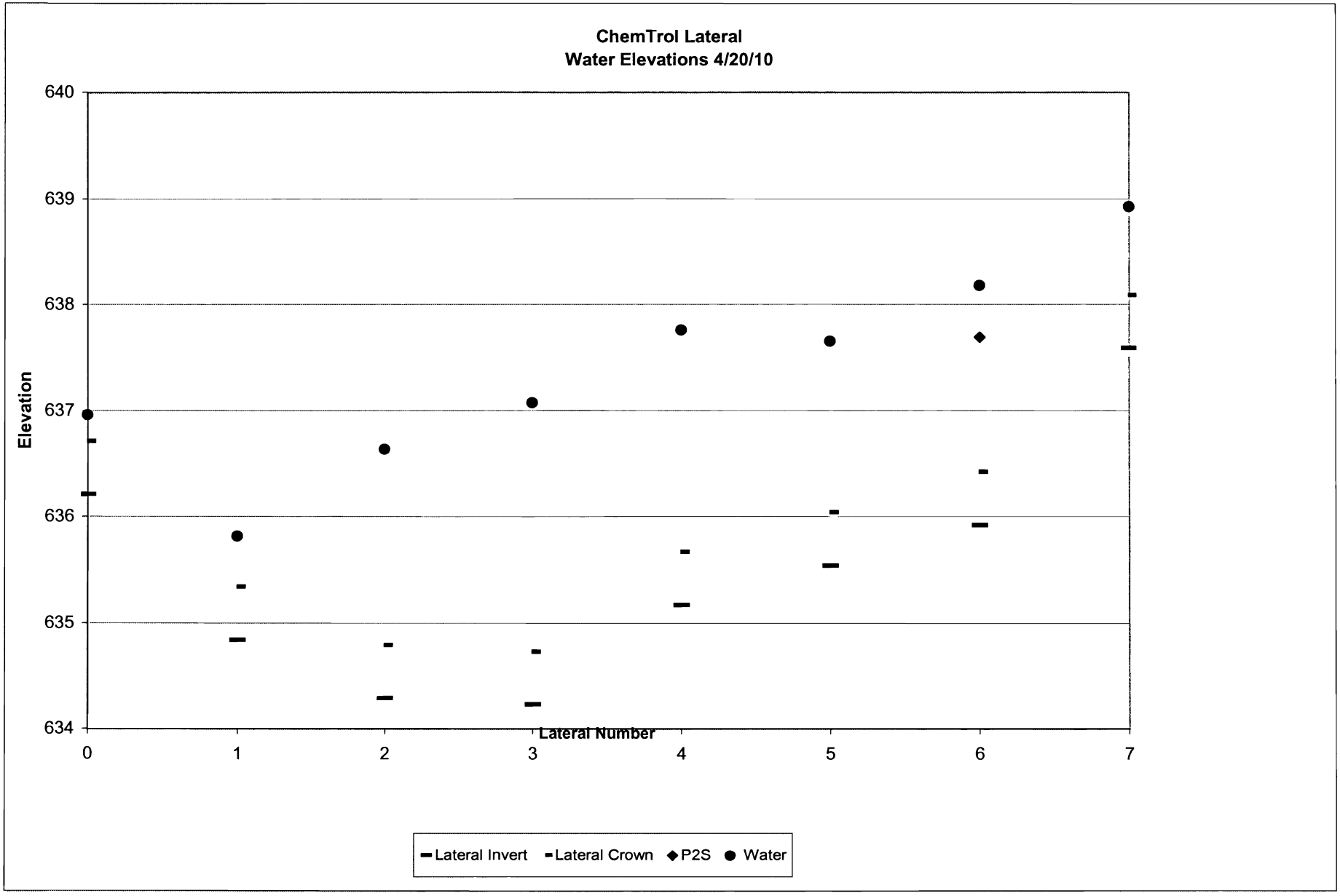
Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	637.0	0.3
1	635.8	0.5
2	636.6	1.8
3	637.1	2.3
4	637.8	2.1
5	637.7	1.6
6	638.2	1.8
7	638.9	0.8
P2S	637.7	
MW-3S	620.2	

Note: see attached chart

Comments:

Each SVE lateral remains submerged.

PID readings for VOCs were obtained from each lateral vent with no detects observed.


ChemTrol Lateral
Water Elevations 4/20/10
640
639
638
637
636
635
634
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: May 19, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations and total VOC emissions from each lateral vent.

Water levels in each lateral and two adjacent monitoring wells are summarized below:

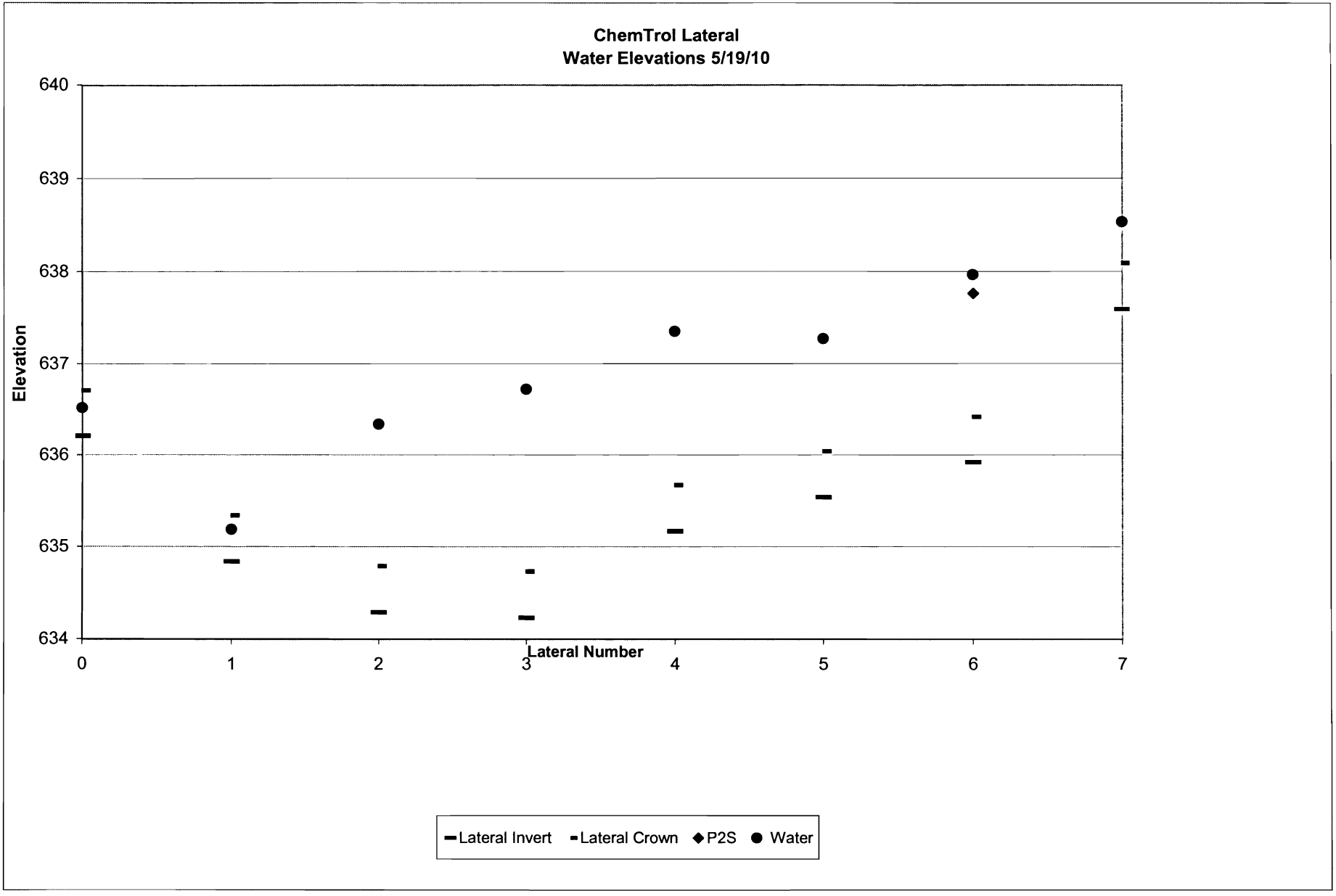
Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	636.5	Clear
1	635.2	Clear
2	636.3	1.6
3	636.7	2.0
4	637.3	1.7
5	637.3	1.2
6	638.0	1.5
7	638.5	0.4
P2S	637.8	
MW-3S	620.2	

Note: see attached chart

Comments:

Water levels in laterals 0 and 1 have dropped so that the crowns of both laterals are no longer submerged.

PID readings for VOCs were obtained from each lateral vent with no detects observed.


ChemTrol Lateral
Water Elevations 5/19/10
640
639
638
637
636
635
634
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: June 15, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations and total VOC emissions from each lateral vent.

Water levels in each lateral and two adjacent monitoring wells are summarized below:

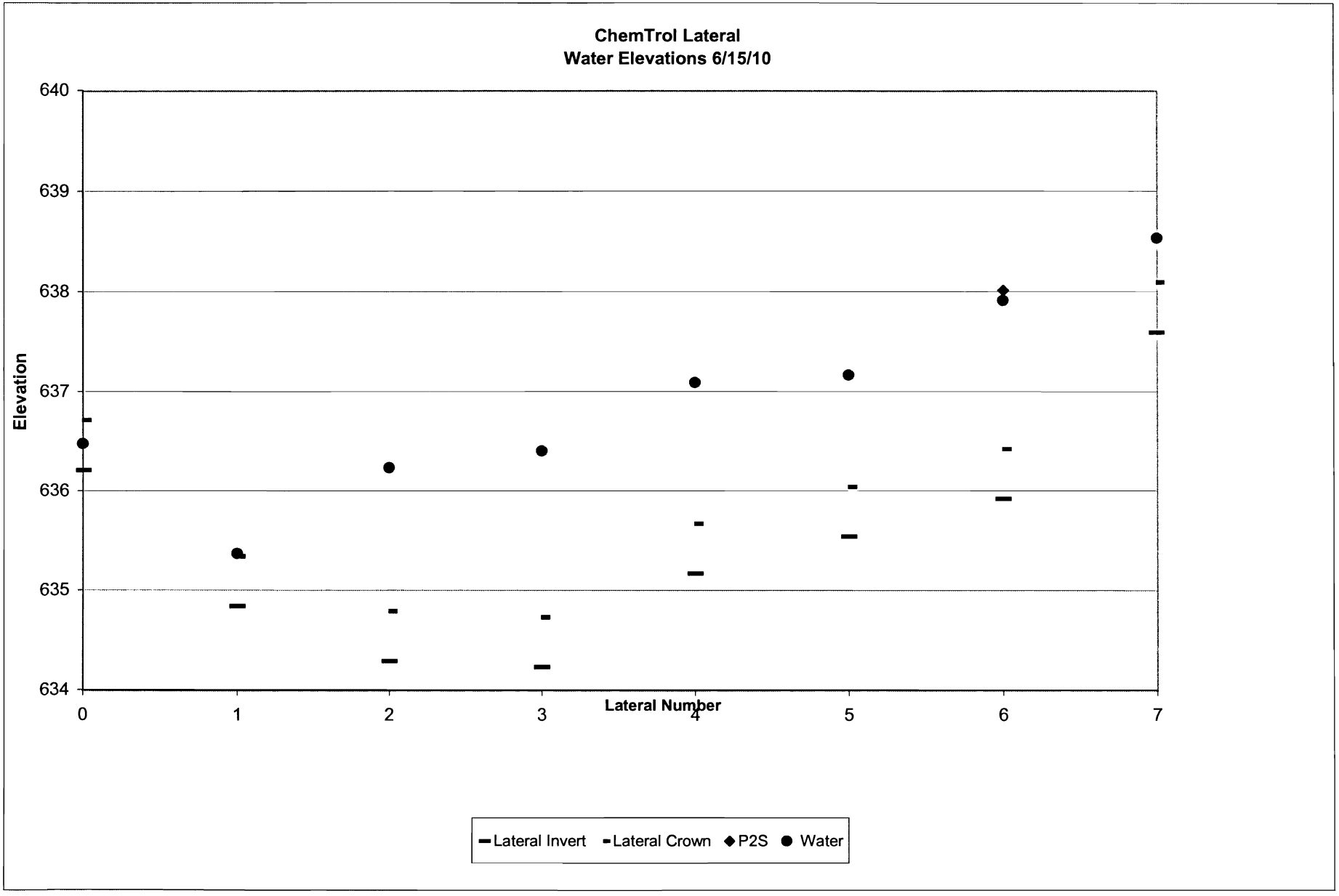
Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	636.5	Clear
1	635.2	0
2	636.3	1.4
3	636.7	1.7
4	637.3	1.4
5	637.3	1.1
6	638.0	1.5
7	638.5	0.4
P2S	638.0	
MW-3S	620.2	

Note: see attached chart

Comments:

Water level in lateral 0 has dropped so that the crown is no longer submerged. Water level in lateral 1 measured at the crown of the pipe.

PID readings for VOCs were obtained from each lateral vent with no detects observed.


ChemTrol Lateral
Water Elevations 6/15/10
640
639
638
637
636
635
634
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: June 25, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE on site today to measure water levels in each of the laterals and in monitoring wells P2s and MW-3S.

Water levels in each lateral and two adjacent monitoring wells are summarized below:

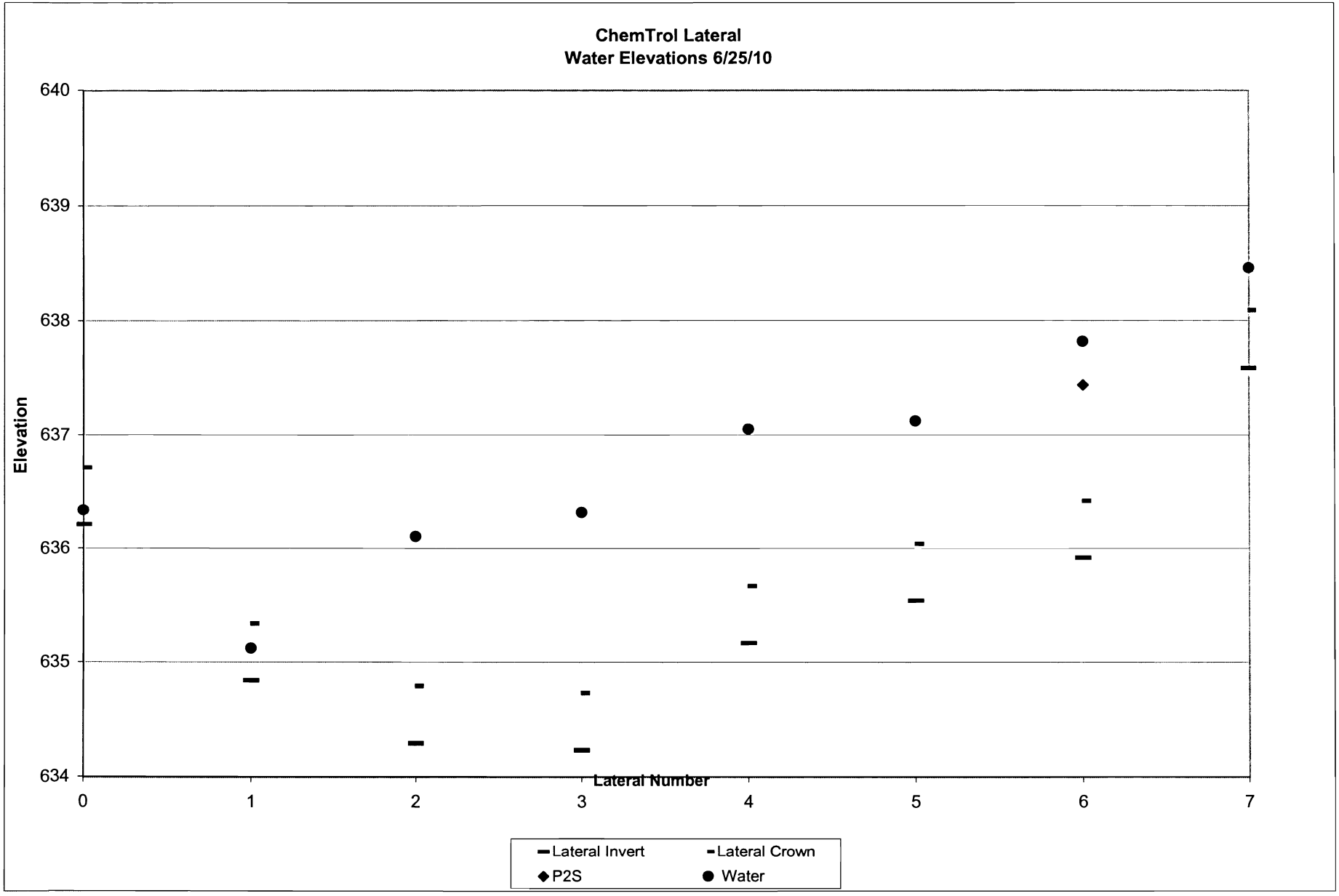
Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	636.3	Clear
1	635.1	Clear
2	636.1	1.3
3	636.3	1.6
4	637.1	1.4
5	637.1	1.1
6	637.8	1.4
7	638.5	0.4
P2S	637.4	
MW-3S	620.0	

Note: see attached chart

Comments:

Water levels in laterals 0 and 1 have dropped so that the crown is no longer submerged.

PID readings for VOCs were not obtained today, see June 15, 2010, for this months observations.


ChemTrol Lateral
Water Elevations 6/25/10
640
639
638
637
636
635
634
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: June 30, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations and measure quarterly ground water elevations across the site.

Water levels in each lateral and two adjacent monitoring wells are summarized below:

Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	636.0	Clear
1	635.0	Clear
2	636.1	1.3
3	636.3	1.5
4	637.0	1.4
5	637.1	1.1
6	637.8	1.4
7	638.5	0.4
P2S	637.2	
MW-3S	619.9	

Note: see attached chart

Comments:

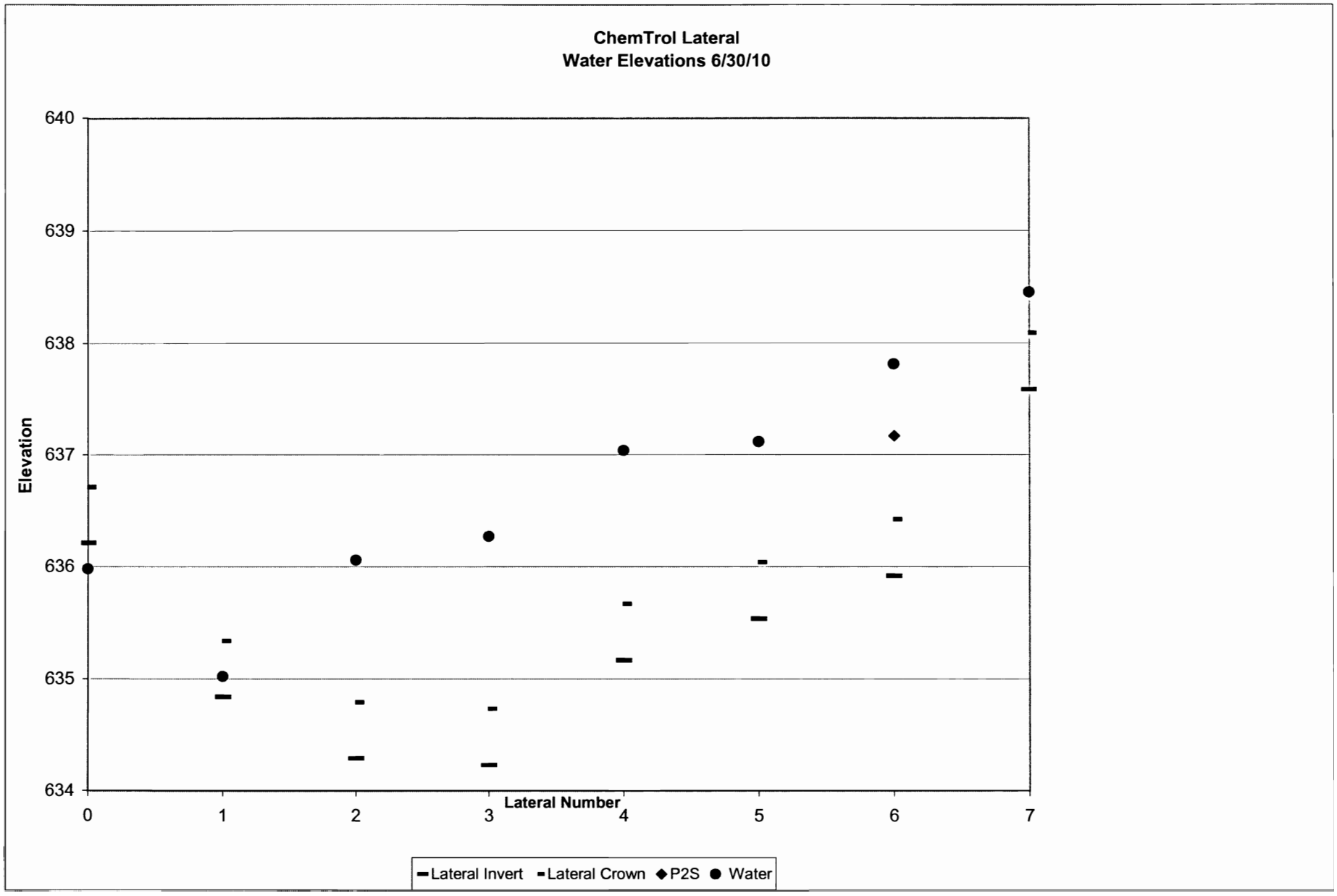
Water level in laterals 0 and 1 have dropped so that the crowns are no longer submerged.

PID measurements were not obtained today, see June 15, 2010, for this months observations.

MMCE measured Second Quarter water levels across the site today.
Observed water levels are summarized in the attached table.

Observed water levels are summarized in the table below:

	1Q	2Q
Well	3/16/10	6/30/10
OW-1FR	610.2	606.7
P97-5	609.9	606.7
MW-10S	610.7	609.3
MW-10R	610.2	606.9
P97-4	610.1	606.6
MW-13R	609.9	606.7
MW-8S	611.3	610.4
MW-8S	610.4	607.0
P97-3	610.3	606.6
MW-9RD	612.2	612.2
MW-9R	610.5	606.6
MW-9S	612.1	609.7
P97-2	613.4	609.6
P97-1	613.6	611.5
MW-12R	614.3	610.5
MW-12S	618.1	613.9
MW-14R	613.3	601.8
OW-2FR	610.5	606.7
MW-4S	624.2	622.7
MW-4R	610.0	606.4
P2S	621.9	620.7
MW-3S	621.0	619.9
P3R	619.5	609.5
P3S	620.7	620.1
OW-3R	615.5	614.5
P5S	628.9	628.5
P5R	618.8	617.1
MW-5S	625.9	623.8
P2R	640.5	635.7
P2S	638.6	637.2
MW-2S	639.1	637.7
MW-6S	632.0	628.9
MW-6R	621.5	620.0
P1S	638.2	637.8
MW-1R	639.2	637.3
MW-1S	640.8	639.0
MW-7S	639.4	636.7
MW-7R	638.1	636.6


ChemTrol Lateral
Water Elevations 6/30/10
Elevation
640
639
638
637
636
635
634
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: July 21, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations and total VOC emissions from each lateral vent.

Water levels in each lateral and two adjacent monitoring wells are summarized below:

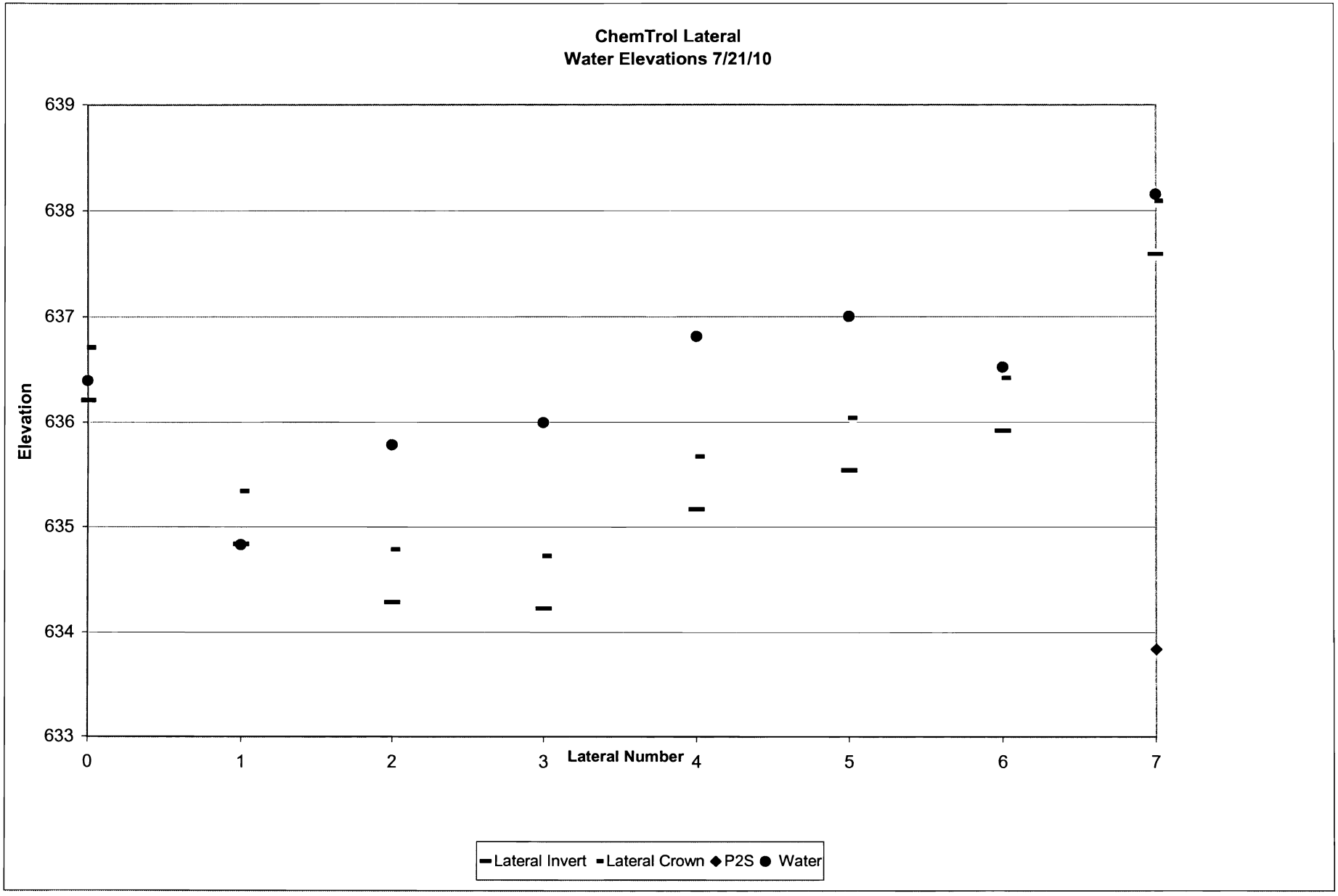
Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	636.4	Clear
1	634.8	Clear
2	635.8	1.0
3	636.0	1.3
4	636.8	1.1
5	637.0	1.0
6	636.5	0.1
7	638.2	0.1
P2S	635.0	
MW-3S	619.5	

Note: see attached chart

Comments:

Water level in laterals continues to drop with two laterals above water and two more laterals only submerged by 0.1 ft. It seems likely that at least four of the laterals will soon be above water. Arrangements will be made to obtain summa canister samples when the laterals are no longer submerged.

PID measurements for VOCs were obtained from each vent with no detects observed.


ChemTrol Lateral
Water Elevations 7/21/10
639
638
637
636
635
634
633
Elevation
0
1
2
3
Lateral Number
4
5
6
7
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: August 18, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations and total VOC emissions from each lateral vent. MMCE arrived prepared to collect summa canister samples if favorable conditions were encountered.

MMCE also measured quarterly ground water elevations across the site and the results are summarized in the attached table.

Water levels in each lateral and two adjacent monitoring wells are summarized below:

Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	636.4	Clear
1	634.9	Clear
2	635.4	0.5
3	635.4	0.7
4	636.5	0.8
5	636.6	0.6
6	637.1	0.7
7	637.9	Clear
P2S	633.8	
MW-3S	619.2	

Note: see attached chart

Comments:

Water levels in lateral 0, 1 and 7 have dropped so that the crowns are above water. The remainder of the laterals are also approaching breaking above the water surface.

PID measurements for VOCs were obtained and the observations are summarized below:

Lateral	Measurement (ppmv)	
	Shallow	Deep
0	0.9	0.4
1	1.3	5.6
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0.5	3.0

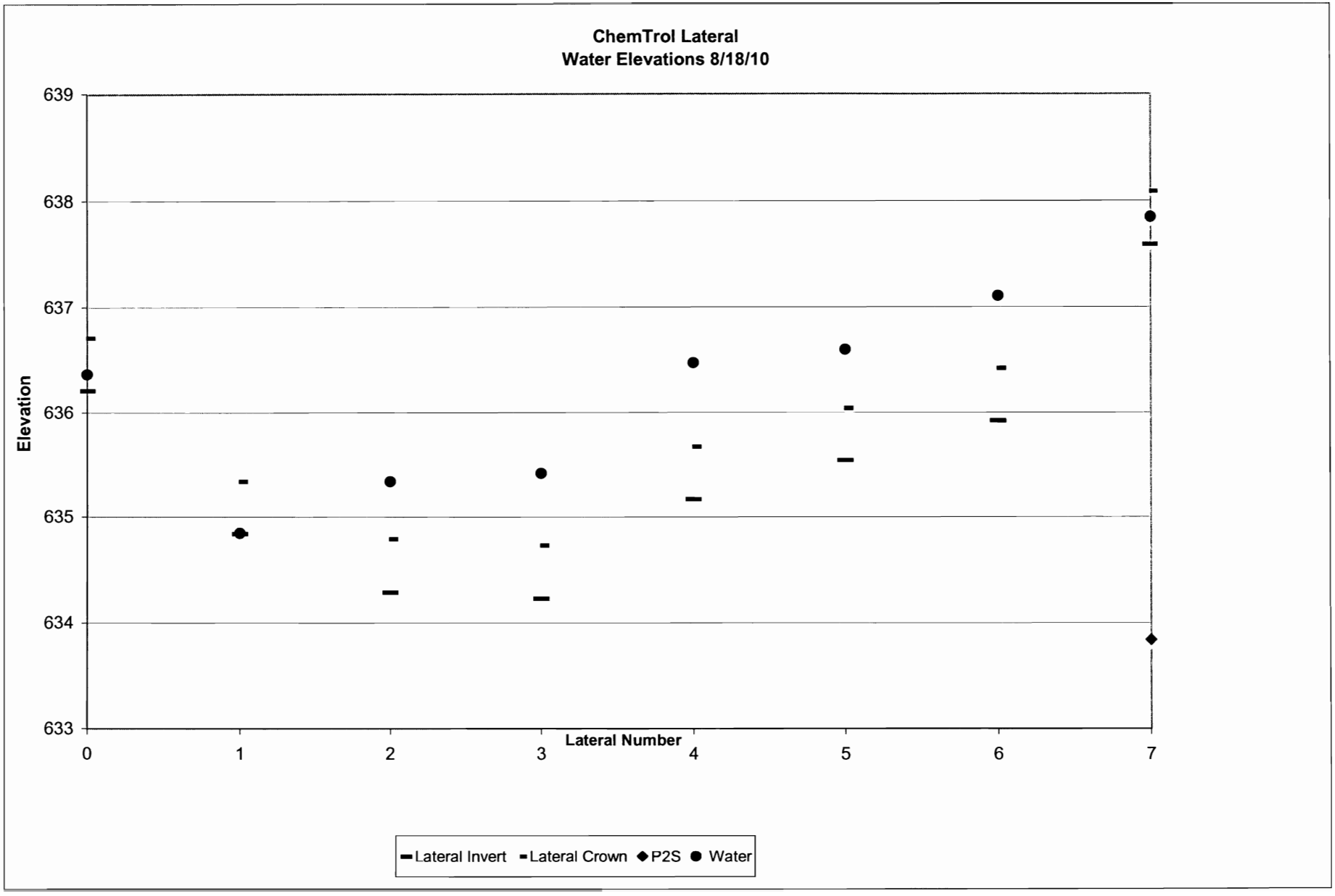
Note: Shallow measurements were obtained about 3 ft. into the lateral vent.
Deep measurements were obtained about 15 ft. into the lateral riser pipe.

Summa Canister samples were collected today from laterals 0, 1 and 2. Two samples were collected from each lateral, a shallow sample about three feet into the vent and a

deep sample about 15 feet into the vent. Details and results of the TO-14a analysis can be found in the SVE system evaluation report submitted under separate cover to NYSDEC.

Ground water elevations collected across the site are summarized in the following table:

	1Q	2Q	3Q
Well	**3/16/10**	**6/30/10**	**8/18/10**
OW-1FR	610.2	606.7	604.6
P97-5	609.9	606.7	604.7
MW-10S	610.7	609.3	609.3
MW-10R	610.2	606.9	604.8
P97-4	610.1	606.6	604.6
MW-13R	609.9	606.7	604.9
MW-8S	611.3	610.4	610.0
MW-8S	610.4	607.0	605.2
P97-3	610.3	606.6	604.5
MW-9RD	612.2	612.2	612.3
MW-9R	610.5	606.6	604.5
MW-9S	612.1	609.7	609.4
P97-2	613.4	609.6	608.7
P97-1	613.6	611.5	610.8
MW-12R	614.3	610.5	609.0
MW-12S	618.1	613.9	611.7
MW-14R	613.3	601.8	613.4
OW-2FR	610.5	606.7	604.5
MW-4S	624.2	622.7	621.8
MW-4R	610.0	606.4	604.8
P2S	621.9	620.7	620.6
MW-3S	621.0	619.9	619.2
P3R	619.5	609.5	619.5
P3S	620.7	620.1	619.6
OW-3R	615.5	614.5	614.3
P5S	628.9	628.5	623.9
P5R	618.8	617.1	614.8
MW-5S	625.9	623.8	622.5
P2R	640.5	635.7	633.5
P2S	638.6	637.2	633.8
MW-2S	639.1	637.7	634.0
MW-6S	632.0	628.9	627.1
MW-6R	621.5	620.0	617.6
P1S	638.2	637.8	633.1
MW-1R	639.2	637.3	645.4
MW-1S	640.8	639.0	634.4
MW-7S	639.4	636.7	632.2
MW-7R	638.1	636.6	633.4


ChemTrol Lateral
Water Elevations 8/18/10
639
638
637
636
635
634
633
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: September 13, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations and total VOC emissions from each lateral vent.

Water levels in each lateral and two adjacent monitoring wells are summarized below:

Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	636.5	Clear
1	634.7	Clear
2	634.9	0.2
3	634.9	0.2
4	636.1	0.4
5	636.2	0.2
6	636.7	0.2
7	637.8	Clear
P2S	633.4	
MW-3S	618.8	

Note: see attached chart

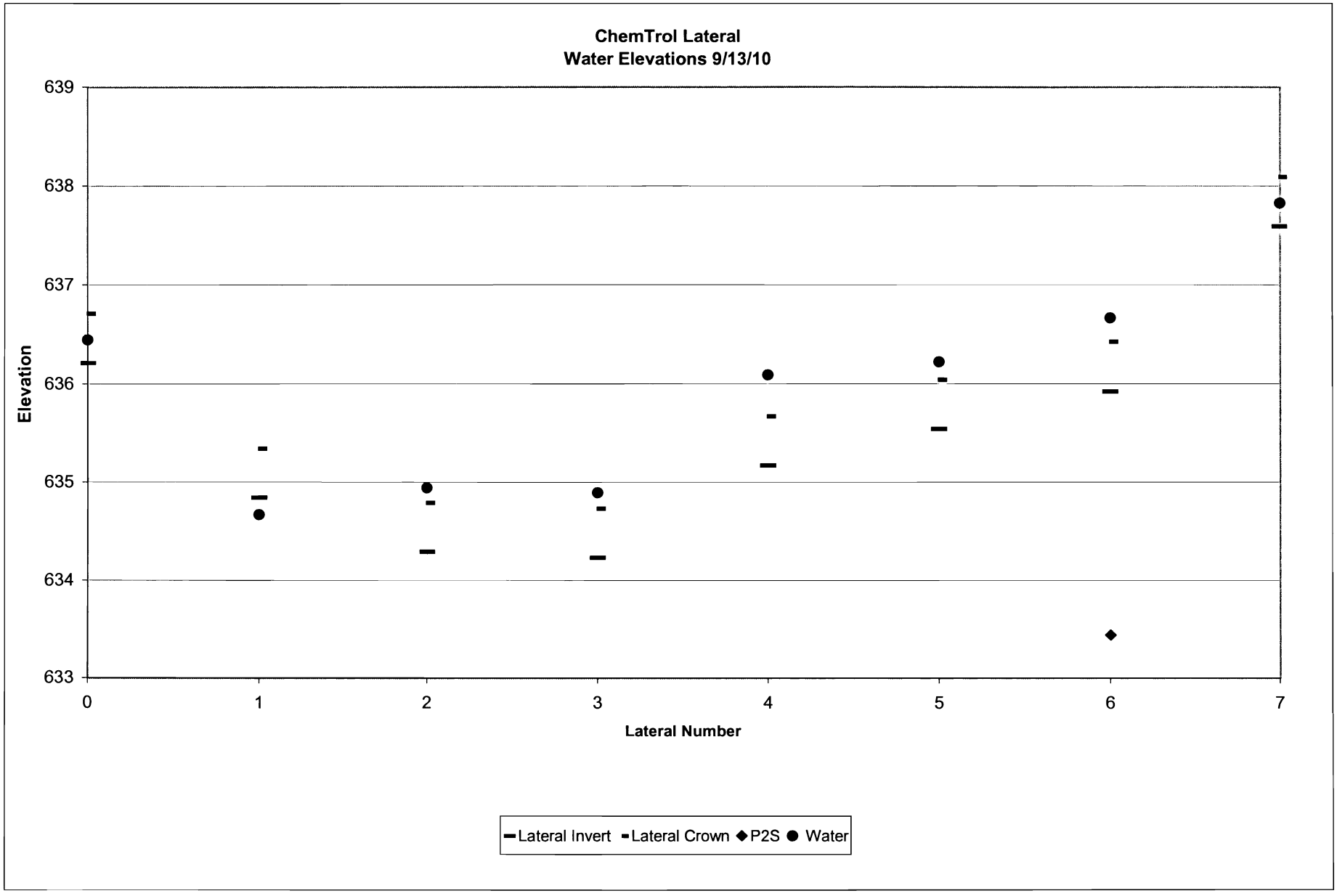
Comments:

Water levels in lateral 0, 1 and 7 remain below the crowns of each of those laterals. Water levels continue to drop and the remainder of the laterals may soon be above water.

PID measurements for VOCs were obtained and the observations are summarized below:

Lateral	Measurement (ppmv)
0	0.0
1	2.3
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
7	0.1

Summa canister samples were obtained from laterals 0, 1 and 7 on August 18, 2010. Provisions will be made to have summa canisters on hand to sample laterals 2, 3, 4, 5, and 6 as water levels drop and expose each lateral's crown.


ChemTrol Lateral
Water Elevations 9/13/10
639
638
637
636
635
634
633
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: September 30, 2010

Soil Vapor Extraction (SVE) System Site Visit

MMCE arrived on site today to measure water levels in each of the laterals and monitoring well ground water elevations in P2s and MW-3S.

Water levels in each lateral and two adjacent monitoring wells are summarized below:

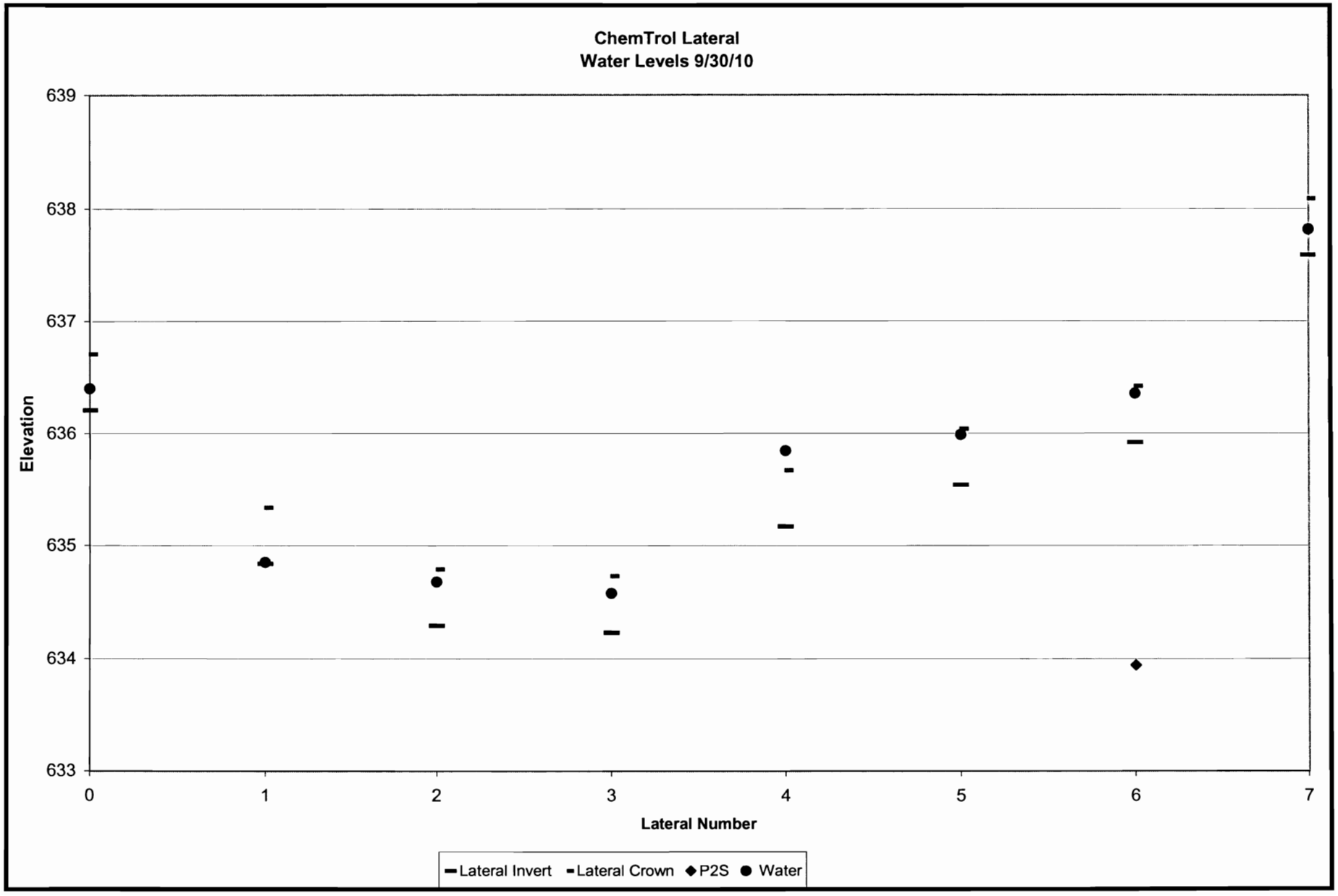
Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	636.4	Clear
1	634.9	Clear
2	634.7	Clear
3	634.6	Clear
4	635.8	0.4
5	636.0	Clear
6	636.4	Clear
7	637.8	Clear
P2S	633.4	
MW-3S	618.8	

Note: see attached chart

Comments:

Water levels in all laterals except 4 have dropped so that the crowns are above water. A visit to collect summa canister samples will be scheduled as quickly as possible before seasonal weather changes may elevate water levels in the laterals.

PID measurements for VOCs were not obtained this visit, see September 13, 2010, for monthly PID observations.


ChemTrol Lateral
Water Levels 9/30/10
639
638
637
636
635
634
633
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: October 13, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure quarterly ground water elevations in all wells across the site. MMCE also arrived prepared to obtain summa canister samples for TO-1a analysis from laterals not previously sampled. See October 12, 2010 report for lateral water elevations.

PID measurements for VOCs were obtained and the observations are summarized below:

Lateral	Measurement (ppmv)	
	Shallow	Deep
0*	0.3	0
1*	6.5	0
2	0	1.3
3	73	149
4	0.0	0
5	0.0	1.7
6	0.9	17.4
7*	5.6	0

Note – Shallow locations about 3 ft. into vent. Deep locations about 15 ft. into vent.

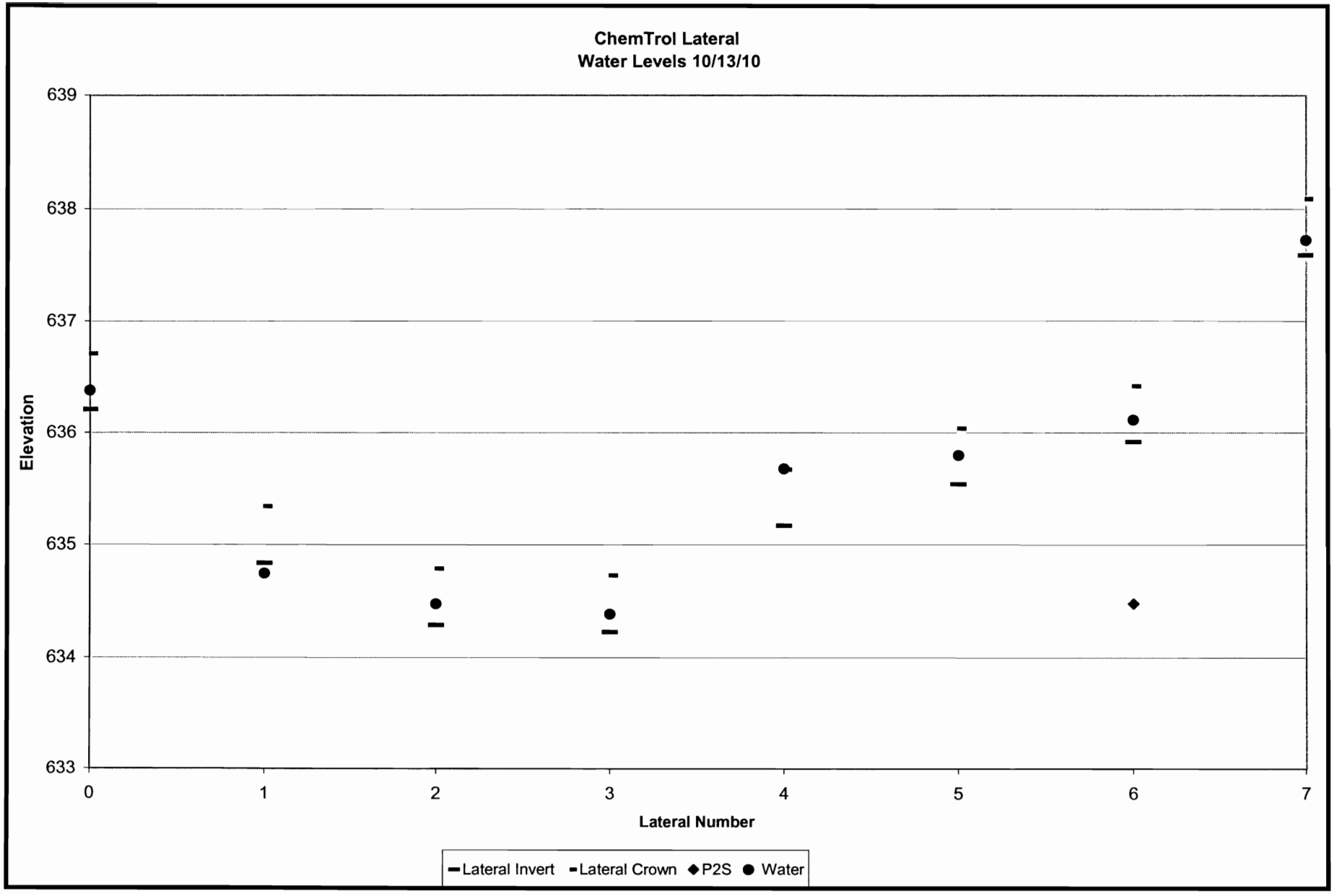
* - Previously summa canister samples for TO-14a analysis were obtained from laterals 0, 1 and 7 (see reports for 8/18/10). Therefore only laterals 2, 3, 5, and 6 were sampled today.

Chem-Trol

Blasdell, New York
File: 94-022

Summary of Groundwater Elevation Measurements - 2010

	1Q	2Q	3Q	4Q
Well	**3/16/10**	**6/30/10**	**8/18/10**	**10/13/10**
OW-1FR	610.2	606.7	604.6	605.7
P97-5	609.9	606.7	604.7	605.6
MW-10S	610.7	609.3	609.3	609.3
MW-10R	610.2	606.9	604.8	605.5
P97-4	610.1	606.6	604.6	605.5
MW-13R	609.9	606.7	604.9	605.6
MW-8S	611.3	610.4	610.0	609.9
MW-8S	610.4	607.0	605.2	605.8
P97-3	610.3	606.6	604.5	605.4
MW-9RD	612.2	612.2	612.3	612.0
MW-9R	610.5	606.6	604.5	605.3
MW-9S	612.1	609.7	609.4	609.4
P97-2	613.4	609.6	608.7	609.1
P97-1	613.6	611.5	610.8	611.0
MW-12R	614.3	610.5	609.0	608.5
MW-12S	618.1	613.9	611.7	611.7
MW-14R	613.3	601.8	613.4	612.0
OW-2FR	610.5	606.7	604.5	605.3
MW-4S	624.2	622.7	621.8	621.8
MW-4R	610.0	606.4	604.8	605.2
P2S	621.9	620.7	620.6	620.5
MW-3S	621.0	619.9	619.2	618.4
P3R	619.5	609.5	619.5	619.5
P3S	620.7	620.1	619.6	619.3
OW-3R	615.5	614.5	614.3	614.2
P5S	628.9	628.5	623.9	623.9
P5R	618.8	617.1	614.8	615.4
MW-5S	625.9	623.8	622.5	622.2
P2R	640.5	635.7	633.5	632.4
P2S	638.6	637.2	633.8	634.5
MW-2S	639.1	637.7	634.0	635.0
MW-6S	632.0	628.9	627.1	626.0
MW-6R	621.5	620.0	617.6	618.4
P1S	638.2	637.8	633.1	634.1
MW-1R	639.2	637.3	645.4	634.7
MW-1S	640.8	639.0	634.4	634.4
MW-7S	639.4	636.7	632.2	633.2
MW-7R	638.1	636.6	633.4	634.3


ChemTrol Lateral
Water Levels 10/13/10
639
638
637
636
635
634
633
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: November 11, 2010

Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations and total VOC emissions from each lateral vent.

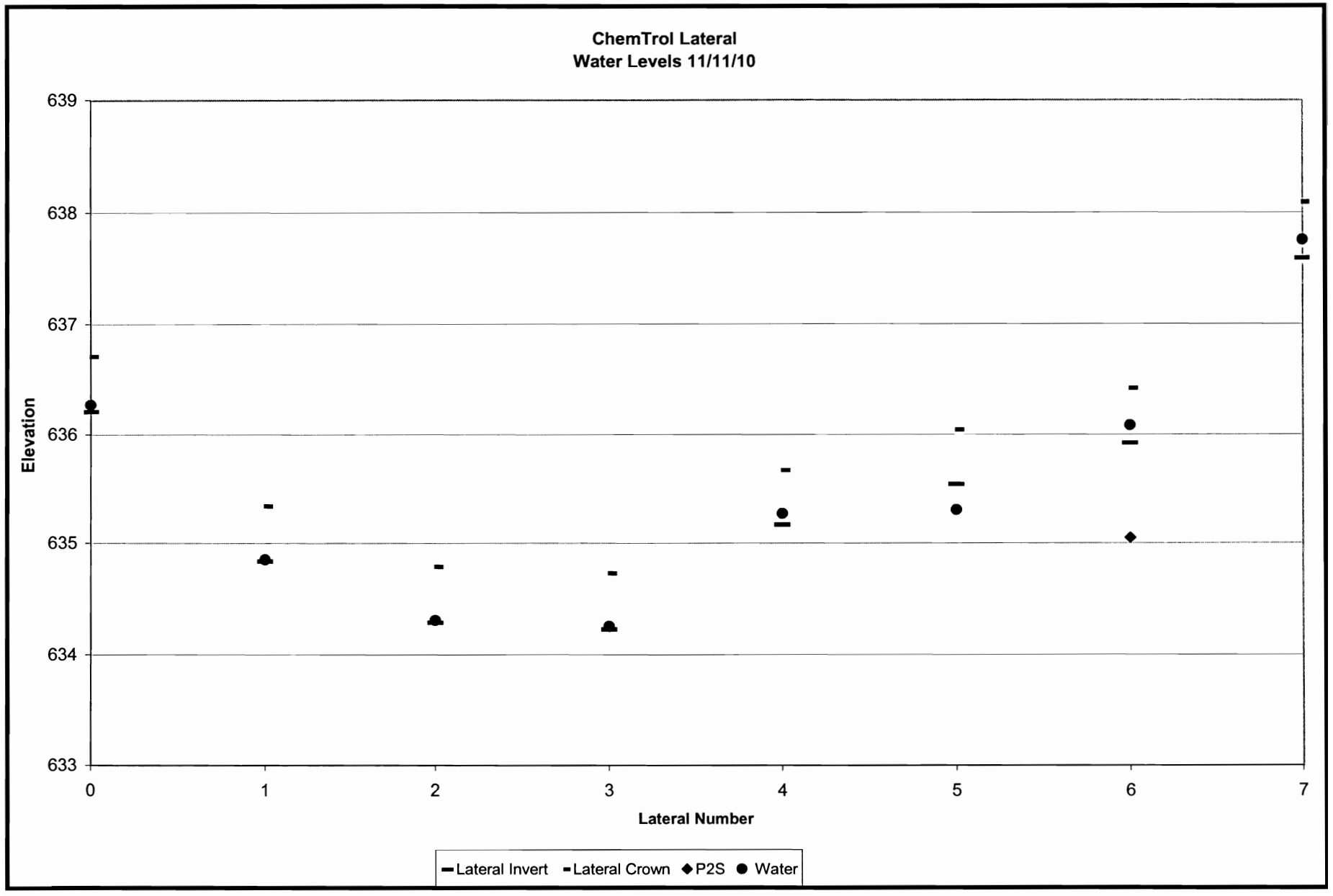
Water levels in each lateral and two adjacent monitoring wells are summarized below:

Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)
0	636.3	Clear
1	634.9	Clear
2	634.3	Clear
3	634.3	Clear
4	635.3	Clear
5	635.3	Clear
6	636.1	Clear
7	637.8	Clear
P2S	635.1	
MW-3S	637.6	

Note: see attached chart

Comments:

PID measurements for VOCs were obtained from each lateral today and no detects were observed.


ChemTrol Lateral
Water Levels 11/11/10
639
638
637
636
635
634
633
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: December 17, 2010

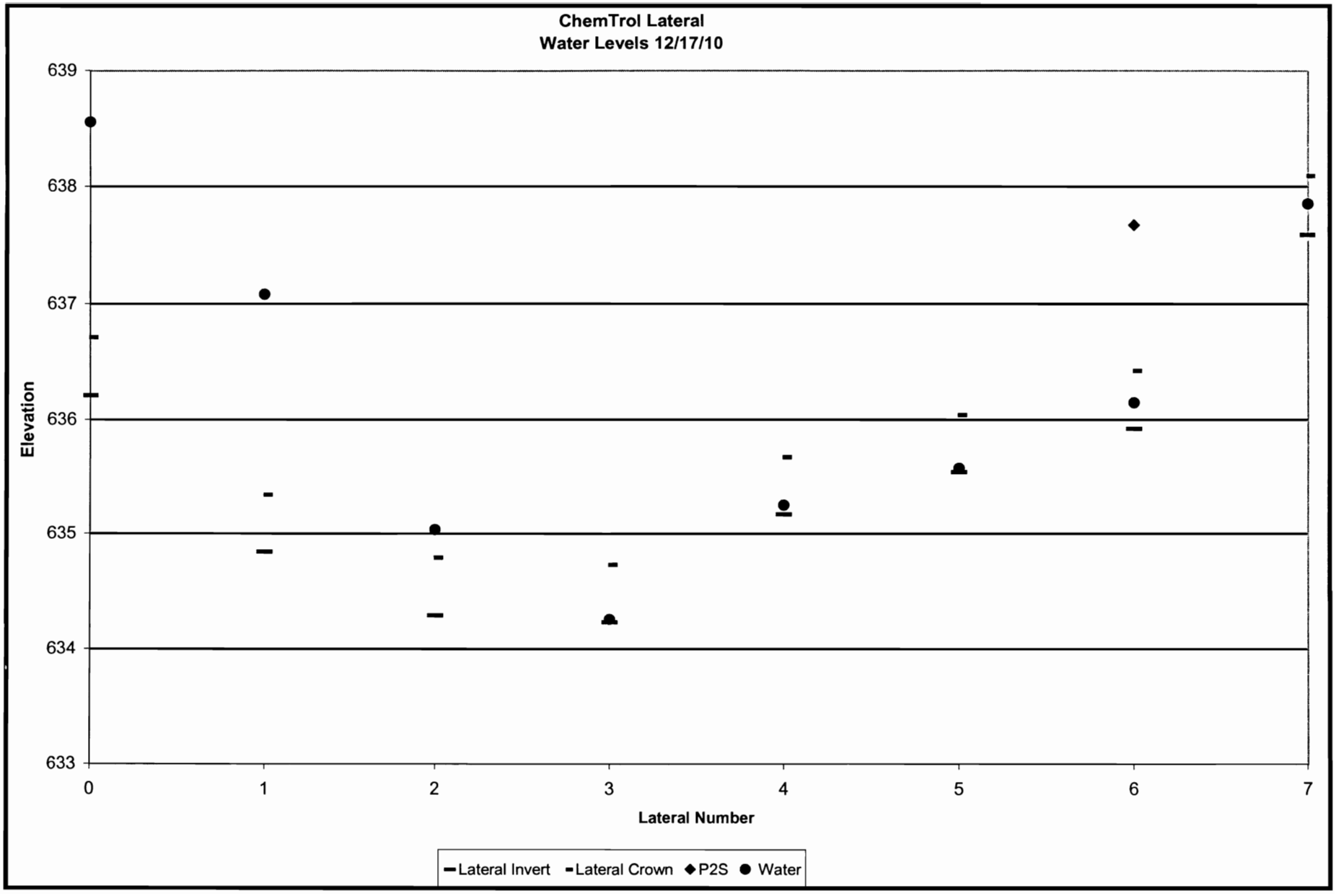
Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations and total VOC emissions from each lateral vent.

PID measurements, monitoring well and lateral water levels are summarized in the following table:

Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)	Measurement (ppmv)
0	636.3	1.8	0
1	634.9	1.7	0
2	634.3	0.2	0
3	634.3	Clear	0.1
4	635.3	Clear	0
5	635.3	Clear	9.1
6	636.1	Clear	0
7	637.8	Clear	0
P2S	637.7		
MW-3S	620.3		

Note: see attached chart


ChemTrol Lateral
Water Levels 12/17/10
639
638
637
636
635
634
633
Elevation
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

Chem-Trol

Blasdell, New York
File: 94-022

Date: January 14, 2011

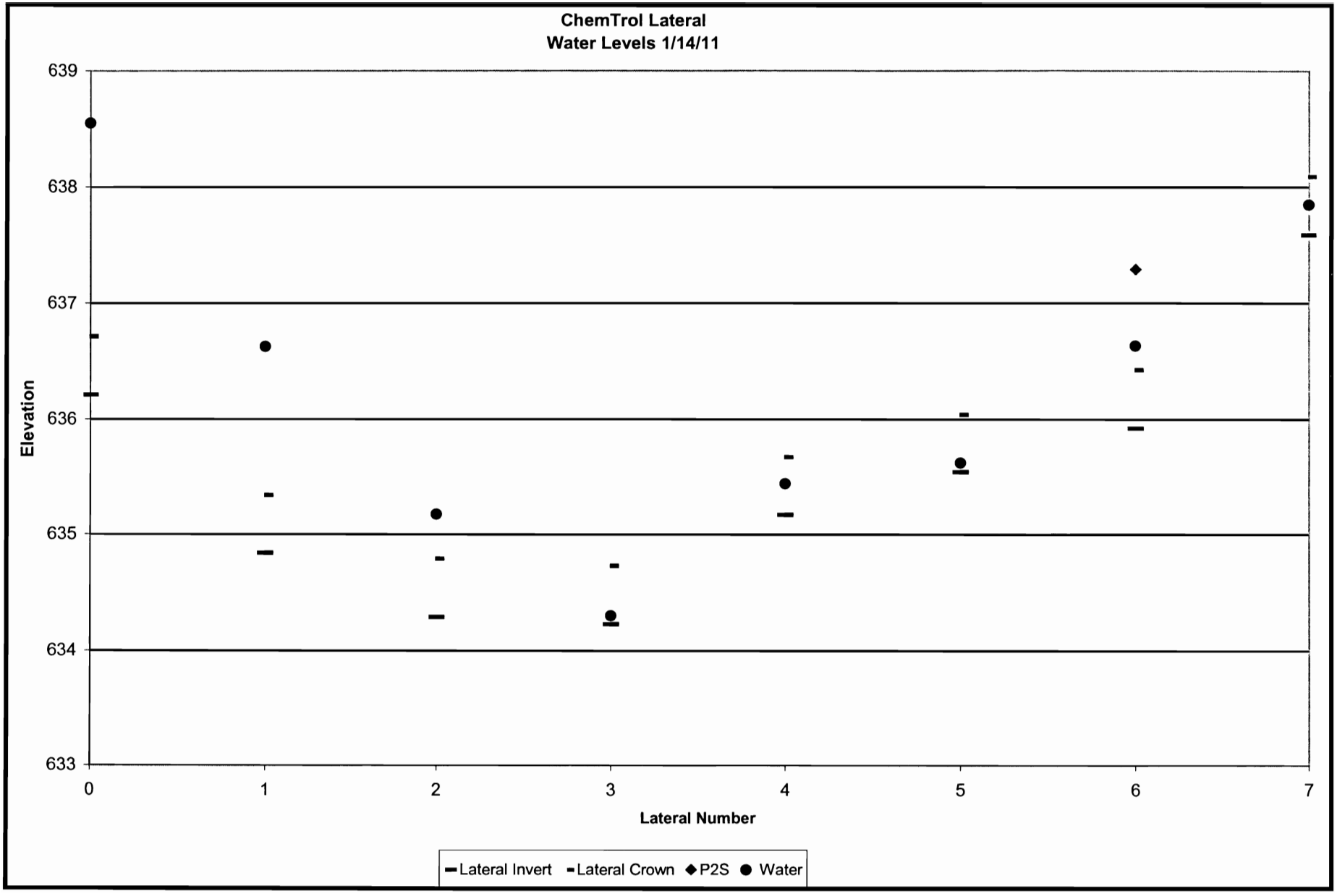
Soil Vapor Extraction (SVE) System Site Visit:

MMCE arrived on site today to measure water levels in each of the laterals, P2S and MW-3S monitoring well ground water elevations and total VOC emissions from each lateral vent.

PID measurements, monitoring well and lateral water levels are summarized in the following table:

Lateral Number	Water Elevation (ft.)	Depth Submerged (ft.)	Measurement (ppmv)
0	638.6	1.8	0
1	636.6	1.3	0
2	635.2	0.4	0
3	634.3	Clear	23.20
4	635.4	Clear	0
5	635.6	Clear	48.60
6	636.6	0.2	0
7	637.9	Clear	0
P2S	637.3		
MW-3S	620.0		

Note: see attached chart


ChemTrol Lateral
Water Levels 1/14/11
Elevation
639
638
637
636
635
634
633
0
1
2
3
4
5
6
7
Lateral Number
Lateral Invert
Lateral Crown
P2S
Water

ATTACHMENT II

Conversion of Soil Vapor Extraction System to Passive Venting

McMahon
& Mann
Consulting Engineers, P.C.

2495 Main Street, Suite 432, Buffalo, NY 14214

Donald R. McMahon, P.E.
Michael J. Mann, P.E.
Kenneth L. Fishman, Ph.D., P.E.
John A. Minichiello, CPESC, CPSWQ
James Bojarski, P.E.
Shawn W. Logan, P.E.
Andrew J. Nichols, P.E.
Todd Swackhamer, P.E.

February 23, 2010
File: 94-022

Mr. Mark Snyder, P.E.
Senior District Manager
Waste Management - Closed Site Management Group
425 Perinton Parkway
Fairport, New York 14450

Re: Conversion of Soil Vapor Extraction System to Passive Venting
Chem-Trol Site, Registry No. 9-15-015

Dear Mr. Snyder,

This letter describes the conversion of the soil vapor extraction (SVE) system at the Chem-Trol facility from an active to a passive system in January 2010.

Background

SC Holdings submitted an SVE System Evaluation Work Plan to the New York State Department of Environmental Conservation (NYSDEC) on October 22, 2009, proposing conversion of the active system to a passive venting system. The NYSDEC authorized conversion to a passive system along with monitoring the system for a year in its letter dated January 14, 2010.

System Conversion

McMahon & Mann Consulting Engineers P.C. (MMCE) began the system conversion on January 15 and completed the conversion on January 21, 2010. The following describes the steps taken to convert the SVE system to passive venting:

- The change began by switching the electricity off to the vacuum blower at the control panel box inside the SVE building. The circuit breaker box was also depowered as additional protection to prevent unintentional start up of the blower.

- MMCE closed the valves in the 4-inch pipes at each of the laterals where they transition to above ground. This effectively isolates each lateral from the remainder of the above ground piping system to encourage passive venting at each lateral. Closing these valves also prevents migration of vapors into the SVE building. Finally the make up valve located inside of the SVE building was fully opened to the

atmosphere to vent the above ground portion of the system and prevent applying any pressure to the piping system if the vacuum blower is periodically started to protect its motor bearings.

- The modification of each of the lateral pipes began after the system was depowered and valves isolated the underground pipes from the building. Modification began by removing the 4-inch caps and sample tubes from each cleanout and storing them in the SVE building. Water levels were measured and recorded for each lateral and for piezometer P2S. Data recorded through the year will be compiled and submitted in the monitoring report at the end of the monitoring period.

- The conversion plan requires that each lateral be extended by about 2-feet to maintain the vent opening above the weed growth during the summer season and above snow drifts in the winter (see Figure 1 for details). Each riser is constructed from a 4-inch threaded by 4-inch slip adapter coupled to a 4-inch by 2.5-foot pipe with a 90 degree elbow on top. The opening of the elbow is covered with screening to discourage insects from entering the pipe (see Photo 1). MMCE constructed the risers from Schedule 80 PVC pipe and fittings in order to match up with the existing pipes.

- All slip connections in the stacks are secured with self-tapping sheet metal screws. Completed stacks are screwed into each lateral via the 4-inch threaded male adapters. Glue was not used in any of the connections.

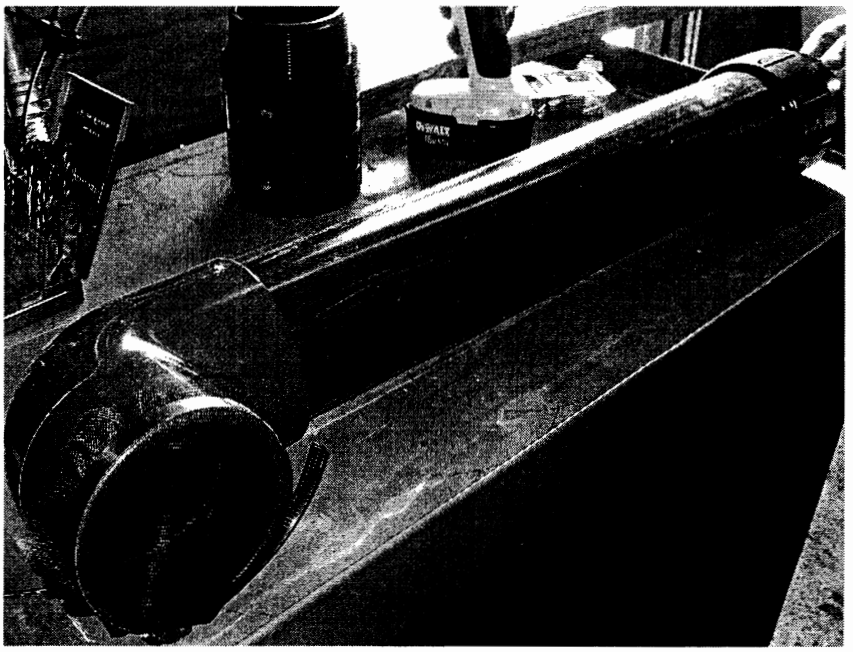


Photo 1 – Completed vent riser

- Installation of a sample port completed the riser. A 1.5-inch hole was drilled into the top of each elbow and plugged with an expandable rubber plug to protect the pipe

from insects. Water levels and VOC concentrations can be monitored by removing the expandable plug and inserting a meter probe into the riser (see Photos 2 and 3).

Photo 2 – Drilled sample port w/o expandable plug

Photo 3 – Installed vent riser with expandable plug inserted.

Photo 4 – First five installed vent risers

- MMCE converted five laterals on January 15, 2010 (see Photo 4). The remaining three risers were converted to passive vents on January 21, 2010.

Soil Vapor Extraction Monitoring Period

MMCE will observe the operation of the passive SVE system on a monthly basis in accordance with the approved work plan. The following work will be done to assess the performance of the passive venting system during the one-year period beginning February 1, 2010 and ending January 30, 2011:

- MMCE will obtain monthly measurements of water levels in each of the SVE lateral pipes and document the results,
- VOC measurements will be obtained with a PID device for each pipe,
- Monthly water levels in two wells, P2S and MW-3S, adjacent to the SVE lateral field will be measured to provide a reference comparison to levels in the lateral pipes,

- MMCE will tabulate monthly VOC influent concentrations detected in the groundwater collection and treatment system and from the SVE passive vent pipes, and,

- MMCE will coordinate collecting summa canister samples from each SVE collection lateral not submerged, one time per the evaluation period. The sample collection will be scheduled during a dry period of the year in August or September to increase the probability of the groundwater collection laterals being above the groundwater levels. TA laboratories will perform TO-14a analysis on the collected samples.

Data Evaluation and Report

MMCE will prepare a letter report for submittal to the NYSDEC in February 2011 summarizing the results of the SVE monitoring, 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 appropriate.

Please call MMCE should you have any questions or require any additional information.

Sincerely yours,

McMAHON & MANN CONSULTING ENGINEERS, P.C.

James Bojarski, P.E.

John A. Minichiello, CPESC, CPSWQ

Attachment – Figure 1

ATTACHMENT III

Summa Canister Analytical Analytical Test Results

LATERALS 0, 1, 7
SCUMMA CANISTERS
SAMPLED 8/18/10

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

SDG Number: □

Site ID: ChemTrol Site

Project Description(s)

Work Order RTH1324 - Earth Tech Chem-Trol monthly

For:

Mark Snyder

Waste Management - Hampton, NH

425 Perinton Pkwy

Fairport, NY 14450

Pauline Michael

Pauline Michael For Ryan VanDette

Project Manager

pauline.michael@testamericainc.com

Monday, September 13, 2010

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

TestAmerica Buffalo
Current Certifications

As of 08/16/2010

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA,RCRA	NY200003
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parame ters 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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

CASE NARRATIVE

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

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

DATA QUALIFIERS AND DEFINITIONS

ND [Undefined]

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: DL112144 (RTH1324-04 - Air)				**Sampled: 08/18/10 10:18**		**Recvd: 08/26/10**			
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	**21000**		180	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,1-Dichloroethane	**12000**		130	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,1-Dichloroethene	**3600**		130	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Chloroform	**780**		160	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
cis-1,2-Dichloroethene	**5800**		130	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Tetrachloroethene	**1200**		230	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Trichloroethene	**31000**		180	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Vinyl chloride	**110**		85	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Client ID: DL72954 (RTH1324-01 - Air)				**Sampled: 08/18/10 10:48**		**Recvd: 08/26/10**			
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	**44**		11	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,1-Dichloroethane	**98**		8.1	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,1-Dichloroethene	**25**		7.9	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Chloroform	**57**		9.8	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
cis-1,2-Dichloroethene	**1400**		7.9	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Tetrachloroethene	**1800**		14	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Trichloroethene	**1400**		11	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Client ID: DLO1539 (RTH1324-03 - Air)				**Sampled: 08/18/10 09:45**		**Recvd: 08/26/10**			
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	**710**		31	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,1-Dichloroethane	**2500**		23	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,1-Dichloroethene	**34**		22	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Tetrachloroethene	**110**		38	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Trichloroethene	**340**		30	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Client ID: SL16379 (RTH1324-05 - Air)				**Sampled: 08/18/10 10:29**		**Recvd: 08/26/10**			
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	**2800**		30	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,1-Dichloroethane	**1600**		22	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,1-Dichloroethene	**460**		22	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Chloroform	**95**		27	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
cis-1,2-Dichloroethene	**680**		22	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Tetrachloroethene	**170**		37	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Trichloroethene	**3800**		30	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Client ID: SL711345 (RTH1324-02 - Air)				**Sampled: 08/18/10 10:58**		**Recvd: 08/26/10**			
EPA-2 TO-14Ax									
cis-1,2-Dichloroethene	**20**		7.9	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Tetrachloroethene	**91**		14	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Trichloroethene	**63**		11	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Client ID: SLO98058 (RTH1324-06 - Air)				**Sampled: 08/18/10 10:02**		**Recvd: 08/26/10**			

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SLO98058 (RTH1324-06 - Air) - cont.					**Sampled: 08/18/10 10:02**		**Recvd: 08/26/10**		
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	**32**		11	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,1-Dichloroethane	**120**		8.1	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
m-Xylene & p-Xylene	**11**		8.7	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Tetrachloroethene	**15**		14	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Trichloroethene	**27**		11	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
DL112144	RTH1324-04	Air	08/18/10 10:18	08/24/10 09:15	
DL72954	RTH1324-01	Air	08/18/10 10:48	08/24/10 09:15	
DLO1539	RTH1324-03	Air	08/18/10 09:45	08/24/10 09:15	
SL16379	RTH1324-05	Air	08/18/10 10:29	08/24/10 09:15	
SL711345	RTH1324-02	Air	08/18/10 10:58	08/24/10 09:15	
SLO98058	RTH1324-06	Air	08/18/10 10:02	08/24/10 09:15	

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

Analytical Report

Client ID: DL112144 (RTH1324-04 - Air) — **Sampled: 08/18/10 10:18** — **Recvd: 08/26/10**

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
EPA-2 TO-14A-TICx									
1,1,1,2-tetrachloroethane	ND	ND	NA	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A-TIC
o-chlorotoluene	ND	ND	NA	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A-TIC
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	**21000**		180	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,1,2,2-Tetrachloroethane	ND		230	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,1,2-Trichloroethane	ND		180	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,1-Dichloroethane	**12000**		130	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,1-Dichloroethene	**3600**		130	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,2,3-Trichloropropane	ND		500	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,2-Dibromoethane (EDB)	ND		260	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		230	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,2-Dichloroethane	ND		130	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,2-Dichloropropane	ND		150	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
1,3-Dichlorobenzene	ND		200	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Benzene	ND		110	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Bromodichloromethane	ND		220	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Bromoform	ND		340	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Bromomethane	ND		130	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Carbon disulfide	ND		260	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Carbon tetrachloride	ND		210	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Chlorobenzene	ND		150	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Chloroethane	ND		88	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Chloroform	**780**		160	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Chloromethane	ND		170	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
cis-1,2-Dichloroethene	**5800**		130	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
cis-1,3-Dichloropropene	ND		150	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Dibromochloromethane	ND		280	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Dibromomethane	ND		470	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Dichlorodifluoromethane	ND		160	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Ethylbenzene	ND		140	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Hexachlorobutadiene	ND		1800	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Methylene chloride	ND		290	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
m-Xylene & p-Xylene	ND		140	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
o-Xylene	ND		140	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Styrene	ND		140	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Tetrachloroethene	**1200**		230	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Toluene	ND		130	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
trans-1,2-Dichloroethene	ND		130	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
trans-1,3-Dichloropropene	ND		150	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Trichloroethene	**31000**		180	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Trichlorofluoromethane	ND		190	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
Vinyl chloride	**110**		85	ug/m3	167	08/27/10 19:03	HT	242091	EPA-2 TO-14A
4-Bromofluorobenzene	*99 %*		*Surr Limits: (60-140%)*			*08/27/10 19:03*	*HT*	*242091*	*EPA-2 TO-14A*

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: DL72954 (RTH1324-01 - Air)					**Sampled: 08/18/10 10:48**		**Recvd: 08/26/10**		
EPA-2 TO-14A-TICx									
1,1,1,2-tetrachloroethane	ND	ND	NA	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A-TIC
o-chlorotoluene	ND	ND	NA	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A-TIC
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	**44**		11	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,1,2,2-Tetrachloroethane	ND		14	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,1,2-Trichloroethane	ND		11	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,1-Dichloroethane	**98**		8.1	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,1-Dichloroethene	**25**		7.9	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,2,3-Trichloropropane	ND		30	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,2-Dibromoethane (EDB)	ND		15	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		14	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,2-Dichloroethane	ND		8.1	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,2-Dichloropropane	ND		9.2	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
1,3-Dichlorobenzene	ND		12	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Benzene	ND		6.4	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Bromodichloromethane	ND		13	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Bromoform	ND		21	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Bromomethane	ND		7.8	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Carbon disulfide	ND		16	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Carbon tetrachloride	ND		13	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Chlorobenzene	ND		9.2	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Chloroethane	ND		5.3	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Chloroform	**57**		9.8	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Chloromethane	ND		10	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
cis-1,2-Dichloroethene	**1400**		7.9	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
cis-1,3-Dichloropropene	ND		9.1	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Dibromochloromethane	ND		17	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Dibromomethane	ND		28	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Dichlorodifluoromethane	ND		9.9	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Ethylbenzene	ND		8.7	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Hexachlorobutadiene	ND		110	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Methylene chloride	ND		17	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
m-Xylene & p-Xylene	ND		8.7	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
o-Xylene	ND		8.7	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Styrene	ND		8.5	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Tetrachloroethene	**1800**		14	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Toluene	ND		7.5	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
trans-1,2-Dichloroethene	ND		7.9	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
trans-1,3-Dichloropropene	ND		9.1	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Trichloroethene	**1400**		11	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Trichlorofluoromethane	ND		11	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
Vinyl chloride	ND		5.1	ug/m3	10.0	08/27/10 16:27	HT	242091	EPA-2 TO-14A
4-Bromofluorobenzene	*102 %*		*Surr Limits: (60-140%)*			*08/27/10 16:27*	*HT*	*242091*	*EPA-2 TO-14A*

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: DLO1539 (RTH1324-03 - Air)					**Sampled: 08/18/10 09:45**		**Recvd: 08/26/10**		
EPA-2 TO-14A-TICx									
1,1,1,2-tetrachloroethane	ND	ND	NA	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A-TIC
o-chlorotoluene	ND	ND	NA	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A-TIC
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	**710**		31	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,1,2,2-Tetrachloroethane	ND		39	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,1,2-Trichloroethane	ND		31	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,1-Dichloroethane	**2500**		23	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,1-Dichloroethene	**34**		22	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,2,3-Trichloropropane	ND		86	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,2-Dibromoethane (EDB)	ND		44	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		40	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,2-Dichloroethane	ND		23	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,2-Dichloropropane	ND		26	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
1,3-Dichlorobenzene	ND		34	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Benzene	ND		18	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Bromodichloromethane	ND		38	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Bromoform	ND		59	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Bromomethane	ND		22	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Carbon disulfide	ND		44	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Carbon tetrachloride	ND		36	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Chlorobenzene	ND		26	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Chloroethane	ND		15	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Chloroform	ND		28	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Chloromethane	ND		29	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
cis-1,2-Dichloroethene	ND		22	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
cis-1,3-Dichloropropene	ND		26	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Dibromochloromethane	ND		48	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Dibromomethane	ND		81	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Dichlorodifluoromethane	ND		28	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Ethylbenzene	ND		25	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Hexachlorobutadiene	ND		300	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Methylene chloride	ND		49	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
m-Xylene & p-Xylene	ND		25	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
o-Xylene	ND		25	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Styrene	ND		24	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Tetrachloroethene	**110**		38	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Toluene	ND		21	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
trans-1,2-Dichloroethene	ND		22	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
trans-1,3-Dichloropropene	ND		26	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Trichloroethene	**340**		30	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Trichlorofluoromethane	ND		32	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
Vinyl chloride	ND		14	ug/m3	28.4	08/30/10 14:44	HT	243135	EPA-2 TO-14A
4-Bromofluorobenzene	*99 %*		*Surr Limits: (60-140%)*			*08/30/10 14:44*	*HT*	*243135*	*EPA-2 TO-14A*

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

Analytical Report

Client ID: SL16379 (RTH1324-05 - Air) — **Sampled: 08/18/10 10:29** — **Recvd: 08/26/10**

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
EPA-2 TO-14A-TICx									
1,1,1,2-tetrachloroethane	ND	ND	NA	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A-TIC
o-chlorotoluene	ND	ND	NA	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A-TIC
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	**2800**		30	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,1,2,2-Tetrachloroethane	ND		38	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,1,2-Trichloroethane	ND		30	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,1-Dichloroethane	**1600**		22	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,1-Dichloroethene	**460**		22	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,2,3-Trichloropropane	ND		83	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,2-Dibromoethane (EDB)	ND		42	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		39	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,2-Dichloroethane	ND		22	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,2-Dichloropropane	ND		26	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
1,3-Dichlorobenzene	ND		33	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Benzene	ND		18	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Bromodichloromethane	ND		37	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Bromoform	ND		57	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Bromomethane	ND		21	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Carbon disulfide	ND		43	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Carbon tetrachloride	ND		35	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Chlorobenzene	ND		25	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Chloroethane	ND		15	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Chloroform	**95**		27	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Chloromethane	ND		29	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
cis-1,2-Dichloroethene	**680**		22	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
cis-1,3-Dichloropropene	ND		25	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Dibromochloromethane	ND		47	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Dibromomethane	ND		79	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Dichlorodifluoromethane	ND		27	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Ethylbenzene	ND		24	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Hexachlorobutadiene	ND		290	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Methylene chloride	ND		48	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
m-Xylene & p-Xylene	ND		24	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
o-Xylene	ND		24	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Styrene	ND		24	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Tetrachloroethene	**170**		37	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Toluene	ND		21	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
trans-1,2-Dichloroethene	ND		22	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
trans-1,3-Dichloropropene	ND		25	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Trichloroethene	**3800**		30	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Trichlorofluoromethane	ND		31	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
Vinyl chloride	ND		14	ug/m3	27.6	08/30/10 15:36	HT	243135	EPA-2 TO-14A
4-Bromofluorobenzene	*98 %*		*Surr Limits: (60-140%)*			*08/30/10 15:36*	*HT*	*243135*	*EPA-2 TO-14A*

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SL711345 (RTH1324-02 - Air)					**Sampled: 08/18/10 10:58**		**Recvd: 08/26/10**		
EPA-2 TO-14A-TICx									
1,1,1,2-tetrachloroethane	ND	ND	NA	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A-TIC
o-chlorotoluene	ND	ND	NA	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A-TIC
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	ND		11	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
1,1,2,2-Tetrachloroethane	ND		14	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
1,1,2-Trichloroethane	ND		11	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
1,1-Dichloroethane	ND		8.1	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
1,1-Dichloroethene	ND		7.9	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
1,2,3-Trichloropropane	ND		30	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
1,2-Dibromoethane (EDB)	ND		15	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		14	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
1,2-Dichloroethane	ND		8.1	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
1,2-Dichloropropane	ND		9.2	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
1,3-Dichlorobenzene	ND		12	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Benzene	ND		6.4	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Bromodichloromethane	ND		13	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Bromoform	ND		21	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Bromomethane	ND		7.8	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Carbon disulfide	ND		16	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Carbon tetrachloride	ND		13	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Chlorobenzene	ND		9.2	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Chloroethane	ND		5.3	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Chloroform	ND		9.8	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Chloromethane	ND		10	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
cis-1,2-Dichloroethene	**20**		7.9	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
cis-1,3-Dichloropropene	ND		9.1	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Dibromochloromethane	ND		17	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Dibromomethane	ND		28	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Dichlorodifluoromethane	ND		9.9	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Ethylbenzene	ND		8.7	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Hexachlorobutadiene	ND		110	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Methylene chloride	ND		17	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
m-Xylene & p-Xylene	ND		8.7	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
o-Xylene	ND		8.7	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Styrene	ND		8.5	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Tetrachloroethene	**91**		14	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Toluene	ND		7.5	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
trans-1,2-Dichloroethene	ND		7.9	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
trans-1,3-Dichloropropene	ND		9.1	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Trichloroethene	**63**		11	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Trichlorofluoromethane	ND		11	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
Vinyl chloride	ND		5.1	ug/m3	10.0	08/27/10 17:17	HT	242091	EPA-2 TO-14A
4-Bromofluorobenzene	*102 %*		*Surr Limits: (60-140%)*			*08/27/10 17:17*	*HT*	*242091*	*EPA-2 TO-14A*

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Client ID: SLO98058 (RTH1324-06 - Air)					**Sampled: 08/18/10 10:02**		**Recvd: 08/26/10**		
EPA-2 TO-14A-TICx									
1,1,1,2-tetrachloroethane	ND	ND	NA	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A-TIC
o-chlorotoluene	ND	ND	NA	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A-TIC
EPA-2 TO-14Ax									
1,1,1-Trichloroethane	**32**		11	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,1,2,2-Tetrachloroethane	ND		14	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,1,2-Trichloroethane	ND		11	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,1-Dichloroethane	**120**		8.1	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,1-Dichloroethene	ND		7.9	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,2,3-Trichloropropane	ND		30	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,2-Dibromoethane (EDB)	ND		15	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		14	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,2-Dichloroethane	ND		8.1	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,2-Dichloropropane	ND		9.2	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
1,3-Dichlorobenzene	ND		12	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Benzene	ND		6.4	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Bromodichloromethane	ND		13	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Bromoform	ND		21	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Bromomethane	ND		7.8	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Carbon disulfide	ND		16	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Carbon tetrachloride	ND		13	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Chlorobenzene	ND		9.2	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Chloroethane	ND		5.3	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Chloroform	ND		9.8	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Chloromethane	ND		10	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
cis-1,2-Dichloroethene	ND		7.9	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
cis-1,3-Dichloropropene	ND		9.1	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Dibromochloromethane	ND		17	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Dibromomethane	ND		28	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Dichlorodifluoromethane	ND		9.9	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Ethylbenzene	ND		8.7	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Hexachlorobutadiene	ND		110	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Methylene chloride	ND		17	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
m-Xylene & p-Xylene	**11**		8.7	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
o-Xylene	ND		8.7	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Styrene	ND		8.5	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Tetrachloroethene	**15**		14	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Toluene	ND		7.5	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
trans-1,2-Dichloroethene	ND		7.9	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
trans-1,3-Dichloropropene	ND		9.1	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Trichloroethene	**27**		11	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Trichlorofluoromethane	ND		11	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
Vinyl chloride	ND		5.1	ug/m3	10.0	08/27/10 20:46	HT	242091	EPA-2 TO-14A
4-Bromofluorobenzene	*103 %*		*Surr Limits: (60-140%)*			*08/27/10 20:46*	*HT*	*242091*	*EPA-2 TO-14A*

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
EPA-2 TO-14A-TICx										
Blank Analyzed: 08/27/10 (Lab Number:H0H300000091B, Batch: 242091)										
None UNK			ND	ug/m3	ND		-			
EPA-2 TO-14A-TICx										
Blank Analyzed: 08/30/10 (Lab Number:H0H310000135B, Batch: 243135)										
None UNK			ND	ug/m3	ND		-			

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
EPA-2 TO-14Ax										
Blank Analyzed: 08/27/10 (Lab Number:H0H300000091B, Batch: 242091)										
1,1,1-Trichloroethane			1.1	ug/m3	ND		-			
1,1,2,2-Tetrachloroethane			1.4	ug/m3	ND		-			
1,1,2-Trichloroethane			1.1	ug/m3	ND		-			
1,1-Dichloroethane			0.81	ug/m3	ND		-			
1,1-Dichloroethene			0.79	ug/m3	ND		-			
1,2,3-Trichloropropane			3	ug/m3	ND		-			
1,2-Dibromoethane (EDB)			1.5	ug/m3	ND		-			
1,2-Dichloro-1,1,2,2-tetrafluoroethane			1.4	ug/m3	ND		-			
1,2-Dichloroethane			0.81	ug/m3	ND		-			
1,2-Dichloropropane			0.92	ug/m3	ND		-			
1,3-Dichlorobenzene			1.2	ug/m3	ND		-			
Benzene			0.64	ug/m3	ND		-			
Bromodichloromethane			1.3	ug/m3	ND		-			
Bromoform			2.1	ug/m3	ND		-			
Bromomethane			0.78	ug/m3	ND		-			
Carbon disulfide			1.6	ug/m3	ND		-			
Carbon tetrachloride			1.3	ug/m3	ND		-			
Chlorobenzene			0.92	ug/m3	ND		-			
Chloroethane			0.53	ug/m3	ND		-			
Chloroform			0.98	ug/m3	ND		-			
Chloromethane			1	ug/m3	ND		-			
cis-1,2-Dichloroethene			0.79	ug/m3	ND		-			
cis-1,3-Dichloropropene			0.91	ug/m3	ND		-			
Dibromochloromethane			1.7	ug/m3	ND		-			
Dibromomethane			2.8	ug/m3	ND		-			
Dichlorodifluoromethane			0.99	ug/m3	ND		-			
Ethylbenzene			0.87	ug/m3	ND		-			
Hexachlorobutadiene			11	ug/m3	ND		-			
Methylene chloride			1.7	ug/m3	ND		-			
m-Xylene & p-Xylene			0.87	ug/m3	ND		-			
o-Xylene			0.87	ug/m3	ND		-			
Styrene			0.85	ug/m3	ND		-			
Tetrachloroethene			1.4	ug/m3	ND		-			
Toluene			0.75	ug/m3	ND		-			
trans-1,2-Dichloroethene			0.79	ug/m3	ND		-			
trans-1,3-Dichloropropene			0.91	ug/m3	ND		-			

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
EPA-2 TO-14Ax										
Blank Analyzed: 08/27/10 (Lab Number:H0H300000091B, Batch: 242091)										
Trichloroethene			1.1	ug/m3	ND		-			
Trichlorofluoromethane			1.1	ug/m3	ND		-			
Vinyl chloride			0.51	ug/m3	ND		-			
Surrogate: 4-Bromofluorobenzene				*ug/m3*		*99*	*60-140*			
LCS Analyzed: 08/27/10 (Lab Number:H0H300000091C, Batch: 242091)										
1,1,1-Trichloroethane		27.3	1.1	ug/m3	31	114	70-130			
1,1,2,2-Tetrachloroethane		34.3	1.4	ug/m3	30	87	70-130			
1,1,2-Trichloroethane		27.3	1.1	ug/m3	25	90	70-130			
1,1-Dichloroethane		20.2	0.81	ug/m3	20	101	70-130			
1,1-Dichloroethene		19.8	0.79	ug/m3	20	102	70-130			
1,2,3-Trichloropropane		30.1	3	ug/m3	29	97	60-140			
1,2-Dibromoethane (EDB)		38.4	1.5	ug/m3	35	92	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane		35.0	1.4	ug/m3	37	105	60-140			
1,2-Dichloroethane		20.2	0.81	ug/m3	21	106	70-130			
1,2-Dichloropropane		23.1	0.92	ug/m3	19	81	70-130			
1,3-Dichlorobenzene		30.1	1.2	ug/m3	28	92	70-130			
Benzene		16.0	0.64	ug/m3	15	91	70-130			
Bromodichloromethane		33.5	1.3	ug/m3	33	98	70-130			
Bromoform		51.7	2.1	ug/m3	47	90	70-130			
Bromomethane		19.4	0.78	ug/m3	19	99	70-130			
Carbon disulfide		15.6	1.6	ug/m3	16	100	70-130			
Carbon tetrachloride		31.5	1.3	ug/m3	36	114	70-130			
Chlorobenzene		23.0	0.92	ug/m3	21	91	70-130			
Chloroethane		13.2	0.53	ug/m3	13	96	70-130			
Chloroform		24.4	0.98	ug/m3	24	98	70-130			
Chloromethane		10.3	1	ug/m3	10	99	60-140			
cis-1,2-Dichloroethene		19.8	0.79	ug/m3	20	102	70-130			
cis-1,3-Dichloropropene		22.7	0.91	ug/m3	20	89	70-130			
Dibromochloromethane		42.6	1.7	ug/m3	41	96	70-130			
Dibromomethane		35.5	2.8	ug/m3	37	104	70-130			
Dichlorodifluoromethane		24.7	0.99	ug/m3	27	110	60-140			
Ethylbenzene		21.7	0.87	ug/m3	19	85	70-130			
Hexachlorobutadiene		53.3	11	ug/m3	51	96	60-140			
Methylene chloride		17.4	1.7	ug/m3	16	94	70-130			
m-Xylene & p-Xylene		43.4	0.87	ug/m3	38	87	70-130			

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
EPA-2 TO-14Ax										
LCS Analyzed: 08/27/10 (Lab Number:H0H300000091C, Batch: 242091)										
o-Xylene		21.7	0.87	ug/m3	19	87	70-130			
Styrene		21.3	0.85	ug/m3	19	87	70-130			
Tetrachloroethene		33.9	1.4	ug/m3	34	101	70-130			
Toluene		18.8	0.75	ug/m3	15	82	70-130			
trans-1,2-Dichloroethene		19.8	0.79	ug/m3	20	103	70-130			
trans-1,3-Dichloropropene		22.7	0.91	ug/m3	21	91	70-130			
Trichloroethene		26.9	1.1	ug/m3	30	110	70-130			
Trichlorofluoromethane		28.1	1.1	ug/m3	32	115	60-140			
Vinyl chloride		12.8	0.51	ug/m3	13	98	70-130			
Surrogate: 4-Bromofluorobenzene				*ug/m3*		*106*	*60-140*			
EPA-2 TO-14Ax										
Blank Analyzed: 08/30/10 (Lab Number:H0H310000135B, Batch: 243135)										
1,1,1-Trichloroethane			1.1	ug/m3	ND		-			
1,1,2,2-Tetrachloroethane			1.4	ug/m3	ND		-			
1,1,2-Trichloroethane			1.1	ug/m3	ND		-			
1,1-Dichloroethane			0.81	ug/m3	ND		-			
1,1-Dichloroethene			0.79	ug/m3	ND		-			
1,2,3-Trichloropropane			3	ug/m3	ND		-			
1,2-Dibromoethane (EDB)			1.5	ug/m3	ND		-			
1,2-Dichloro-1,1,2,2-tetrafluoroethane			1.4	ug/m3	ND		-			
1,2-Dichloroethane			0.81	ug/m3	ND		-			
1,2-Dichloropropane			0.92	ug/m3	ND		-			
1,3-Dichlorobenzene			1.2	ug/m3	ND		-			
Benzene			0.64	ug/m3	ND		-			
Bromodichloromethane			1.3	ug/m3	ND		-			
Bromoform			2.1	ug/m3	ND		-			
Bromomethane			0.78	ug/m3	ND		-			
Carbon disulfide			1.6	ug/m3	ND		-			
Carbon tetrachloride			1.3	ug/m3	ND		-			
Chlorobenzene			0.92	ug/m3	ND		-			
Chloroethane			0.53	ug/m3	ND		-			
Chloroform			0.98	ug/m3	ND		-			
Chloromethane			1	ug/m3	ND		-			
cis-1,2-Dichloroethene			0.79	ug/m3	ND		-			

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

SDG Number: □
Site ID: ChemTrol Site
Project: Earth Tech Chem-Trol monthly
Project Number: WMI01779

Received: 08/24/10
Reported: 09/13/10 10:57

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
EPA-2 TO-14Ax										
Blank Analyzed: 08/30/10 (Lab Number:H0H310000135B, Batch: 243135)										
cis-1,3-Dichloropropene			0.91	ug/m3	ND		-			
Dibromochloromethane			1.7	ug/m3	ND		-			
Dibromomethane			2.8	ug/m3	ND		-			
Dichlorodifluoromethane			0.99	ug/m3	ND		-			
Ethylbenzene			0.87	ug/m3	ND		-			
Hexachlorobutadiene			11	ug/m3	ND		-			
Methylene chloride			1.7	ug/m3	ND		-			
m-Xylene & p-Xylene			0.87	ug/m3	ND		-			
o-Xylene			0.87	ug/m3	ND		-			
Styrene			0.85	ug/m3	ND		-			
Tetrachloroethene			1.4	ug/m3	ND		-			
Toluene			0.75	ug/m3	ND		-			
trans-1,2-Dichloroethene			0.79	ug/m3	ND		-			
trans-1,3-Dichloropropene			0.91	ug/m3	ND		-			
Trichloroethene			1.1	ug/m3	ND		-			
Trichlorofluoromethane			1.1	ug/m3	ND		-			
Vinyl chloride			0.51	ug/m3	ND		-			
Surrogate: 4-Bromofluorobenzene				*ug/m3*		*97*	*60-140*			
LCS Analyzed: 08/30/10 (Lab Number:H0H310000135C, Batch: 243135)										
1,1,1-Trichloroethane	27.3		1.1	ug/m3	32	119	70-130			
1,1,2,2-Tetrachloroethane	34.3		1.4	ug/m3	29	83	70-130			
1,1,2-Trichloroethane	27.3		1.1	ug/m3	25	90	70-130			
1,1-Dichloroethane	20.2		0.81	ug/m3	21	105	70-130			
1,1-Dichloroethene	19.8		0.79	ug/m3	21	106	70-130			
1,2,3-Trichloropropane	30.1		3	ug/m3	29	95	60-140			
1,2-Dibromoethane (EDB)	38.4		1.5	ug/m3	36	94	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	35.0		1.4	ug/m3	45	130	60-140			
1,2-Dichloroethane	20.2		0.81	ug/m3	22	110	70-130			
1,2-Dichloropropane	23.1		0.92	ug/m3	20	87	70-130			
1,3-Dichlorobenzene	30.1		1.2	ug/m3	27	89	70-130			
Benzene	16.0		0.64	ug/m3	15	96	70-130			
Bromodichloromethane	33.5		1.3	ug/m3	34	100	70-130			
Bromoform	51.7		2.1	ug/m3	46	89	70-130			
Bromomethane	19.4		0.78	ug/m3	22	114	70-130			
Carbon disulfide	15.6		1.6	ug/m3	16	104	70-130			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
EPA-2 TO-14Ax										
LCS Analyzed: 08/30/10 (Lab Number:H0H310000135C, Batch: 243135)										
Carbon tetrachloride		31.5	1.3	ug/m3	35	111	70-130			
Chlorobenzene		23.0	0.92	ug/m3	21	92	70-130			
Chloroethane		13.2	0.53	ug/m3	14	105	70-130			
Chloroform		24.4	0.98	ug/m3	26	105	70-130			
Chloromethane		10.3	1	ug/m3	13	124	60-140			
cis-1,2-Dichloroethene		19.8	0.79	ug/m3	21	106	70-130			
cis-1,3-Dichloropropene		22.7	0.91	ug/m3	21	92	70-130			
Dibromochloromethane		42.6	1.7	ug/m3	40	93	70-130			
Dibromomethane		35.5	2.8	ug/m3	39	108	70-130			
Dichlorodifluoromethane		24.7	0.99	ug/m3	28	113	60-140			
Ethylbenzene		21.7	0.87	ug/m3	19	88	70-130			
Hexachlorobutadiene		53.3	11	ug/m3	48	90	60-140			
Methylene chloride		17.4	1.7	ug/m3	17	96	70-130			
m-Xylene & p-Xylene		43.4	0.87	ug/m3	39	89	70-130			
o-Xylene		21.7	0.87	ug/m3	19	87	70-130			
Styrene		21.3	0.85	ug/m3	19	88	70-130			
Tetrachloroethene		33.9	1.4	ug/m3	34	100	70-130			
Toluene		18.8	0.75	ug/m3	16	86	70-130			
trans-1,2-Dichloroethene		19.8	0.79	ug/m3	21	107	70-130			
trans-1,3-Dichloropropene		22.7	0.91	ug/m3	21	93	70-130			
Trichloroethene		26.9	1.1	ug/m3	30	113	70-130			
Trichlorofluoromethane		28.1	1.1	ug/m3	33	118	60-140			
Vinyl chloride		12.8	0.51	ug/m3	14	110	70-130			
Surrogate: 4-Bromofluorobenzene				*ug/m3*		*106*	*60-140*			