ARCADIS Design & Consultancy for natural and built assets

New York State Department of Environmental Conservation

GLADDING CORDAGE SITE QUARTERLY REPORT

Second Quarter 2015

November 2015

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Prepared for:

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Contents

TABLES

FIGURES

APPENDICES

ACRONYMS AND ABBREVIATIONS

O&M	operation and maintenance
NYSDEC	New York State Department of Environmental Conservation
VFD	variable frequency drive
HZ	hertz
µg/L	micrograms per liter
1,1,1-TCA	1,1,1-trichloroethane
1,1-DCA	1,2-dichloroethane
1,1-DCE	1,2-dichloroethene
PLC	programmable logic controller
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound
GAP	generally accepted procedure
PDB	passive diffusion bag
Amsl	above mean sea level
Ft	feet

1 INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) has issued a Work Assignment (# D007618-9) to ARCADIS CE, Inc. (Arcadis) for Operation, Maintenance, and Monitoring at the Gladding Cordage Site in New York State (Site # 7-09-009). This Quarterly Report has been prepared in accordance with the NYSDEC-approved Work Plan to summarize site activities and results of the 2015 annual groundwater monitoring event.

2 SITE DESCRIPTION

The Gladding Cordage Site is located on Ridge Road, South Otselic, Chenango County, New York (Figure 2-1), along the western bank of the Otselic River. The site contains an active braided wire and rope manufacturing facility that has been in operation since 1892.

3 OPERATION AND MAINTENANCE

On August 23, 2007, NYSDEC provided a training session to Arcadis personnel on the operation and maintenance (O&M) of the groundwater treatment plant at the Gladding Cordage Site. Since then, Arcadis has maintained operation of the groundwater treatment plant. This includes the operation, maintenance, and influent/effluent sampling in accordance with the NYSDEC O&M manual (Operation and Maintenance Manual, Volume I, Gladding Cordage Site, Site 7-09-009, TAMS Consultants, Inc., 1996) (O&M Manual).

3.1 Treatment Plant Upgrades

3.1.1 Variable Frequency Drive

A variable frequency drive (VFD) was installed on January 9, 2008 to regulate the speed of the air stripper blower motor for reduced energy usage. Following the installation of the VFD, effluent samples were collected at various blower motor frequencies (speeds) including 40 HZ, 50 HZ, and 60 HZ. The analyte 1,1,1-trichloroethane (1,1,1-TCA) was detected at 6 µg/l in the 40 HZ effluent sample but was not detected in the 50 HZ and 60 HZ samples. Following the completion of the January 9, 2008 sampling event the VFD was set to 50 HZ. Additional sampling was conducted in February 2008 to further optimize the treatment system blower speed. Based on the results, the VFD setting was reduced to 42 HZ beginning in March 2008. Based on the detection of low-level VOCs in effluent samples from the treatment system, the VFD setting was subsequently increased to 46 HZ in September 2010 and was maintained at that frequency until November 19, 2014.

Based on a general trend of lower concentrations of VOCs in influent treatment system samples since September 2010, the NYSDEC authorized a reduction of the VFD frequency to 44 HZ in an attempt to further optimize treatment plant operations and reduce electric usage. The VFD frequency was lowered to 44 HZ on November 19, 2014. Following approximately one-half hour of operation, post-treatment effluent samples were collected in accordance with the Work Plan (see Section 3.2.1). Based on a review of post-treatment effluent sample data from November 19, 2014, 1,1,1 TCA and toluene were detected with the air stripper blower operating at 44 HZ, but at concentrations below the corresponding NYSDEC Class GA Standards. The NYSDEC was notified of the VOC detections and the blower motor frequency was subsequently increased to 46 HZ during the next (December 18, 2014) O&M event.

3.1.2 Treatment Plant Controls

In August 2011, the NYSDEC authorized construction and installation of a new treatment plant controls system. The new control system is designed to provide remote access to treatment plant operating parameters and improve reliability of the groundwater remediation system. The treatment plant was shut down to begin repairs and upgrades on January 30, 2012 by Aztech Technologies, Inc. (Aztech). The upgrades to the treatment system controls were completed and the treatment plant resumed operation on March 22, 2012. The treatment plant functions are controlled and monitored using an EOS Research Ltd. ProControl Programmable Logic Controller (PLC). The interface software allows remote connection to the PLC via analog phone line. The PLC and interface software also allows the treatment system to be started or stopped remotely. The PLC is programmed to send a facsimile with the status of system inputs and outputs on a daily basis. If input and/or output device values exceed the defined operating parameters, an

alarm condition is set and the corresponding alarm information is sent via facsimile to the system user (i.e. Arcadis).

3.1.3 Geothermal Heat Exchanger

The NYSDEC authorized the installation of a geothermal heat exchanger to provide climate control (heating and humidity) for the treatment system building. The treatment plant was shut down to begin installation of the geothermal heat exchanger on May 8, 2012 by Aztech. The geothermal heat exchanger installation and testing was completed on May 10, 2012. The heat-exchanger uses groundwater from the treatment plant as a geo-thermal energy source.

3.2 Treatment Plant Operation

As shown on PLC facsimile reports (Appendix A) and O&M Checklist and Operation Logs (Appendix B), the Gladding Cordage groundwater treatment system was restarted on April 1, 2015 to reset the PLC so facsimile service could be restored. The system shut down on May 18 due to a power failure and was restarted remotely on May 22. The system shut down again on June 12, 2015 due to a power interruption but could not be restarted remotely due to no connectivity with the PLC. The system was restarted during the June 22, 2015 site visit and operated without interruption through the remainder of the second quarter.

The average monthly flow rates and total flow volumes for the second quarter 2015 operating period are summarized in Table 3-1. As shown in Table 3-1, the monthly flow rates from recovery wells RW-1 and RW-2 were generally consistent with an average quarterly flow of approximately were 24.3 gpm and 21.5 gpm, respectively. Based on the total flow values, approximately 5.1 million gallons of water were treated between April and June, 2015.

3.3 Treatment System Sampling

Influent and effluent groundwater samples were collected from the Gladding Cordage treatment system in accordance with the Work Plan and submitted to Contest Analytical following chain-of-custody protocols for analysis of volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 624.

The monthly treatment sampling was performed on April 21, 2015; however, the samples were misplaced by FedEx during shipping and did not arrive at the laboratory until after the sample hold-time had expired. As a result the samples were not analyzed. The NYSDEC Project Manager was notified of the issue and indicated that no additional treatment system sampling would be required for April 2015. Analytical Reporting Forms for the May and June 2015 sampling events are provided in Appendix C.

3.3.1 Influent Sample Results

Table 3-2 and Table 3-3 summarize the previous year of influent VOC sample results from recovery wells RW-1 and RW-2, respectively. Figure 3-1 provides a summary of 1,1,1-TCA concentrations in samples from recovery wells RW-1 and RW-2 since September 2007.

Tables 3-2 and 3-3, and Figure 3-1 show that the concentrations of 1,1,1-TCA in the May and June 2015 samples from recovery well RW-1 were 38 µg/L and 41 µg/L, respectively. The concentrations of 1,1,1-

TCA in the samples from RW-2 ranged from 33 µg/L (May 2015) to 48 µg/L (June 2015). These results are within the range of historic concentrations and exceed the corresponding NYSDEC Class GA Standard of 5 µg/L.

As shown in Tables 3-2 and 3-3, 1,1-dichloroethane (1,1-DCA) and 1,1-dichloroethene (1,1-DCE) were detected in the second quarter 2015 samples from recovery wells RW-1 and RW-2. However, consistent with previous results, the concentrations were less than the applicable NYSDEC Class GA Standard of 5 µg/L.

Toluene was detected in the May 2015 sample from RW-1 and RW-2 at the estimated (based on the "J" qualifier) concentration of 0.13 µg/L. As shown in the analytical reporting forms, toluene (0.65 µg/L) and m+p xylene (0.22µg/L) were detected in the May 2015 trip blank. Therefore, it is believed that the toluene detections are not related to the site and are likely laboratory contaminants.

3.3.2 Effluent Sample Results

Table 3-4 summarizes laboratory analytical data for effluent samples collected from the treatment system. As shown in Table 3-4, 1,1,1-TCA was detected in the June 2015 effluent sample at a concentration of 0.22 µg/L, which is less than the corresponding NYSDEC Class GA Standard of 5 µg/L. Toluene was detected at a concentration of 0.12 (estimated) µg/L; however, as indicated in Section 3.3.1, it is surmised that the contaminant is a laboratory contaminant. No other VOCs were detected in the second quarter 2015 effluent samples.

Based on influent sample concentrations and total flow volumes from the Gladding Cordage treatment system, approximately 1.7 pounds of VOCs were removed by the treatment system during the second quarter, 2015. Since the April 2015 treatment samples were not analyzed, the estimated removal mass for April 2015 was based on the March 2015 analytical data.

4 GROUNDWATER MONITORING PROGRAM

The NYSDEC-approved Work Plan stated that groundwater samples would be collected using low-flow sampling techniques and analyzed for VOCs and metals. The NYSDEC later requested to have groundwater samples collected using passive diffusion bags (PDBs). On July 24, 2007, NYSDEC and Arcadis conducted a conference call regarding groundwater sampling protocols and analysis for the site. Since metals cannot be analyzed from PDB samples, NYSDEC authorized groundwater samples to be analyzed for VOCs only.

Figure 4-1 shows the location of the groundwater monitoring wells. Passive diffusion bags were placed in groundwater monitoring wells on April 21, 2015 in accordance with the Generally Acceptable Procedures (GAP) for PDB Samplers (Appendix D). Samples were collected from the PDBs on May 6, 2015 to provide information on groundwater quality and to monitor contaminant migration in the groundwater at the site.

4.1 Well Inspection

Existing on-site groundwater monitoring wells were evaluated for integrity and suitability for groundwater monitoring and water levels. The condition of each well was visually inspected with no significant damage or deficiencies observed. Therefore, no repair or maintenance was required.

4.2 Water Level Survey

Prior to deploying PDBs, water levels were measured to the nearest hundredth of a foot and recorded on a groundwater level data form (Appendix E). Table 4-1 summarizes the groundwater levels and elevations from the site. As shown in Table 4-1, groundwater elevations in groundwater monitoring wells screened in the shallow groundwater monitoring zone ranged from 1205.47 feet (ft) above mean sea level (amsl) to 1207.24 ft amsl; groundwater elevations in monitoring wells screened in the intermediate groundwater monitoring zone ranged from 1204.60 ft amsl to 1208.42 ft amsl; and groundwater elevations in monitoring wells screened in the deep groundwater monitoring zone ranged from 1204.88 ft amsl to 1206.18 ft amsl.

As shown in the groundwater elevation data presented in Table 4-1 (monitoring wells) and Table 4-2 (recovery wells), monitoring well clusters TW-2, TW-5, TW-6, TW-7, and TW-14 had higher groundwater elevations in the shallow monitoring zones compared to the deep monitoring zones (indicating a downward hydraulic gradient). The difference in the hydraulic gradients in the groundwater monitoring locations is likely due to the influence of the groundwater recovery wells.

Shallow, intermediate, and deep potentiometric surface maps are provided on Figure 4-2, Figure 4-3, and Figure 4-4, respectfully. As shown on Figure 4-2, the direction of groundwater flow in the shallow groundwater monitoring zone is generally to the south, toward the Otselic River. As shown on Figures 4-3 and Figure 4-4, groundwater extraction from recovery wells RW-1 and RW-2 has created a cone of depression, with groundwater flows in the immediate source area being directed toward the recovery wells.

4.3 Groundwater Sampling

Groundwater samples were collected from 21 groundwater monitoring wells in accordance with the Work Plan. However, in consultation with NYSDEC, and based on the recommendations provided in the Periodic Review Report (Malcolm Pirnie, 2011), groundwater monitoring wells TW-9I and TW-9D were added to the recommended sampling list due the presence of VOCs at concentrations more than the NYSDEC Class GA Standards in these wells during the 2009 groundwater monitoring event.

Groundwater samples were collected from the monitoring well network using PDBs as requested by NYSDEC and in accordance with the procedure presented in Appendix D. Groundwater monitoring wells sampled during the monitoring event are listed below:

- TW-3S
- TW-3I
- TW-3D
- TW-4I
- TW-5S
- TW-5I
- TW-5D
- TW-6S
- TW-6I
- TW-6D
- TW-7S
- TW-7I
- TW-7D
- TW-9I
- TW-9D
- TW-12I
- TW-12D
- TW-14S
- TW-14I
- TW-14D
- TW-15

Groundwater samples were sent to Contest Analytical by chain-of-custody procedures and analyzed for VOCs by USEPA Method 624. Analytical data packages are provided in Appendix C.

4.4 Groundwater Sampling Results

Groundwater sampling results from the second quarter 2015 sampling event are summarized in Table 4-3. Figure 4-5 shows the distribution of 1,1,1-TCA concentrations in shallow, intermediate and deep wells, respectively. As shown in Figure 4-5, the highest concentrations of 1,1,1- TCA are present in the intermediate wells, specifically TW-4I, TW-14I, and TW-15.

4.4.1 Shallow Groundwater Monitoring Zone

As shown in Table 4-3, VOCs were detected at concentrations greater than the corresponding NYSDEC Class GA Standards in one of the five groundwater samples collected from the shallow groundwater monitoring network. As shown in Table 4-3, the 1,1,1-TCA results from groundwater samples collected at, TW-7S (5.1 µg/L) exceeded the NYSDEC Class GA Standard of 5 µg/L.

VOCs were not detected at concentrations greater than the applicable NYSDEC Class GA Standards in any other groundwater samples collected from the shallow monitoring network during the second quarter 2015 sampling event.

4.4.2 Intermediate Groundwater Monitoring Zone

Table 4-3 shows that the concentrations of 1,1,1-TCA in groundwater samples collected from intermediate groundwater monitoring wells TW-4I (20 µg/L), TW-5I (9.6 µg/L), TW-14I (57 µg/L), and TW-15 (32 µg/L) were greater than the applicable NYSDEC Class GA Standard of 5 µg/L. Table 4-3 shows the concentration of benzene from TW-5I (4.7 µg/L), TW-6I (1.5 µg/L), and TW-15 (13 µg/L) exceeded the NYSDEC Class GA Standard (1 µg/L).

The sample DUP-X was collected from monitoring well TW-15 and submitted as a field duplicate. As shown in Table 4-3, the concentrations of 1,1,1-TCA in sample DUP-X (33 µg/L) and sample TW-15 (32 µg/L) correlate well.

No other VOCs were detected in groundwater samples from intermediate monitoring wells at concentrations greater than the applicable NYSDEC Class GA Standards.

4.4.3 Deep Groundwater Monitoring Zone

As shown in Table 4-3, the concentrations of 1,1,1-TCA exceeded the corresponding NYSDEC Class GA Standard of 5 µg/L in the groundwater samples collected from deep monitoring wells TW-5D (16 µg/L), TW-7D (10 µg/L), and TW-14D (10 µg/L). Table 4-3 shows that these concentrations are consistent with previous sample results from these wells. Table 4-3 shows the concentration of benzene from TW-14D (5.7 µg/L) exceeded the NYSDEC Class GA Standard (1 µg/L).

No other VOCs were detected in groundwater samples collected from the deep monitoring well network at concentrations greater than the applicable NYSDEC Class GA Standard.

5 RECOMMENDATIONS

Based on the data presented herein, there are no recommended changes to site operations at this time.

6 SUMMARY

The Gladding Cordage groundwater treatment system was shut down temporarily on April 1, 2015 in order to re-establish communications with the PLC. The groundwater treatment system was shut down for four days in May 2015 and 10 days in June 2015 due to power interruptions. The average total flow through the treatment system was approximately 46 GPM. Toluene was detected in the May 2015 effluent samples and corresponding Trip Blank and is therefore expected to be potential laboratory contaminant. 1,1,1-TCA, was detected in the June 2015 effluent samples, but at a concentration below the respective NYSDEC Class GA Standard.

With the exception of the 1,1,1-TCA in the June 2015 effluent samples, the treatment successfully removes VOCs from groundwater extracted from the capture zone at the current VFD setting of 46 Hz. The VFD setting will continue to be evaluated based on system monitoring results. Approximately 1.7 pounds of VOCs were removed by the treatment system during the second quarter 2015.

Groundwater samples were collected from 21 groundwater monitoring wells at the Gladding Cordage site in 2015. The concentrations of VOCs in samples collected from the shallow, intermediate, and deep groundwater monitoring zones were generally consistent with results from the 2014 monitoring event. Groundwater samples collected from one shallow, five intermediate, and three deep groundwater monitoring wells contained concentrations of VOCs greater than the applicable NYSDEC Class GA Standards. The maximum concentration of total VOCs (57 µg/L) was in the groundwater sample from intermediate monitoring well TW-14I.

In general, groundwater samples collected from monitoring wells in the immediate vicinity of groundwater recovery wells RW-1 and RW-2 contained the greatest concentrations of VOCs.

Based on the current five-quarter sampling interval, the next groundwater monitoring event is scheduled to occur during the third quarter 2016.

7 REFERENCES

Malcolm Pirnie, 2007, Gladding Cordage Site Work Plan, Site 7-09-009, June, 2007.

Malcolm Pirnie, 2011, Periodic Review Report, Gladding Cordage Site, Site 7-09-009, July 2011.

TAMS Consultants, 1996, Operation and Maintenance Manual, Volume I, Gladding Cordage Site. Site 7-09-009

TABLES

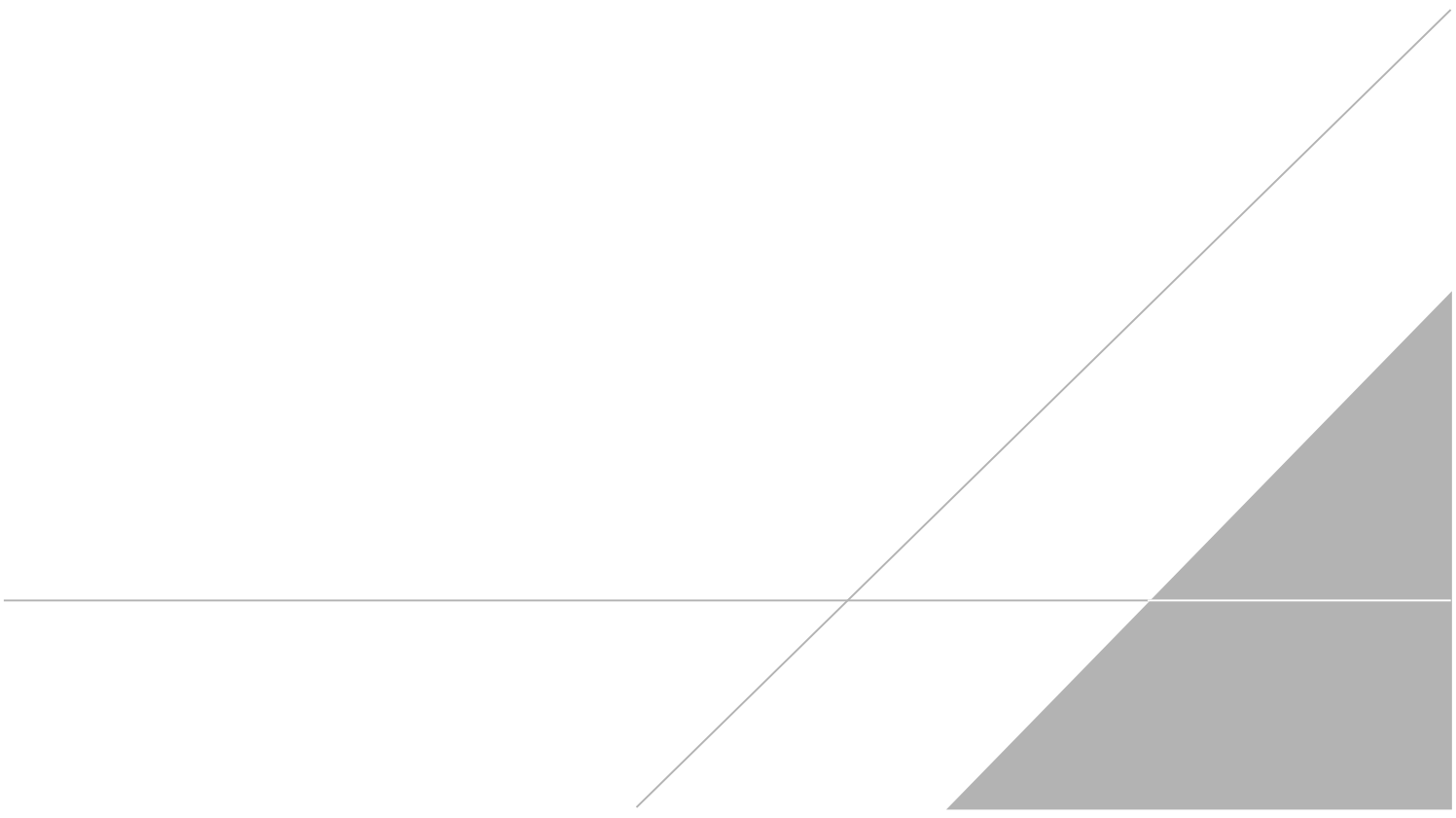

TABLE 3-1
TREATMENT SYSTEM STATUS AND FLOW SUMMARY
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE NO. 7-04-009A

Date	System Operation (days)	System On-time (% of possible days)	Well On-time RW-1 (% possible)	Well On-time RW-2 (% possible)	Flow Rates RW-1 (gpm)	Flow Rates RW-2 (gpm)	Totalizer RW-1 (gallons)	Totalizer RW-2 (gallons)	Recovery Well Total Flows RW-1 (gallons)	Recovery Well Total Flows RW-2 (gallons)	Total System Flow (gallons)	Quarterly Totals (gallons)
August-07	8 (1)	100%	100%	100%	38	24	-		437,760 (3)	276,480 (3)	714,240	
September-07	30	100%	100%	100%	38	25	-		1,641,600 (3)	1,080,000 (3)	2,721,600	3,435,840
October-07	20	65%	100%	100%	38.2	25.7	2,276,270		1,100,160 (3)	740,160 (3)	1,840,320	
November-07	30	100%	67%	100%	39.9	24.9 (2)	3,235,110		958,840 (4)	1,075,680 (3)	2,034,520	6,172,646
December-07	31	100%	39%	100%	31.8	24.9 (2)	4,421,380		1,186,270 (4)	1,111,536 (3)	2,297,806	
January-08	31	100%	100%	100%	31.8	24.9 (2)	5,278,000		856,620 (4)	1,111,536 (3)	1,968,156	
February-08	26	90%	69%	88%	32	24.9 (2)	6,457,610		1,179,610 (4)	820,385 (3)	1,999,995	5,503,499
March-08	23	74%	100%	100%	32.9	24.9 (2)	7,168,270		710,660 (4)	824,688 (3)	1,535,348	
April-08	30	100%	100%	100%	30.8	24.9 (2)	8,219,790		1,051,520 (4)	1,075,680 (3)	2,127,200	
May-08	31	100%	100%	100%	31.3	24.9 (2)	9,458,370		1,238,580 (4)	1,111,536 (3)	2,350,116	6,846,908
June-08	27	90%	100%	100%	30.5	24.9 (2)	10,859,850		1,401,480 (4)	968,112 (3)	2,369,592	
July-08	28	90%	68%	100%	30.1	24.9 (2)	11,889,440		1,029,590 (4)	1,003,968 (3)	2,033,558	
August-08	28	90%	100%	100%	30	24.9 (2)	12,832,500		943,060 (4)	1,003,968 (3)	1,947,028	6,201,456
September-08	30	100%	100%	100%	29.8	24.9 (2)	13,977,690		1,145,190 (4)	1,075,680 (3)	2,220,870	
October-08	31	100%	100%	100%	30	24.9 (2)	15,190,100		1,212,410 (4)	1,111,536 (3)	2,323,946	
November-08	30	100%	100%	100%	31.7	24.9 (2)	16,722,470		1,532,370 (4)	1,075,680 (3)	2,608,050	7,494,552
December-08	31	100%	100%	100%	31.3	24.9 (2)	18,173,490		1,451,020 (4)	1,111,536 (3)	2,562,556	
Total Flow 2007									**5,324,630**	**4,283,856**	**9,608,486**	
Total Flow 2008									**13,752,110**	**12,294,305**	**26,046,415**	

Notes:
1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on average flow from August, September, and October 2008.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
gpm - Gallons per minute

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GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE NO. 7-04-009A

Date	System Operation (days)	System On-time (% of possible days)	Well On-time RW-1 (% possible)	Well On-time RW-2 (% possible)	Flow Rates RW-1 (gpm)	Flow Rates RW-2 (gpm)	Totalizer RW-1 (gallons)	Totalizer RW-2 (gallons)	Recovery Well Total Flows RW-1 (gallons)	Recovery Well Total Flows RW-2 (gallons)	Total System Flow (gallons)	Quarterly Totals (gallons)
January-09	31	100%	100%	100%	31.3	24.9 (2)	19,566,200		1,392,710 (4)	1,111,536 (3)	2,504,246	
February-09	28	100%	100%	100%	30.8	24.9 (2)	20,929,320		1,363,120 (4)	1,003,968 (3)	2,367,088	6,931,910
March-09	31	100%	100%	100%	30.8	24.9 (2)	21,878,360		949,040 (4)	1,111,536 (3)	2,060,576	
April-09	30	100%	100%	100%	31.2	24.9 (2)	23,159,480		1,281,120 (4)	1,075,680 (3)	2,356,800	
May-09	31	100%	100%	100%	31.5	24.9 (2)	25,128,390		1,968,910 (4)	1,111,536 (3)	3,080,446	8,217,156
June-09	30	100%	100%	100%	31.1	24.9 (2)	26,832,620		1,704,230 (4)	1,075,680 (3)	2,779,910	
July-09	28	90%	100%	100%	30.4	24.9 (2)	27,568,640		736,020 (4)	1,003,968 (3)	1,739,988	
August-09	29	94%	100%	100%	30.6	24.9 (2)	28,551,120		982,480 (4)	1,039,824 (3)	2,022,304	5,833,432
September-09	30	100%	100%	100%	30.3	24.9 (2)	29,546,580		995,460 (4)	1,075,680 (3)	2,071,140	
October-09	20	65%	100%	100%	34.1	24.9 (2)	30,909,620		1,363,040 (4)	717,120 (3)	2,080,160	
November-09	29	97%	100%	100%	31.7	24.9 (2)	31,775,760		866,140 (4)	1,039,824 (3)	1,905,964	6,228,096
December-09	27	87%	100%	100%	33.7	24.9 (2)	33,049,620		1,273,860 (4)	968,112 (3)	2,241,972	
January-10	31	100%	100%	100%	29.2	24.9 (2)	34,376,810		1,327,190 (4)	1,111,536 (3)	2,438,726	
February-10	28	100%	100%	100%	34.8	24.9 (2)	36,406,400		2,029,590 (4)	1,003,968 (3)	3,033,558	7,478,090
March-10	31	100%	100%	100%	33	24.9 (2)	37,300,670		894,270 (4)	1,111,536 (3)	2,005,806	
April-10	26	87%	100%	100%	35.2	24.9 (2)	38,443,930		1,143,260 (4)	932,256 (3)	2,075,516	
May-10	28	90%	36%	100%	35.2	24.9 (2)	38,734,170		290,240 (4)	1,003,968 (3)	1,294,208	3,981,724
June-10	17	57%	0%	100%	0	25 (2)	38,734,170		0 (4)	612,000 (3)	612,000	
July-10	18	58%	0%	100%	0	24.9 (2)	NA		0 (3)	645,408 (3)	645,408	
August-10	23	74%	0%	100%	0	24.9 (2)	NA		0 (3)	824,688 (3)	824,688	4,034,736
September-10	30	100%	100%	100%	34.5 (2)	24.9 (2)	NA		1,488,960 (3)	1,075,680 (3)	2,564,640	
October-10	31	100%	100%	90%	33.4 (2)	24.9 (2)	NA		1,489,302 (3)	1,000,382 (3)	2,489,684	
November-10	30	100%	100%	100%	33.4 (2)	24.9 (2)	NA		1,441,260 (3)	1,075,680 (3)	2,516,940	7,271,870
December-10	27	87%	100%	100%	33.4 (2)	24.9 (2)	NA		1,297,134 (3)	968,112 (3)	2,265,246	
Total Flow 2009									**14,876,130**	**12,334,464**	**27,210,594**	
Total Flow 2010									**11,401,206**	**11,365,214**	**22,766,420**	

Notes:
1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on previous average flows or from manual tests.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
gpm - Gallons per minute

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Date	System Operation (days)	System On-time (% of possible days)	Well On-time RW-1 (% possible)	Well On-time RW-2 (% possible)	Flow Rates RW-1 (gpm)	Flow Rates RW-2 (gpm)	Totalizer RW-1 (gallons)	Totalizer RW-2 (gallons)	Recovery Well Total Flows RW-1 (gallons)	Recovery Well Total Flows RW-2 (gallons)	Total System Flow (gallons)	Quarterly Totals (gallons)
January-11	31	100%	100%	100%	33.4 (2)	24.9 (2)			1,489,302 (3)	1,111,536 (3)	2,600,838	
February-11	20	71%	100%	100%	33.4 (2)	24.9 (2)			960,840 (3)	717,120 (3)	1,677,960	6,292,350
March-11	24	77%	100%	100%	33.4 (2)	24.9 (2)			1,153,008 (3)	860,544 (3)	2,013,552	
April-11	27	90%	100%	100%	33.36 (2)	24.9 (2)			1,297,134 (3)	968,112 (3)	2,265,246	
May-11	28	90%	100%	100%	33.36 (2)	24.9 (2)			1,345,176 (3)	1,003,968 (3)	2,349,144	6,544,044
June-11	23	77%	100%	100%	33.36 (2)	24.9 (2)			1,104,966 (3)	824,688 (3)	1,929,654	
July-11	6	19%	100%	100%	33.4 (2)	24.9 (2)			288,576 (3)	215,136 (3)	503,712	
August-11	31	100%	100%	100%	33.4 (2)	24.9 (2)			1,490,976 (3)	1,111,536 (3)	2,602,512	5,592,514
September-11	30	100%	100%	97%	33.4 (2)	24.9 (2)			1,442,880 (3)	1,043,410 (3)	2,486,290	
October-11	28	90%	100%	54%	33.4 (2)	24.9 (2)			1,346,688 (3)	542,143 (3)	1,888,831	
November-11	30	100%	100%	100%	33.4 (2)	24.9 (2)			1,442,880 (3)	1,075,680 (3)	2,518,560	7,009,903
December-11	31	100%	100%	100%	33.4 (2)	24.9 (2)			1,490,976 (3)	1,111,536 (3)	2,602,512	
January-12	30	97%	100%	100%	22.7 (6)	18.0 (6)			980,640 (3)	777,600 (3)	1,758,240	
February-12	0 (5)	0%	0%	0%	0	0	0	0	0	0	0	2,311,830
March-12	10	32%	100%	100%	22.7	18.0	308,309	245,281	308,309 (4)	245,281 (4)	553,590	
April-12	30	100%	100%	100%	22.2	18.2	1,274,180	1,027,406	965,871 (4)	782,125 (4)	1,747,996	
May-12	26	84%	100%	100%	22.8	20.3	2,156,600	1,773,905	882,420 (4)	746,499 (4)	1,628,919	5,130,889
June-12	26	87%	100%	100%	23.6	19.9	3,100,285	2,584,194	943,685 (4)	810,289 (4)	1,753,974	
July-12	20	65%	100%	100%	23.8	19.7	3,770,411	3,157,520	670,126 (4)	573,326 (4)	1,243,452	
August-12	31	100%	100%	100%	23.7	19.4	5,092,016	4,262,219	1,321,605 (4)	1,104,699 (4)	2,426,304	5,540,244
September-12	30	100%	100%	100%	23.5	20.1	6,104,443	5,120,280	1,012,427 (4)	858,061 (4)	1,870,488	
October-12	16	52%	100%	100%	23.4	20.3	6,676,877	5,607,870	572,434 (4)	487,590 (4)	1,060,024	
November-12	30	100%	100%	100%	23.6	19.6	7,769,986	6,536,938	1,093,109 (4)	929,068 (4)	2,022,177	3,956,859
December-12	17	55%	100%	100%	24.3	19.7	8,250,333	6,931,249	480,347 (3)	394,311 (3)	874,658	
Total Flow 2011									**14,853,402**	**10,585,408**	**25,438,810**	
Total Flow 2012									**9,230,973**	**7,708,849**	**16,939,822**	

Notes:
1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on previous average flows or from manual tests.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
5 - System shut down for repairs.
6 - Flow based on March 2012 PLC data.
gpm - Gallons per minute

TABLE 3-1
TREATMENT SYSTEM STATUS AND FLOW SUMMARY
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE NO. 7-04-009A

Date	System Operation (days)	System On-time (% of possible days)	Well On-time RW-1 (% possible)	Well On-time RW-2 (% possible)	Flow Rates RW-1 (gpm)	Flow Rates RW-2 (gpm)	Totalizer RW-1 (gallons)	Totalizer RW-2 (gallons)	Recovery Well Total Flows RW-1 (gallons)	Recovery Well Total Flows RW-2 (gallons)	Total System Flow (gallons)	Quarterly Totals (gallons)
January-13	26	84%	100%	100%	23.1	19.5	9,140,834	7,699,661	890,501	768,412	1,658,913	
February-13	28	100%	100%	100%	22.7	19.4	10,078,542	8,496,541	937,708	796,880	1,734,588	5,239,914
March-13	31	100%	100%	100%	23.2	19.6	11,077,204	9,344,292	998,662	847,751	1,846,413	
April-13	27	90%	100%	100%	23.4	19.7	11,750,528	9,913,754	673,324	569,462	1,242,786	
May-13	30	97%	100%	100%	24.2	19.4	12,984,742	10,944,208	1,234,214	1,030,454	2,264,668	5,371,547
June-13	31	100%	100%	100%	23.2	19.6	14,002,162	11,790,881	1,017,420	846,673	1,864,093	
July-13	26	84%	100%	100%	23.8	19.3	14,893,234	12,513,473	891,072	722,592	1,613,664	
August-13	19	61%	100%	100%	22.9	19.4	15,519,778	13,044,257	626,544	530,784	1,157,328	4,241,225
September-13	20	67%	100%	100%	21.7	19.7	16,291,084	13,743,184	771,306	698,927	1,470,233	
October-13	13	42%	100%	100%	21.3	20.0	16,558,269	14,001,381	267,185	258,197	525,382	
November-13	30	100%	100%	100%	21.6	22.6	17,493,334	14,962,574	935,065	961,193	1,896,258	3,722,666
December-13	20	65%	100%	100%	21.3	22.3	18,132,181	15,624,753	638,847	662,179	1,301,026	
January-14	12	39%	100%	100%	22.2	22.9	18,507,983	16,012,662	375,802	387,909	763,711	
February-14	14	50%	100%	100%	21.8	22.7	18,881,664	16,397,973	373,681	385,311	758,992	2,680,630
March-14	17	55%	100%	100%	22.2	23.2	19,447,410	16,990,154	565,746	592,181	1,157,927	
April-14	15	50%	100%	100%	21.7	23.2	19,914,906	17,482,200	467,496	492,046	959,542	
May-14	31	99%	100%	100%	21.8	22.5	20,883,319	18,490,607	968,413	1,008,407	1,976,820	4,810,632
June-14	29	97%	100%	100%	21.4	21.6	21,800,646	19,447,550	917,327	956,943	1,874,270	
July-14	24	77%	100%	100%	22.5	22.6	22,568,327	20,221,473	767,681	773,923	1,541,604	
August-14	17	55%	100%	100%	22.2	22.5	23,152,553	20,797,422	584,226	575,949	1,160,175	4,053,935
September-14	21	70%	100%	100%	22.5	22.8	23,822,623	21,479,508	670,070	682,086	1,352,156	
October-14	31	100%	100%	100%	22.4	23.0	24,817,777	22,505,592	995,154	1,026,084	2,021,238	
November-14	27	90%	100%	100%	21.9	22.6	25,671,847	23,393,737	854,070	888,145	1,742,215	5,312,917
December-14	24	77%	100%	100%	24.4	22.9	26,465,671	24,149,377	793,824	755,640	1,549,464	
Total Flow 2013									**9,881,848**	**8,693,504**	**18,575,352**	
Total Flow 2014									**8,333,490**	**8,524,624**	**16,858,114**	

Notes:
1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on previous average flows or from manual tests.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
5 - System shut down for repairs.
6 - Flow based on March 2012 PLC data.
gpm - Gallons per minute

TABLE 3-1
TREATMENT SYSTEM STATUS AND FLOW SUMMARY
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE NO. 7-04-009A

Date	System Operation (days)	System On-time (% of possible days)	Well On-time RW-1 (% possible)	Well On-time RW-2 (% possible)	Flow Rates RW-1 (gpm)	Flow Rates RW-2 (gpm)	Totalizer RW-1 (gallons)	Totalizer RW-2 (gallons)	Recovery Well Total Flows RW-1 (gallons)	Recovery Well Total Flows RW-2 (gallons)	Total System Flow (gallons)	Quarterly Totals (gallons)
January-15	30	97%	100%	100%	23.8	22.3	27,482,764	25,089,994	1,017,093	940,617	1,957,710	
February-15	27	96%	100%	100%	21.3	24.1	28,457,483	25,964,709	974,719	874,715	1,849,434	5,839,875
March-15	31	100%	100%	100%	21.7	23.9	29,512,439	26,942,484	1,054,956	977,775	2,032,731	
April-15	30	100%	100%	100%	23.9	21.6	30,572,172	27,868,651	1,059,733	926,167	1,985,900	
May-15	26	84%	100%	100%	23.6	21.1	31,474,040	28,682,253	901,868	813,602	1,715,470	5,125,831
June-15	20	67%	100%	100%	25.3	21.8	32,221,714	29,359,040	747,674	676,787	1,424,461	
Total Flow 2015									**5,756,043**	**5,209,663**	**10,965,706**	

Notes:

1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on previous average flows or from manual tests.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
5 - System shut down for repairs.
6 - Flow based on March 2012 PLC data.
gpm - Gallons per minute

TABLE 3-2
GROUNDWATER TREATMENT SYSTEM VOCS (INFLUENT - RW-1)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	RW-1 6/25/2014 WATER ug/L	RW-1 7/30/2014 WATER ug/L	RW-1 8/21/2014 WATER ug/L	RW-1 9/30/2014 WATER ug/L	RW-1 10/21/2014 WATER ug/L	RW-1 11/19/2014 WATER ug/L	RW-1 12/18/2014 WATER ug/L	RW-1 1/20/2015 WATER ug/L	RW-1 2/25/2015 WATER ug/L	RW-1 3/19/2015 WATER ug/L	RW-1 5/6/2015 WATER ug/L	RW-1 6/22/2015 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	**43**	**42**	**42**	**36**	**43**	**51**	**44**	**43**	**40**	**36**	**38**	**41**
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**0.16**	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
1,1-Dichloroethane	5	**1.6**	**1.6**	**1.6**	**1.5**	**1.6**	**1.8**	**1.5**	**1.8 J**	**1.6 J**	**1.5 J**	2 U	**1.8 J**
1,1-Dichloroethene	5	**0.63**	**0.85**	**0.83**	**0.87**	**1.2**	**2.4**	2.0 U	**1.3 J**	**0.93 J**	**0.89 J**	**0.92 J**	**0.99 J**
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
2-Chloroethyl Vinyl Ether		10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Chloromethane		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.13 J**	2 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
trans-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2 U	2 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U
Total VOCs		45.2	44.5	44.4	38.4	45.8	55.4	45.5	46.1	44.5	38.4	39.1	43.8

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

TABLE 3-3
GROUNDWATER TREATMENT SYSTEM VOCS (INFLUENT - RW-2)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	RW-2 6/25/2014 WATER ug/L	RW-2 7/30/2014 WATER ug/L	RW-2 8/21/2014 WATER ug/L	RW-2 9/29/2014 WATER ug/L	RW-2 10/21/2014 WATER ug/L	RW-2 11/19/2014 WATER ug/L	RW-2 12/18/2014 WATER ug/L	RW-2 1/20/2015 WATER ug/L	RW-2 2/25/2015 WATER ug/L	RW-2 3/19/2015 WATER ug/L	RW-2 5/6/2015 WATER ug/L	RW-2 6/23/2015 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	**38**	**37**	**37**	**32**	**37**	**45**	**37**	**15**	**34**	**31**	**33**	**48**
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	**0.81**	**0.73**	**0.80**	**0.66**	**0.82**	**0.99**	**0.72**	2.0 U	**0.76 J**	**0.69 J**	2.0 U	**1.1 J**
1,1-Dichloroethene	5	**0.62**	**0.63**	**0.62**	**0.76**	**1.3**	**1.4**	**0.93**	**0.38 J**	**0.7 J**	**0.68 J**	**0.72 J**	**1 J**
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Chloroethyl Vinyl Ether		10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.13 J**	2.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		39.4	38.4	38.4	33.4	39.1	47.4	38.7	15.4	35.4	32.4	33.9	50.1

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

TABLE 3-4
GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(46HZ) 6/25/2014 WATER ug/L	EFF(46HZ) 7/30/2014 WATER ug/L	EFF(46HZ) 8/21/2014 WATER ug/L	EFF(46HZ) 9/30/2014 WATER ug/L	EFF(46HZ) 10/21/2014 WATER ug/L	EFF(44HZ) 11/19/2014 WATER ug/L
VOCs							
1,1,1-Trichloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**0.16 J**
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Chloroethyl Vinyl Ether		10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.19 J**
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes
U - Not detected at the indicated concentration.
J - Estimated concentration.

TABLE 3-4
GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(46HZ) 12/18/2014 WATER ug/L	EFF(46HZ) 1/20/2015 WATER ug/L	EFF(46HZ) 2/25/2015 WATER ug/L	EFF(46HZ) 3/19/2015 WATER ug/L	EFF(46HZ) 5/6/2015 WATER ug/L	EFF(46HZ) 6/23/2015 WATER ug/L
VOCs							
1,1,1-Trichloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	**0.22 J**
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Chloroethyl Vinyl Ether		10.0 U	10.0 U	10.0 U	10.0 U	2.0 U	2.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	10.0 U	10.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	**0.12 J**	1.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes
U - Not detected at the indicated concentration.
J - Estimated concentration.

Table 4-1
GROUNDWATER MONITORING WELL WATER LEVEL DATA
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE No. 7-09-009

Well ID	Monitored Interval	Measuring Point Elevation [1] (feet)	6/7/2011		7/10/2012		10/15/2013		4/21/2015	
			DTW (feet)	Elevation (feet amsl)	DTW (feet)	Elevation (feet amsl)	DTW (feet)	Elevation (feet amsl)	DTW (feet)	Elevation (feet amsl)
TW-1	Shallow	1212.71 [4]	7.40	1205.31	8.03	1204.68	7.29	1205.42	5.47	1207.24
TW-2S	Shallow	1212.57 [4]	8.48	1204.09	8.84	1203.73	8.22	1204.35	6.31	1206.26
TW-2I	Intermediate	1212.16 [4]	8.07	1204.09	8.51	1203.65	7.84	1204.32	6.03	1206.13
TW-2D	Deep	1212.26 [4]	8.24	1204.02	8.48	1203.78	7.93	1204.33	6.08	1206.18
TW-3S	Shallow	1213.60	9.74	1203.86	9.91	1203.69	9.40	1204.20	7.83	1205.77
TW-3I	Intermediate	1213.19	9.10	1204.09	9.5	1203.69	8.75	1204.44	8.59	1204.60
TW-3D	Deep	1213.47	9.38	1204.09	9.75	1203.72	9.05	1204.42	7.33	1206.14
TW-4I	Intermediate	1209.96 [2]	6.75	1203.21	7.16	1202.80	5.65	1204.31	5.01	1204.95
TW-5S	Shallow	1211.78	7.93	1203.85	8.38	1203.40	7.60	1204.18	6.04	1205.74
TW-5I	Intermediate	1211.89	8.29	1203.60	8.76	1203.13	8.90	1202.99	6.36	1205.53
TW-5D	Deep	1212.55	9.11	1203.44	9.63	1202.92	8.75	1203.80	7.26	1205.29
TW-6S	Shallow	1210.08 [5]	6.38	1203.70	6.62	1203.46	6.02	1204.06	4.55	1205.53
TW-6I	Intermediate	1210.61 [5]	7.26	1203.35	7.74	1202.87	6.94	1203.67	5.40	1205.21
TW-6D	Deep	1210.36 [5]	7.01	1203.35	7.49	1202.87	6.70	1203.66	5.13	1205.23
TW-7S	Shallow	1213.48	8.83	1204.65	8.5	1204.98	8.70	1204.78	6.88	1206.60
TW-7I	Intermediate	1213.60	9.33	1204.27	9.85	1203.75	9.02	1204.58	7.30	1206.30
TW-7D	Deep	1213.25	9.05	1204.20	9.68	1203.57	8.85	1204.40	7.09	1206.16
TW-9I	Intermediate	1213.75 [4]	9.80	1203.95	10.58	1203.17	9.54	1204.21	7.97	1205.78
TW-9D	Deep	1213.84 [4]	10.11	1203.73	10.78	1203.06	9.93	1203.91	8.30	1205.54
TW-10D	Deep	1209.58 [5]	6.45	1203.13	6.94	1202.64	6.21	1203.37	4.70	1204.88
TW-12I	Intermediate	-	-	-	7.88	-	7.10	-	6.09	-
TW-12D	Deep	-	-	-	7.9	-	7.13	-	6.03	-
TW-14S	Shallow	1210.05 [2]	6.46	1203.59	6.79	1203.26	6.04	1204.01	4.58	1205.47
TW-14I	Intermediate	1210.17 [2]	6.95	1203.22	7.29	1202.88	6.25	1203.92	5.08	1205.09
TW-14D	Deep	1209.98 [2]	6.64	1203.34	7.05	1202.93	6.26	1203.72	4.70	1205.28
TW-15	Intermediate	1212.94 [2]	9.94	1203.00	9.72	1203.22	9.11	1203.83	4.52	1208.42

Notes:
1 - Measuring point elevations from: Operation and Maintenance Manual,
2 - Based on December 2007 survey referenced from TW-5D.
3 - Elevation calculated from water level pressure transducer reading.
4 - Based on June 2009 survey referenced from TW-3S, 5D, and 6D.
5 - Based on September 2010 survey referenced from TW-4I.

Table 4-2
RECOVERY WELL WATER LEVEL DATA
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE No. 7-09-009

Recovery Well ID	Top of Casing Elevation ft amsl	Transducer Cable Length ft	Transducer Elevation ft amsl	10/29/2013		4/21/2015	
				Pumping Level ft above transducer	Elevation ft amsl	Pumping Level ft above transducer	Elevation ft amsl
RW-1	1209.30	40	1169.30	33.04	1202.34	35.49	1204.79
RW-2	1212.20	65	1147.20	54.94	1202.14	57.46	1204.66

Notes:
Top of casing elevation from: Operation and Maintenance Manual, Volume I, Gladding Cordage Site, TAMS Consulting, Inc., 1996.
ft amsl - feet above mean sea level
Pumping level from instrument control panel reading

TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-1 6/25/2009 WATER ug/L	TW-2S 6/25/2009 WATER ug/L	TW-2I 6/25/2009 WATER ug/L	TW-2D 6/25/2009 WATER ug/L	TW-3S 9/6/2007 WATER ug/L	TW-3S 10/17/2008 WATER ug/L	TW-3S 6/25/2009 WATER ug/L	TW-3S 3/23/2010 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	0.4 U	0.4 U	1.4	0.4 U	0.32 U	3.4	0.4 U	**6.2**
1,1-Dichloroethane	*	0.36 U	0.36 U	0.36 U	0.36 U	0.38 U	1 U	0.36 U	1 U
1,1-Dichloroethene	5	0.47 U	0.47 U	0.47 U	0.47 U	0.42 U	1 U	0.47 U	1 U
2-Butanone	50	1.3 U	1.3 U	1.3 U	1.3 U	1.1 U	5 U	1.3 U	5 U
Acetone	50	10	11	9.5	19	2.3 U	5 U	13	14
Benzene	1	0.32 U	0.32 U	0.32 U	0.32 U	0.39 U	1 U	0.32 U	**1.1**
Carbon Tetrachloride	5	0.62 U	0.62 U	0.62 U	0.62 U	1.1 U	1 U	0.62 U	1 U
Chloroethane	5	0.66 U	0.66 U	0.66 U	0.66 U	0.83 U	1 U	0.66 U	1 U
Chloroform	7	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	1 U	0.34 U	1 U
Chloromethane		0.54 U	0.54 U	0.54 U	0.54 U	0.34 U	1 U	0.54 U	1 U
cis-1,2-Dichloroethene	5	0.35 U	0.35 U	0.35 U	0.35 U	0.29 U	1 U	0.35 U	1 U
Tetrachloroethene	5	0.27 U	0.27 U	0.27 U	0.27 U	0.48 U	1 U	0.27 U	1 U
Toluene	5	0.37 U	0.37 U	0.37 U	0.37 U	0.36 U	1 U	0.37 U	1 U
Trichloroethene	5	0.28 U	0.28 U	0.28 U	0.28 U	0.46 U	1 U	0.28 U	1 U

Notes

- Concentration exceeds corresponding NYSDEC Class GA Standard.

* - NYSDEC Principal Organic Contaminant Standard of 5 ug/l applies to this compound.

U - The compound was not detected at the indicated concentration.

J - Compound detected below the reporting limit or Concentration is estimated for TICS.

D - Sample dilluted

TW-X is a duplicate sample collected at TW-15

Blank space indicates sample not analyzed for that compound

TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-3S 6/21/2011 WATER ug/L	TW-3S 7/24/2012 WATER ug/L	TW-3S 10/29/2013 WATER ug/L	TW-3S 5/6/2015 WATER ug/L	TW-3I 9/6/2007 WATER ug/L	TW-3I 10/17/2008 WATER ug/L	TW-3I 6/25/2009 WATER ug/L	TW-3I 3/23/2010 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	4	2	2.9	2	**9.1**	**6.7**	0.4 U	1 U
1,1-Dichloroethane	*	1 U	0.5 U	2 U	2 U	0.38 U	1 U	0.36 U	1 U
1,1-Dichloroethene	5	1 U	0.5 U	2 U	2 U	0.42 U	1 U	0.47 U	1 U
2-Butanone	50	5 U	1.4 J			1.1 U	5 U	1.3 U	5 U
Acetone	50	**64**	12			2.3 U	5 U	16	13
Benzene	1	1 U	0.5 U	1 U	1 U	0.39 U	1 U	0.32 U	1 U
Carbon Tetrachloride	5	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U	1 U
Chloroethane	5	1 U	0.5 U	2 U	2 U	0.83 U	1 U	0.66 U	1 U
Chloroform	7	1 U	0.5 U	2 U	2 U	0.33 U	1 U	0.34 U	1 U
Chloromethane		1 U	0.41 J	2 U	2 U	0.34 U	1 U	0.54 U	1 U
cis-1,2-Dichloroethene	5	1 U	0.5 U			0.29 U	1 U	0.35 U	1 U
Tetrachloroethene	5	1 U	0.5 U	2 U	2 U	0.48 U	1 U	0.27 U	1 U
Toluene	5	1 U	0.5 U	1 U	0.10 J	0.36 U	1 U	0.37 U	1 U
Trichloroethene	5	1 U	0.5 U	2 U	2 U	0.46 U	1 U	0.28 U	1 U

Notes

- Concentration exceeds corresponding NYSDEC Class GA Standard.

* - NYSDEC Principal Organic Contaminant Standard of 5 ug/l applies to this compound.

U - The compound was not detected at the indicated concentration.

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D - Sample dilluted

TW-X is a duplicate sample collected at TW-15

Blank space indicates sample not analyzed for that compound

TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-3I 6/21/2011 WATER ug/L	TW-3I 7/24/2012 WATER ug/L	TW-3I 10/29/2013 WATER ug/L	TW-3I 5/6/2015 WATER ug/L	TW-3D 9/6/2007 WATER ug/L	TW-3D 10/17/2008 WATER ug/L	TW-3D 6/25/2009 WATER ug/L	TW-3D 3/23/2010 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	1 U	**5**	**6.1**	**3.6**	0.32 U	1.3	1.4	1 U
1,1-Dichloroethane	*	1 U	0.5 U	2 U	2 U	0.38 U	1 U	0.36 U	1 U
1,1-Dichloroethene	5	1 U	0.5 U	2 U	2 U	0.42 U	1 U	0.47 U	1 U
2-Butanone	50	5 U	2.6 J			1.1 U	5 U	1.3 U	5 U
Acetone	50	6	14			2.3 U	5 U	11	13
Benzene	1	1 U	0.5 U	1 U	1 U	0.39 U	1 U	0.32 U	0.76 J
Carbon Tetrachloride	5	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U	1 U
Chloroethane	5	1 U	0.5 U	2 U	2 U	0.83 U	1 U	0.66 U	1 U
Chloroform	7	1 U	0.5 U	2 U	2 U	0.33 U	1 U	0.34 U	1 U
Chloromethane		1 U	0.5 U	2 U	2 U	0.34 U	1 U	0.54 U	1 U
cis-1,2-Dichloroethene	5	1 U	0.5 U			0.29 U	1 U	0.35 U	1 U
Tetrachloroethene	5	1 U	0.5 U	2 U	2 U	0.48 U	1 U	0.27 U	1 U
Toluene	5	1 U	0.5 U	1 U	1 U	0.36 U	1 U	0.37 U	1 U
Trichloroethene	5	1 U	0.5 U	2 U	2 U	0.46 U	1 U	0.28 U	1 U

Notes

- Concentration exceeds corresponding NYSDEC Class GA Standard.

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GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-3D 6/21/2011 WATER ug/L	TW-3D 7/24/2012 WATER ug/L	TW-3D 10/29/2013 WATER ug/L	TW-3D 5/6/2015 WATER ug/L	TW-4I 9/6/2007 WATER ug/L	TW-4I 10/17/2008 WATER ug/L	TW-4I 6/25/2009 WATER ug/L	TW-4I 3/23/2010 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	1 U	1.2	2 U	0.96 J	**6.6**	1.1	0.4 U	**23**
1,1-Dichloroethane	*	1 U	0.5 U	2 U	2 U	0.38 U	3.8	3.8	2.5
1,1-Dichloroethene	5	1 U	0.5 U	2 U	2 U	0.42 U	1 U	0.47 U	1 U
2-Butanone	50	5 U	2.7 J			1.1 U	5 U	1.3 U	5 U
Acetone	50	9.5	17			2.3 U	5 U	16	18
Benzene	1	1.9	0.67 J	1 U	1.9	0.39 U	1 U	0.32 U	1 U
Carbon Tetrachloride	5	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U	1 U
Chloroethane	5	1 U	0.5 U	2 U	2 U	0.83 U	1 U	0.66 U	1 U
Chloroform	7	1 U	0.5 U	2 U	2 U	0.33 U	1 U	0.34 U	1 U
Chloromethane		1 U	0.5 U	2 U	2 U	0.34 U	1 U	0.54 U	1 U
cis-1,2-Dichloroethene	5	1 U	0.5 U			0.29 U	1 U	0.35 U	1 U
Tetrachloroethene	5	1 U	0.5 U	2 U	2 U	0.48 U	1 U	0.27 U	1 U
Toluene	5	1 U	0.5 U	1 U	0.11 J	0.36 U	1 U	0.37 U	1 U
Trichloroethene	5	1 U	0.5 U	2 U	2 U	0.46 U	1 U	0.28 U	1 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-4I 6/21/2011 WATER ug/L	TW-4I 7/24/2012 WATER ug/L	TW-4I 10/29/2013 WATER ug/L	TW-4I 5/6/2015 WATER ug/L	TW-5S 9/6/2007 WATER ug/L	TW-5S 10/17/2008 WATER ug/L	TW-5S 6/25/2009 WATER ug/L	TW-5S 3/23/2010 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	**33**	**28**	**23**	**20**	0.32 U	**11**	**13**	**7.4**
1,1-Dichloroethane	*	**5.3**	4.4	4.4	4.1	0.38 U	1 U	0.48 J	1 U
1,1-Dichloroethene	5	1.6	0.5 U	2 U	0.3 J	0.42 U	1 U	0.47 U	1 U
2-Butanone	50	5 U	2.2 J			1.1 U	5 U	1.3 U	5 U
Acetone	50	20	15			2.3 U	5 U	9.2	18
Benzene	1	1 U	0.5 U	1 U	0.15 J	0.39 U	1 U	0.32 U	1 U
Carbon Tetrachloride	5	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U	1 U
Chloroethane	5	2.5	2.8	2.3	1.7 J	0.83 U	1 U	0.66 U	1 U
Chloroform	7	1 U	0.5 U	2 U	2 U	0.33 U	1 U	0.34 U	1 U
Chloromethane		1 U	0.5 U	2 U	2 U	0.34 U	1 U	0.54 U	1 U
cis-1,2-Dichloroethene	5	1 U	0.5 U			0.29 U	1 U	0.35 U	1 U
Tetrachloroethene	5	1 U	0.5 U	2 U	2 U	0.48 U	1 U	0.27 U	1 U
Toluene	5	1 U	0.5 U	1 U	0.11 J	0.36 U	1 U	0.37 U	1 U
Trichloroethene	5	1 U	0.5 U	2 U	2 U	0.46 U	1 U	0.28 U	1 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-5S 6/21/2011 WATER ug/L	TW-5S 7/24/2012 WATER ug/L	TW-5S 10/29/2013 WATER ug/L	TW-5S 5/8/2015 WATER ug/L	TW-5I 9/6/2007 WATER ug/L	TW-5I 10/17/2008 WATER ug/L	TW-5I 6/25/2009 WATER ug/L	TW-5I 3/23/2010 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	**7.9**	**11**	**7.9**	2 J	4.8 J	**8.8**	**90**	**8.6**
1,1-Dichloroethane	*	1 U	0.5 U	2 U	2 U	0.38 U	1	3.5	2.3
1,1-Dichloroethene	5	1 U	0.5 U	2 U	2 U	0.42 U	1 U	0.47 U	1 U
2-Butanone	50	5 U	2.7 J			1.1 U	5 U	1.3 U	5 U
Acetone	50	5 U	14			2.3 U	5 U	13	15
Benzene	1	1 U	0.5 U	1 U	1 U	**6.2**	**3.5**	0.32 U	**32**
Carbon Tetrachloride	5	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U	1 U
Chloroethane	5	1 U	0.5 U	2 U	2 U	0.83 U	1 U	0.66 U	1 U
Chloroform	7	1 U	0.5 U	2 U	2 U	0.33 U	1 U	0.34 U	1 U
Chloromethane		1 U	0.5 U	2 U	2 U	0.34 U	1 U	0.54 U	1 U
cis-1,2-Dichloroethene	5	1 U	0.5 U			0.29 U	1 U	0.35 U	1 U
Tetrachloroethene	5	1 U	0.5 U	2 U	2 U	0.48 U	1 U	0.27 U	1 U
Toluene	5	1 U	0.5 U	1 U	0.16 J	0.36 U	1 U	0.37 U	0.63 J
Trichloroethene	5	1 U	0.5 U	2 U	2 U	0.46 U	1 U	0.28 U	1 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-5I 6/21/2011 WATER ug/L	TW-5I 7/24/2012 WATER ug/L	TW-5I 10/29/2013 WATER ug/L	TW-5I 5/6/2015 WATER ug/L	TW-5D 9/6/2007 WATER ug/L	TW-5D 10/17/2008 WATER ug/L	TW-5D 6/25/2009 WATER ug/L	TW-5D 3/23/2010 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	**5.5**	4.3	4.1	**9.6**	**41**	**28**	**32**	**28**
1,1-Dichloroethane	*	1.7	0.5 U	2 U	0.47 J	0.38 U	1 U	0.36 U	1 U
1,1-Dichloroethene	5	1 U	0.5 U	2 U	0.22 J	0.42 U	1 U	0.47 U	1 U
2-Butanone	50	5 U	2.3 J			1.1 U	5 U	1.3 U	5 U
Acetone	50	18	14			2.3 U	5 U	20	17
Benzene	1	1 U	**4.8**	**1.9**	**4.7**	0.39 U	1 U	0.32 U	1 U
Carbon Tetrachloride	5	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U	1 U
Chloroethane	5	1 U	0.5 U	2 U	2 U	0.83 U	1 U	0.66 U	1 U
Chloroform	7	1 U	0.5 U	2 U	2 U	0.33 U	1 U	0.34 U	1 U
Chloromethane		1 U	0.43 J	2 U	2 U	0.34 U	1 U	0.54 U	1 U
cis-1,2-Dichloroethene	5	1 U	0.5 U			0.29 U	1 U	0.35 U	1 U
Tetrachloroethene	5	1 U	0.5 U	2 U	2 U	0.48 U	1 U	0.27 U	1 U
Toluene	5	1 U	0.44 J	1 U	0.17 J	0.36 U	1 U	0.37 U	1 U
Trichloroethene	5	1 U	0.5 U	2 U	2 U	0.46 U	1 U	0.28 U	1 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-5D 6/21/2011 WATER ug/L	TW-5D 7/24/2012 WATER ug/L	TW-5D 10/29/2013 WATER ug/L	TW-5D 5/6/2015 WATER ug/L	TW-6S 9/6/2007 WATER ug/L	TW-6S 10/17/2008 WATER ug/L	TW-6S 6/25/2009 WATER ug/L
VOCs								
1,1,1-Trichloroethane	5	**25**	**28**	**39**	**16**	0.32 U	0.53 J	0.4 U
1,1-Dichloroethane	*	1 U	0.5 U	2 U	2 U	0.38 U	1 U	0.36 U
1,1-Dichloroethene	5	1.3	0.5 U	2 U	0.29 J	0.42 U	1 U	0.47 U
2-Butanone	50	5 U	2.1 J			1.1 U	5 U	1.3 U
Acetone	50	41	14			2.3 U	5 U	11
Benzene	1	1 U	0.5 U	1 U	1 U	0.39 U	1 U	0.32 U
Carbon Tetrachloride	5	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U
Chloroethane	5	1 U	0.5 U	2 U	2 U	0.83 U	1 U	0.66 U
Chloroform	7	1 U	0.5 U	2 U	2 U	0.33 U	1.6	1
Chloromethane		1 U	0.5 U	2 U	2 U	0.34 U	1 U	0.54 U
cis-1,2-Dichloroethene	5	1 U	0.5 U			0.29 U	1 U	0.35 U
Tetrachloroethene	5	1 U	0.5 U	2 U	2 U	0.48 U	1 U	0.27 U
Toluene	5	1 U	0.5 U	1 U	0.12 J	0.36 U	1 U	0.37 U
Trichloroethene	5	1 U	0.5 U	2 U	2 U	0.46 U	1 U	0.28 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-6S 3/23/2010 WATER ug/L	TW-6S 6/21/2011 WATER ug/L	TW-6S 7/24/2012 WATER ug/L	TW-6S 10/29/2013 WATER ug/L	TW-6S 5/6/2015 WATER ug/L	TW-6I 9/6/2007 WATER ug/L	TW-6I 10/17/2008 WATER ug/L	TW-6I 6/25/2009 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	1 U	1 U	0.5 U	2 U	2 U	0.32 U	1.3	0.4 U
1,1-Dichloroethane	*	1 U	1 U	0.5 U	2 U	2 U	0.38 U	1 U	0.36 U
1,1-Dichloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.42 U	1 U	0.47 U
2-Butanone	50	5 U	5 U	2.3 J			1.1 U	5 U	1.3 U
Acetone	50	15	17	12			2.3 U	4.4 J	11
Benzene	1	1 U	1 U	0.5 U	1 U	1 U	0.39 U	1 U	0.32 U
Carbon Tetrachloride	5	1 U	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U
Chloroethane	5	1 U	1 U	0.5 U	2 U	2 U	0.83 U	1 U	0.66 U
Chloroform	7	1.1	1.2	4.7	8.6	1.4 J	0.33 U	1 U	0.34 U
Chloromethane		1 U	1 U	0.5 U	2 U	2 U	0.34 U	1 U	0.54 U
cis-1,2-Dichloroethene	5	1 U	1 U	0.5 U			0.29 U	4.1	0.35 U
Tetrachloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.48 U	2.4	0.27 U
Toluene	5	1 U	1 U	0.5 U	1 U	1 U	0.36 U	1 U	0.37 U
Trichloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.46 U	1.2	0.28 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-6I 3/23/2010 WATER ug/L	TW-6I 6/21/2011 WATER ug/L	TW-6I 7/24/2012 WATER ug/L	TW-6I 10/29/2013 WATER ug/L	TW-6I 5/6/2015 WATER ug/L	TW-6D 9/6/2007 WATER ug/L
VOCs							
1,1,1-Trichloroethane	5	1 U	1 U	3.2	2.2	2.4	0.32 U
1,1-Dichloroethane	*	1 U	1 U	0.5 U	2 U	2 U	0.38 U
1,1-Dichloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.42 U
2-Butanone	50	5 U	5 U	2.1 J			1.1 U
Acetone	50	18	14	16			2.3 U
Benzene	1	0.99 J	1.1	0.5 U	1 U	**1.5**	0.39 U
Carbon Tetrachloride	5	1 U	1 U	0.5 U	2 U	2 U	1.1 U
Chloroethane	5	1 U	1 U	0.5 U	2 U	2 U	0.83 U
Chloroform	7	1 U	1 U	0.5 U	2 U	2 U	0.33 U
Chloromethane		1 U	1 U	0.5 U	2 U	2 U	0.34 U
cis-1,2-Dichloroethene	5	1 U	1 U	0.5 U			0.29 U
Tetrachloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.48 U
Toluene	5	1 U	1 U	0.5 U	1 U	0.15 J	0.36 U
Trichloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.46 U

Notes

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D - Sample dilluted

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Blank space indicates sample not analyzed for that compound

TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-6D 10/17/2008 WATER ug/L	TW-6D 6/25/2009 WATER ug/L	TW-6D 3/23/2010 WATER ug/L	TW-6D 6/21/2011 WATER ug/L	TW-6D 7/24/2012 WATER ug/L	TW-6D 10/29/2013 WATER ug/L	TW-6D 5/6/2015 WATER ug/L
VOCs								
1,1,1-Trichloroethane	5	1 U	0.4 U	1 U	1 U	0.5 U	2 U	2 U
1,1-Dichloroethane	*	1 U	0.36 U	1 U	1 U	0.5 U	2 U	2 U
1,1-Dichloroethene	5	1 U	0.47 U	1 U	1 U	0.5 U	2 U	2 U
2-Butanone	50	5 U	1.3 U	5 U	5 U	1.9 J		
Acetone	50	5 U	21	9.5	16	13		
Benzene	1	1 U	1	1 U	1 U	0.5 U	1 U	1 U
Carbon Tetrachloride	5	1 U	0.62 U	1 U	1 U	0.5 U	2 U	2 U
Chloroethane	5	1 U	0.66 U	1 U	1 U	0.5 U	2 U	2 U
Chloroform	7	1 U	0.34 U	1 U	1 U	0.5 U	2 U	2 U
Chloromethane		1 U	0.54 U	1 U	1 U	0.5 U	2 U	2 U
cis-1,2-Dichloroethene	5	1 U	0.35 U	1 U	1 U	0.5 U		
Tetrachloroethene	5	1 U	0.27 U	1 U	1 U	0.5 U	2 U	2 U
Toluene	5	1 U	0.37 U	1 U	1 U	0.5 U	1 U	0.11 J
Trichloroethene	5	1 U	0.28 U	1 U	1 U	0.5 U	2 U	2 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-7S 9/6/2007 WATER ug/L	TW-7S 10/17/2008 WATER ug/L	TW-7S 6/25/2009 WATER ug/L	TW-7S 3/23/2010 WATER ug/L	TW-7S 6/21/2011 WATER ug/L	TW-7S 7/24/2012 WATER ug/L	TW-7S 10/29/2013 WATER ug/L	TW-7S 5/6/2015 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	**8.2**	**18**	**7.8**	**6.8**	5	**11**	**12**	**5.1**
1,1-Dichloroethane	*	0.38 U	1 U	0.36 U	1 U	1 U	0.5 U	2 U	2 U
1,1-Dichloroethene	5	0.42 U	1 U	0.47 U	1 U	1 U	0.5 U	2 U	2 U
2-Butanone	50	1.1 U	5 U	1.3 U	5 U	5 U	2.9 J		
Acetone	50	2.3 U	3.3 J	22	12	19	15		
Benzene	1	0.39 U	1 U	0.32 U	1 U	1 U	0.5 U	1 U	1 U
Carbon Tetrachloride	5	1.1 U	2.6	0.62 U	1 U	1 U	0.5 U	2 U	2 U
Chloroethane	5	0.83 U	1 U	0.66 U	1 U	1 U	0.5 U	2 U	2 U
Chloroform	7	0.33 U	1 U	0.34 U	1 U	1 U	0.5 U	2 U	2 U
Chloromethane		0.34 U	1 U	0.54 U	1 U	1 U	0.5 U	2 U	2 U
cis-1,2-Dichloroethene	5	0.29 U	1 U	0.35 U	1 U	1 U	0.5 U		
Tetrachloroethene	5	0.48 U	1 U	0.27 U	1 U	1 U	0.5 U	2 U	2 U
Toluene	5	0.36 U	1 U	0.37 U	1 U	1 U	0.5 U	1 U	1 U
Trichloroethene	5	0.46 U	1 U	0.28 U	1 U	1 U	0.5 U	2 U	2 U

Notes

- Concentration exceeds corresponding NYSDEC Class GA Standard.

* - NYSDEC Principal Organic Contaminant Standard of 5 ug/l applies to this compound.

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D - Sample dilluted

TW-X is a duplicate sample collected at TW-15

Blank space indicates sample not analyzed for that compound

TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-7I 9/6/2007 WATER ug/L	TW-7I 10/17/2008 WATER ug/L	TW-7I 6/25/2009 WATER ug/L	TW-7I 3/23/2010 WATER ug/L	TW-7I 6/21/2011 WATER ug/L	TW-7I 7/24/2012 WATER ug/L	TW-7I 10/29/2013 WATER ug/L	TW-7I 5/6/2015 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	0.32 U	1.5	0.4 U	2.2	0.69 J	1.6	2 U	1.1 J
1,1-Dichloroethane	*	0.38 U	1 U	0.36 U	1 U	1 U	0.5 U	2 U	2 U
1,1-Dichloroethene	5	0.42 U	1 U	0.47 U	1 U	1 U	0.5 U	2 U	2 U
2-Butanone	50	1.1 U	5 U	1.3 U	5 U	5 U	1.8 J		
Acetone	50	2.3 U	5 U	15	17	21	11		
Benzene	1	0.39 U	1 U	0.32 U	1 U	1 U	0.5 U	1 U	1 U
Carbon Tetrachloride	5	1.1 U	1 U	0.62 U	1 U	1 U	0.5 U	2 U	2 U
Chloroethane	5	0.83 U	1 U	0.66 U	1 U	1 U	0.5 U	2 U	2 U
Chloroform	7	0.33 U	1 U	0.34 U	1 U	1 U	0.5 U	2 U	2 U
Chloromethane		0.34 U	1 U	0.54 U	1 U	1 U	0.5 U	2 U	2 U
cis-1,2-Dichloroethene	5	0.29 U	1 U	0.35 U	1 U	1 U	0.5 U		
Tetrachloroethene	5	0.48 U	1 U	0.27 U	1 U	1 U	0.5 U	2 U	2 U
Toluene	5	0.36 U	1 U	0.37 U	1 U	1 U	0.5 U	1 U	0.11 J
Trichloroethene	5	0.46 U	1 U	0.28 U	1 U	1 U	0.5 U	2 U	2 U

Notes

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GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-7D 9/6/2007 WATER ug/L	TW-7D 10/17/2008 WATER ug/L	TW-7D 6/25/2009 WATER ug/L	TW-7D 3/23/2010 WATER ug/L	TW-7D 6/21/2011 WATER ug/L	TW-7D 7/24/2012 WATER ug/L	TW-7D 10/29/2013 WATER ug/L	TW-7D 5/6/2015 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	**21**	3.8	**9.1**	**5.2**	4.5	4.4	**5.9**	**10**
1,1-Dichloroethane	*	0.38 U	1 U	0.36 U	1 U	1 U	0.5 U	2 U	2 U
1,1-Dichloroethene	5	4.8 J	1 U	0.47 U	1 U	1 U	0.5 U	2 U	2 U
2-Butanone	50	1.1 U	5 U	1.3 U	5 U	5 U	2.4 J		
Acetone	50	2.3 U	5 U	17	18	14	13		
Benzene	1	0.39 U	1 U	0.32 U	1 U	1 U	0.5 U	1 U	1 U
Carbon Tetrachloride	5	1.1 U	1 U	0.62 U	1 U	1 U	0.5 U	2 U	2 U
Chloroethane	5	0.83 U	1 U	0.66 U	1 U	1 U	0.5 U	2 U	2 U
Chloroform	7	0.33 U	1 U	0.34 U	1 U	1 U	0.5 U	2 U	2 U
Chloromethane		0.34 U	1 U	0.54 U	1 U	1 U	0.5 U	2 U	2 U
cis-1,2-Dichloroethene	5	0.29 U	1 U	0.35 U	1 U	1 U	0.5 U		
Tetrachloroethene	5	0.48 U	1 U	0.27 U	1 U	1 U	0.5 U	2 U	2 U
Toluene	5	0.36 U	1 U	0.37 U	1 U	1 U	0.5 U	1 U	1 U
Trichloroethene	5	0.46 U	1 U	0.28 U	1 U	1 U	0.5 U	2 U	2 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-9I 6/25/2009 WATER ug/L	TW-9I 3/23/2010 WATER ug/L	TW-9I 6/21/2011 WATER ug/L	TW-9I 7/24/2012 WATER ug/L	TW-9I 10/29/2013 WATER ug/L	TW-9I 5/6/2015 WATER ug/L	TW-9D 6/25/2009 WATER ug/L	TW-9D 3/23/2010 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	**5.5**	4.3	4.2	4.2	4	3	0.4 U	1 U
1,1-Dichloroethane	*	0.36 U	1 U	1 U	0.5 U	2 U	2 U	0.36 U	1 U
1,1-Dichloroethene	5	0.47 U	1 U	1 U	0.5 U	2 U	2 U	0.47 U	1 U
2-Butanone	50	1.3 U	5 U	5 U	2.6 J			1.3 U	5 U
Acetone	50	17	14	19	16			9.1	13
Benzene	1	0.32 U	1 U	1 U	0.5 U	1 U	1 U	0.32 U	1 U
Carbon Tetrachloride	5	0.62 U	1 U	1 U	0.5 U	2 U	2 U	0.62 U	1 U
Chloroethane	5	0.66 U	1 U	1 U	0.5 U	2 U	2 U	0.66 U	1 U
Chloroform	7	0.34 U	1 U	1 U	0.5 U	2 U	2 U	0.34 U	1 U
Chloromethane		0.54 U	1 U	1 U	0.41 J	2 U	2 U	0.54 U	1 U
cis-1,2-Dichloroethene	5	0.35 U	1 U	1 U	0.5 U			0.35 U	1 U
Tetrachloroethene	5	0.27 U	1 U	1 U	0.5 U	2 U	2 U	0.27 U	1 U
Toluene	5	0.37 U	1 U	1 U	0.5 U	1 U	1 U	0.37 U	1 U
Trichloroethene	5	0.28 U	1 U	1 U	0.5 U	2 U	2 U	0.28 U	1 U

Notes

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SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-9D 6/21/2011 WATER ug/L	TW-9D 7/24/2012 WATER ug/L	TW-9D 10/29/2013 WATER ug/L	TW-9D 5/6/2015 WATER ug/L	TW-10D 6/25/2009 WATER ug/L	TW-12I 9/6/2007 WATER ug/L	TW-12I 10/17/2008 WATER ug/L	TW-12I 6/25/2009 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	1 U	0.5 U	2 U	2 U	0.53 J	0.32 U	1 U	0.4 U
1,1-Dichloroethane	*	1 U	0.5 U	2 U	2 U	0.36 U	0.38 U	1 U	0.36 U
1,1-Dichloroethene	5	1 U	0.5 U	2 U	2 U	0.47 U	0.42 U	1 U	0.47 U
2-Butanone	50	5 U	1.9 J			1.3 U	1.1 U	5 U	1.3 U
Acetone	50	3.6 J	14			19	2.3 U	5 U	10
Benzene	1	1 U	0.5 U	1 U	1 U	0.32 U	0.39 U	1 U	0.32 U
Carbon Tetrachloride	5	1 U	0.5 U	2 U	2 U	0.62 U	1.1 U	1 U	0.62 U
Chloroethane	5	1 U	0.5 U	2 U	2 U	0.66 U	0.83 U	1 U	0.66 U
Chloroform	7	1 U	0.5 U	2 U	2 U	0.34 U	0.33 U	1 U	0.34 U
Chloromethane		1 U	0.4 J	2 U	2 U	0.54 U	0.34 U	1 U	0.54 U
cis-1,2-Dichloroethene	5	1 U	0.5 U			0.35 U	0.29 U	1 U	0.35 U
Tetrachloroethene	5	1 U	0.5 U	2 U	2 U	0.27 U	0.48 U	1 U	0.27 U
Toluene	5	1 U	0.5 U	1 U	1 U	0.37 U	0.36 U	1 U	0.37 U
Trichloroethene	5	1 U	0.5 U	2 U	2 U	0.28 U	0.46 U	1 U	0.28 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-12I 3/23/2010 WATER ug/L	TW-12I 6/21/2011 WATER ug/L	TW-12I 7/24/2012 WATER ug/L	TW-12I 10/29/2013 WATER ug/L	TW-12I 5/6/2015 WATER ug/L	TW-12D 9/6/2007 WATER ug/L	TW-12D 6/25/2009 WATER ug/L	TW-12D 3/23/2010 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	1 U	1 U	0.5 U	2 U	2 U	0.32 U	0.4 U	1 U
1,1-Dichloroethane	*	1 U	1 U	0.5 U	2 U	2 U	0.38 U	0.36 U	1 U
1,1-Dichloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.42 U	0.47 U	1 U
2-Butanone	50	5 U	5 U	1.8 J			1.1 U	1.3 U	5 U
Acetone	50	21	13	12			2.3 U	14	13
Benzene	1	1 U	1 U	0.5 U	1 U	1 U	0.39 U	0.32 U	1 U
Carbon Tetrachloride	5	1 U	1 U	0.5 U	2 U	2 U	1.1 U	0.62 U	1 U
Chloroethane	5	1 U	1 U	0.5 U	2 U	2 U	0.83 U	0.66 U	1 U
Chloroform	7	1 U	1 U	0.5 U	2 U	2 U	0.33 U	0.34 U	1 U
Chloromethane		1 U	1 U	0.43 J	2 U	2 U	0.34 U	0.54 U	1 U
cis-1,2-Dichloroethene	5	1 U	1 U	0.5 U			0.29 U	0.35 U	1 U
Tetrachloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.48 U	0.27 U	1 U
Toluene	5	1 U	1 U	0.5 U	1 U	1 U	0.36 U	0.37 U	1 U
Trichloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.46 U	0.28 U	1 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-12D 6/21/2011 WATER ug/L	TW-12D 7/24/2012 WATER ug/L	TW-12D 10/29/2013 WATER ug/L	TW-12D 5/6/2015 WATER ug/L	TW-14S 9/6/2007 WATER ug/L	TW-14S 10/17/2008 WATER ug/L	TW-14S 6/25/2009 WATER ug/L	TW-14S 3/23/2010 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	1 U	0.5 U	2 U	2 U	0.32 U	**68**	0.4 U	**16**
1,1-Dichloroethane	*	1 U	0.5 U	2 U	2 U	0.38 U	**5.8**	1.2	0.64 J
1,1-Dichloroethene	5	1 U	0.5 U	2 U	2 U	0.42 U	1 U	0.47 U	1 U
2-Butanone	50	5 U	2.8 J			1.1 U	5 U	1.3 U	5 U
Acetone	50	11	18			2.3 U	5 U	14	16
Benzene	1	1 U	0.5 U	1 U	1 U	0.39 U	1 U	0.32 U	1 U
Carbon Tetrachloride	5	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U	1 U
Chloroethane	5	1 U	0.5 U	2 U	2 U	0.83 U	1 U	0.66 U	1 U
Chloroform	7	1 U	0.5 U	2 U	2 U	0.33 U	1 U	0.34 U	1 U
Chloromethane		1 U	0.5 U	2 U	2 U	0.34 U	1 U	0.54 U	1 U
cis-1,2-Dichloroethene	5	1 U	0.5 U			0.29 U	1 U	0.35 U	1 U
Tetrachloroethene	5	1 U	0.5 U	2 U	2 U	0.48 U	1 U	0.27 U	1 U
Toluene	5	1 U	0.5 U	1 U	1 U	0.36 U	1 U	0.37 U	1 U
Trichloroethene	5	1 U	0.5 U	2 U	2 U	0.46 U	1 U	0.28 U	1 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-14S 6/21/2011 WATER ug/L	TW-14S 7/24/2012 WATER ug/L	TW-14S 10/29/2013 WATER ug/L	TW-14S 5/6/2015 WATER ug/L	TW-14I 9/6/2007 WATER ug/L	TW-14I 10/17/2008 WATER ug/L	TW-14I 6/25/2009 WATER ug/L
VOCs								
1,1,1-Trichloroethane	5	**12**	**21**	**10**	4.5	**39**	**95**	**83**
1,1-Dichloroethane	*	0.55 J	0.95 J	2 U	2 U	0.38 U	2.8	3.2
1,1-Dichloroethene	5	0.67 J	0.5 U	2 U	2 U	3.7 J	1.5	0.47 U
2-Butanone	50	5 U	2 J			1.1 U	5 U	1.3 U
Acetone	50	18	14			2.3 U	5 U	13
Benzene	1	1 U	0.5 U	1 U	1 U	0.39 U	1 U	0.32 U
Carbon Tetrachloride	5	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U
Chloroethane	5	1 U	0.5 U	2 U	2 U	0.83 U	1 U	0.66 U
Chloroform	7	1 U	0.5 U	2 U	2 U	0.33 U	1 U	0.34 U
Chloromethane		1 U	0.5 U	2 U	2 U	0.34 U	1 U	0.54 U
cis-1,2-Dichloroethene	5	1 U	0.5 U			0.29 U	1 U	0.35 U
Tetrachloroethene	5	1 U	0.5 U	2 U	2 U	0.48 U	1 U	0.27 U
Toluene	5	1 U	0.5 U	1 U	0.15 J	0.36 U	1 U	0.37 U
Trichloroethene	5	1 U	0.5 U	2 U	2 U	0.46 U	1 U	0.28 U

Notes

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TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-14I 3/23/2010 WATER ug/L	TW-14I 6/21/2011 WATER ug/L	TW-14I 7/24/2012 WATER ug/L	TW-14I 10/29/2013 WATER ug/L	TW-14I 5/6/2015 WATER ug/L	TW-14D 9/6/2007 WATER ug/L	TW-14D 10/17/2008 WATER ug/L	TW-14D 6/25/2009 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	**82**	**87**	**76**	**59**	**57**	**42**	**18**	0.4 U
1,1-Dichloroethane	*	3.2	3.5	2.6	2.1	2 J	0.38 U	1 U	0.36 U
1,1-Dichloroethene	5	2.1	4.4	1.4	2 U	1.1 J	**7.2**	1 U	0.47 U
2-Butanone	50	5 U	5 U	2.2 J			1.1 U	5 U	1.3 U
Acetone	50	17	20	16			2.3 U	5 U	15
Benzene	1	1 U	1 U	0.5 U	1 U	1 U	0.39 U	1 U	0.32 U
Carbon Tetrachloride	5	1 U	1 U	0.5 U	2 U	2 U	1.1 U	1 U	0.62 U
Chloroethane	5	1 U	1 U	0.5 U	2 U	2 U	0.83 U	1 U	0.66 U
Chloroform	7	1 U	1 U	0.5 U	2 U	2 U	0.33 U	1 U	0.34 U
Chloromethane		1 U	1 U	0.5 U	2 U	2 U	0.34 U	1 U	0.54 U
cis-1,2-Dichloroethene	5	1 U	1 U	0.5 U			0.29 U	1 U	0.35 U
Tetrachloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.48 U	1 U	0.27 U
Toluene	5	1 U	1 U	0.5 U	1 U	1 U	0.36 U	1 U	0.37 U
Trichloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.46 U	1 U	0.28 U

Notes

- Concentration exceeds corresponding NYSDEC Class GA Standard.

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D - Sample dilluted

TW-X is a duplicate sample collected at TW-15

Blank space indicates sample not analyzed for that compound

TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-14D 3/23/2010 WATER ug/L	TW-14D 6/21/2011 WATER ug/L	TW-14D 7/24/2012 WATER ug/L	TW-14D 10/29/2013 WATER ug/L	TW-14D 5/6/2015 WATER ug/L	TW-15 9/6/2007 WATER ug/L
VOCs							
1,1,1-Trichloroethane	5	**9.1**	**12**	**11**	**56**	**10**	**17**
1,1-Dichloroethane	*	1 U	1 U	0.5 U	2 U	2 U	0.38 U
1,1-Dichloroethene	5	1 U	0.67 J	0.5 U	2 U	2 U	4.6 J
2-Butanone	50	5 U	5 U	2.2 J			1.1 U
Acetone	50	18	25	17			2.3 U
Benzene	1	1 U	1 U	0.5 U	1 U	**5.7**	0.39 U
Carbon Tetrachloride	5	1 U	1 U	0.5 U	2 U	2 U	1.1 U
Chloroethane	5	1 U	1 U	0.5 U	2 U	2 U	0.83 U
Chloroform	7	1 U	1 U	0.5 U	2 U	2 U	0.33 U
Chloromethane		1 U	1 U	0.5 U	2 U	2 U	0.34 U
cis-1,2-Dichloroethene	5	1 U	1 U	0.5 U			0.29 U
Tetrachloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.48 U
Toluene	5	1 U	1 U	0.5 U	1 U	1 U	0.36 U
Trichloroethene	5	1 U	1 U	0.5 U	2 U	2 U	0.46 U

Notes

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D - Sample dilluted

TW-X is a duplicate sample collected at TW-15

Blank space indicates sample not analyzed for that compound

TABLE 4-3
SUMMARY OF GROUNDWATER DETECTIONS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	TW-15 10/17/2008 WATER ug/L	TW-15 6/25/2009 WATER ug/L	TW-15 3/23/2010 WATER ug/L	TW-15 6/21/2011 WATER ug/L	TW-15 7/24/2012 WATER ug/L	TW-15 10/29/2013 WATER ug/L	TW-15 5/6/2015 WATER ug/L	DUP-X 5/6/2015 WATER ug/L
VOCs									
1,1,1-Trichloroethane	5	**84 D**	**95**	**97**	**89**	**85**	**9.4**	**32**	**33**
1,1-Dichloroethane	*	3.3	3.4	4.1	3.8	3.4	2 U	1.6	1.6 J
1,1-Dichloroethene	5	2	1.8	2.7	**5.9**	2	2 U	0.93	0.95 J
2-Butanone	50	5 U	1.3 U	5 U	5 U	2.9 J			
Acetone	50	5 U	9.7	15	35	17			
Benzene	1	1 U	0.32 U	1 U	1 U	0.5 U	1 U	**13**	**13**
Carbon Tetrachloride	5	1 U	0.62 U	1 U	1 U	0.5 U	2 U	2 U	2 U
Chloroethane	5	1 U	0.66 U	1 U	1 U	0.5 U	2 U	2 U	2 U
Chloroform	7	1 U	0.34 U	1 U	1 U	0.5 U	2 U	2 U	2 U
Chloromethane		1 U	0.54 U	1 U	1 U	0.48 J	2 U	2 U	2 U
cis-1,2-Dichloroethene	5	1 U	0.35 U	1 U	1 U	0.5 U			
Tetrachloroethene	5	1 U	0.27 U	1 U	1 U	0.5 U	2 U	2 U	2 U
Toluene	5	1 U	0.37 U	1 U	1 U	0.5 U	1 U	1 U	1 U
Trichloroethene	5	1 U	0.28 U	1 U	1 U	0.5 U	2 U	2 U	2 U

Notes

- Concentration exceeds corresponding NYSDEC Class GA Standard.

* - NYSDEC Principal Organic Contaminant Standard of 5 ug/l applies to this compound.

U - The compound was not detected at the indicated concentration.

J - Compound detected below the reporting limit or Concentration is estimated for TICS.

D - Sample dilluted

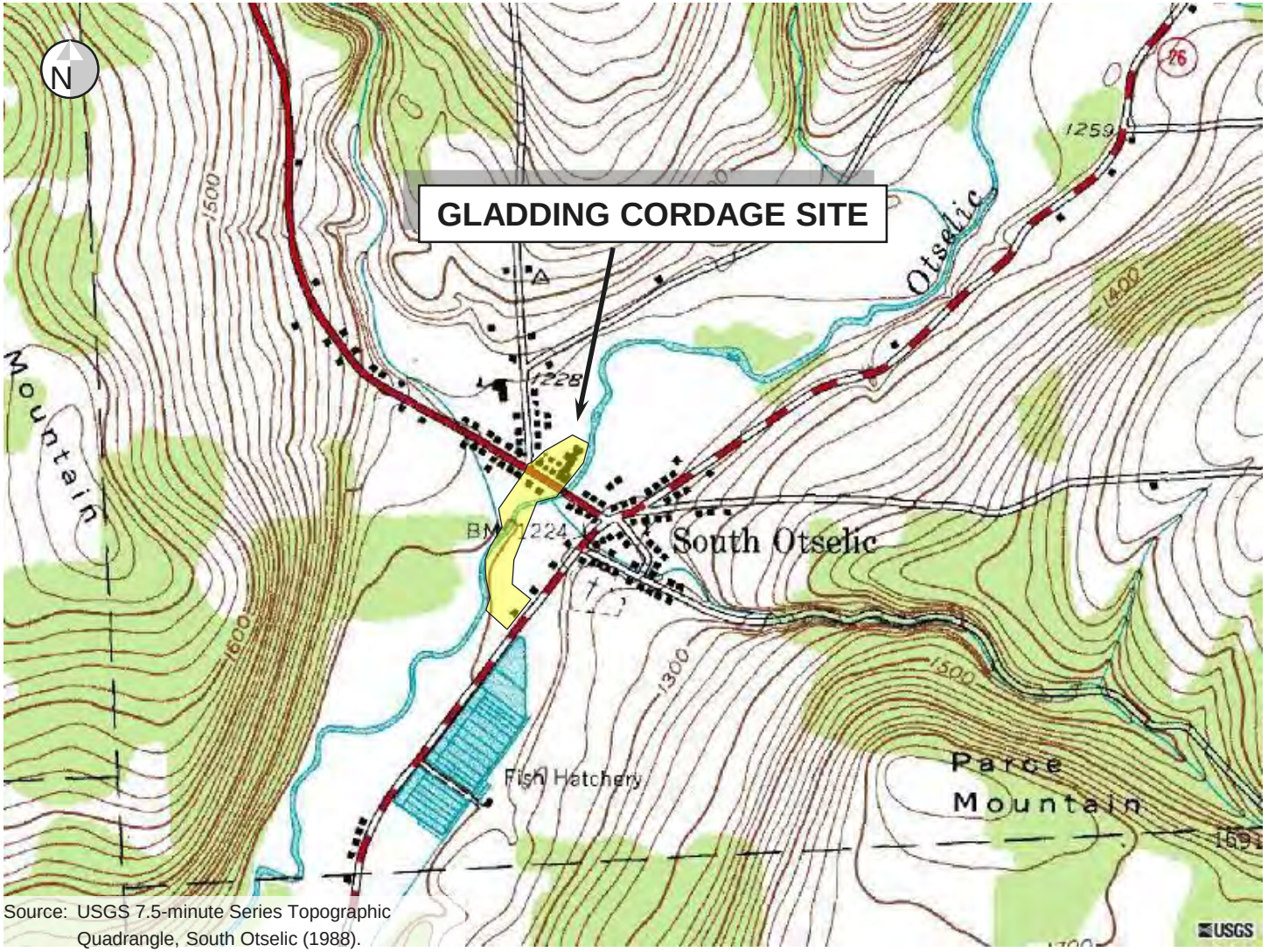
TW-X is a duplicate sample collected at TW-15

Blank space indicates sample not analyzed for that compound

FIGURES

Figure 2-1
Site Location

Gladding Cordage Site
South Otselic, New York
NYSDEC Site 7-09-009



Source: USGS 7.5-minute Series Topographic Quadrangle, South Otselic (1988).

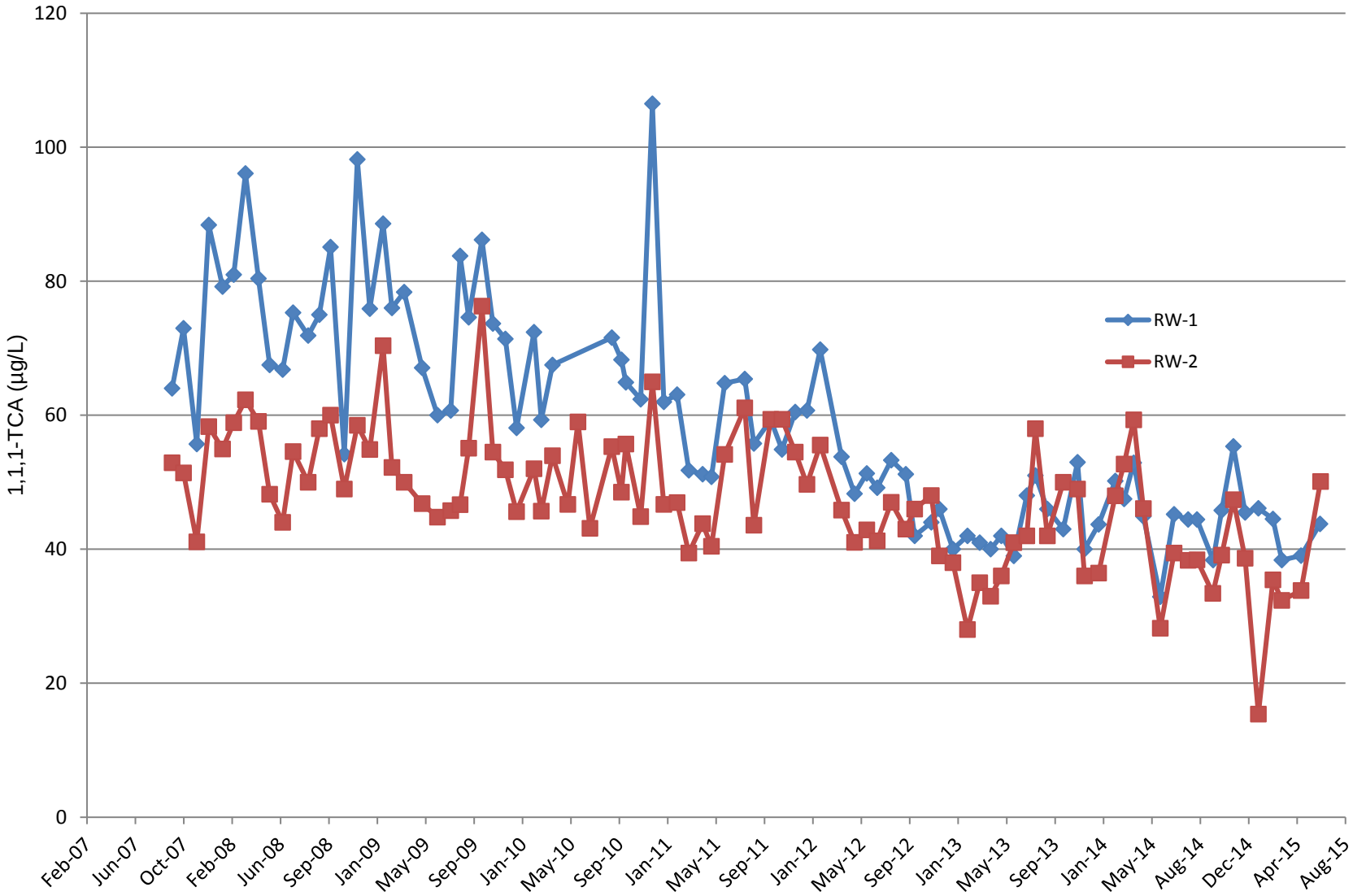
0 2,000 ft

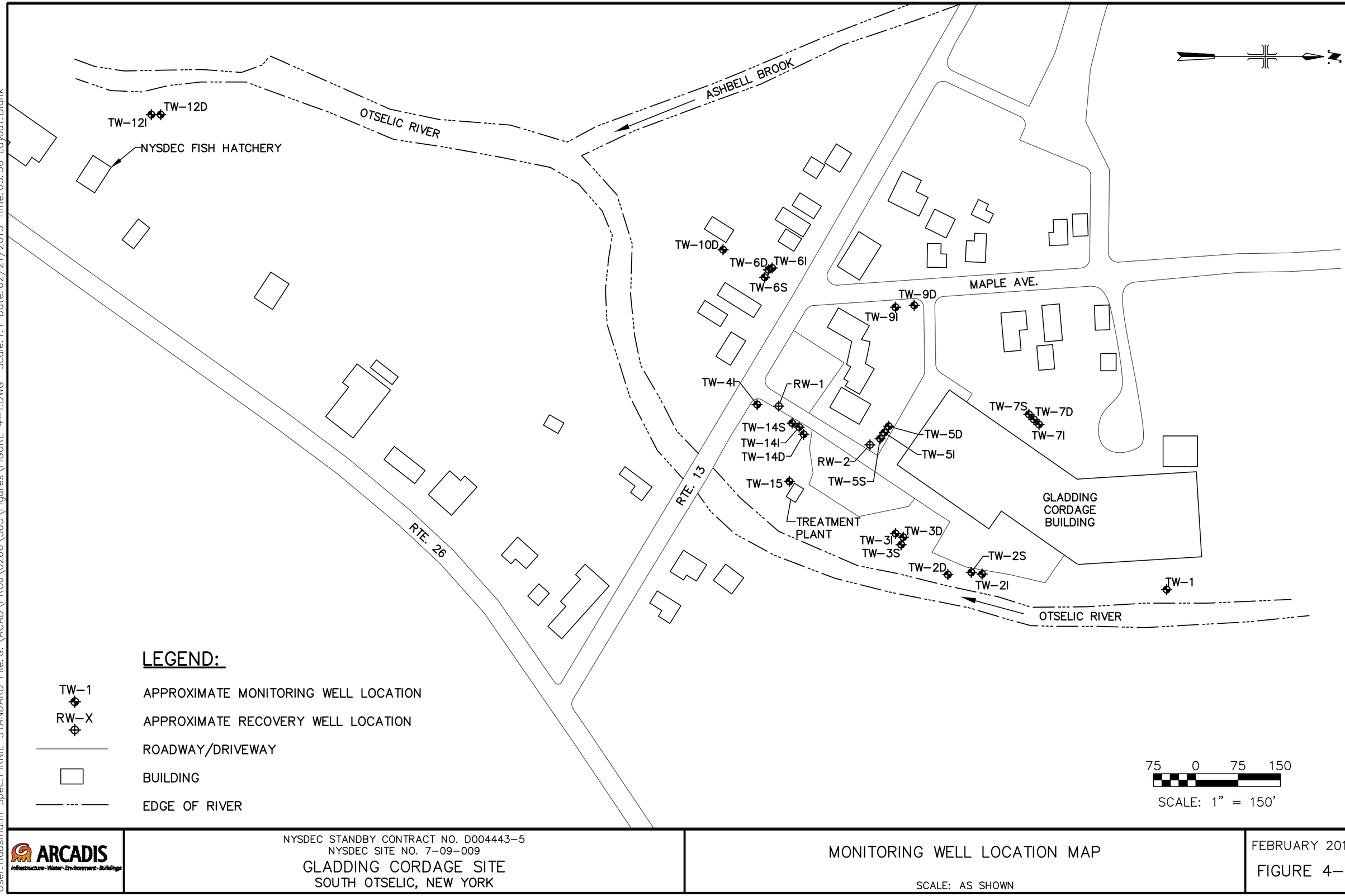
G:\PROJECT\00266406.0000\Reports\Figure 2-1.pptx

Figure 3-1
Treatment System Influent Sample Concentrations (1,1,1-TCA)

ARCADIS Design & Consultancy for natural and built assets

Gladding Cordage Site
NYSDEC Site Number 7-09-009





ARCADIS
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NYSDEC STANDBY CONTRACT NO. D004443-5
NYSDEC SITE NO. 7-09-009
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK

MONITORING WELL LOCATION MAP

SCALE: AS SHOWN

FEBRUARY 2013
FIGURE 4-1

ASHBELL BROOK

OTSELIC RIVER

NYSDEC FISH HATCHERY

TW-12I
TW-12D

RTE. 26

RTE. 13

MAPLE AVE.

TW-10D

TW-6D
TW-6I
TW-6S
1205.53

TW-9D
TW-9I

1206

1205.5

TW-4I
RW-1
TW-14S
TW-14I
TW-14D
1205.47

TW-5D
TW-5I

RW-2

TW-15

TW-5S
1205.74

1205.5

1206.5

1206.60

TW-7S
TW-7D
TW-7I
1206.50

1207

GLADDING CORDAGE BUILDING

TREATMENT PLANT

TW-3I
TW-3D
TW-3S
1205.77

1206.26
TW-2S
TW-2I
TW-2D

1207.24
TW-1

1206

1206.5

1207

OTSELIC RIVER

LEGEND:

TW-1	APPROXIMATE MONITORING WELL LOCATION
RW-X	APPROXIMATE RECOVERY WELL LOCATION
	ROADWAY/DRIVEWAY
	BUILDING
	EDGE OF RIVER
1206	POTENTIOMETRIC CONTOUR
1206.60	GROUNDWATER ELEVATION (FT. A.M.S.L.)
	GROUNDWATER FLOW DIRECTION

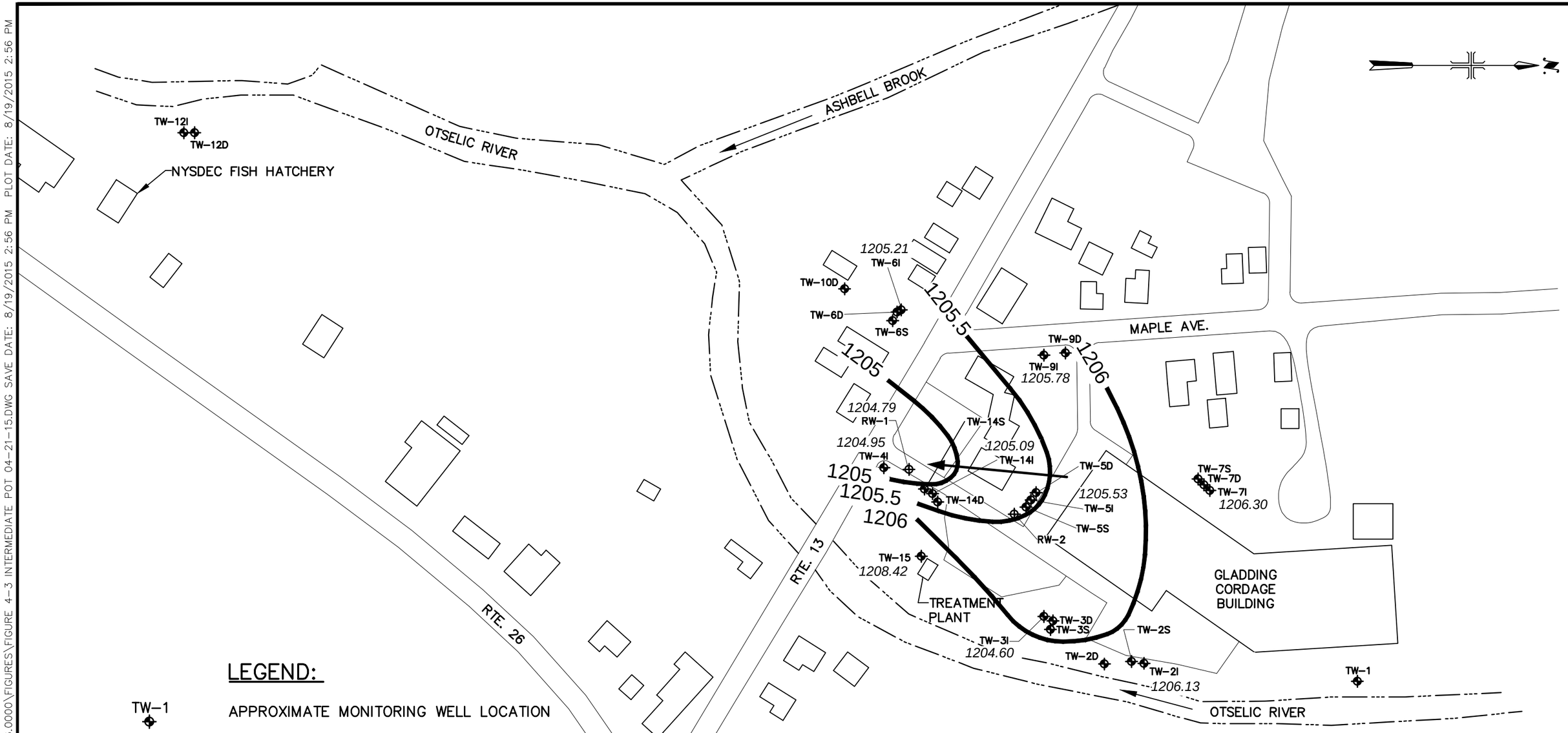
75 0 75 150
SCALE: 1" = 150'

ARCADIS
Infrastructure · Water · Environment · Buildings

NYSDEC STANDBY CONTRACT NO. D004443-5
NYSDEC SITE NO. 7-09-009
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK

SHALLOW POTENTIOMETRIC CONTOUR
SURFACE MAP (4/21/15)
SCALE: AS SHOWN

FIGURE 4-2



LEGEND:

- TW-1 — APPROXIMATE MONITORING WELL LOCATION
- RW-X — APPROXIMATE RECOVERY WELL LOCATION
- ROADWAY/DRIVEWAY
- BUILDING
- EDGE OF RIVER
- 1206 — POTENTIOMETRIC CONTOUR
- 1206.60 — GROUNDWATER ELEVATION (FT. A.M.S.L.)
- GROUNDWATER FLOW DIRECTION

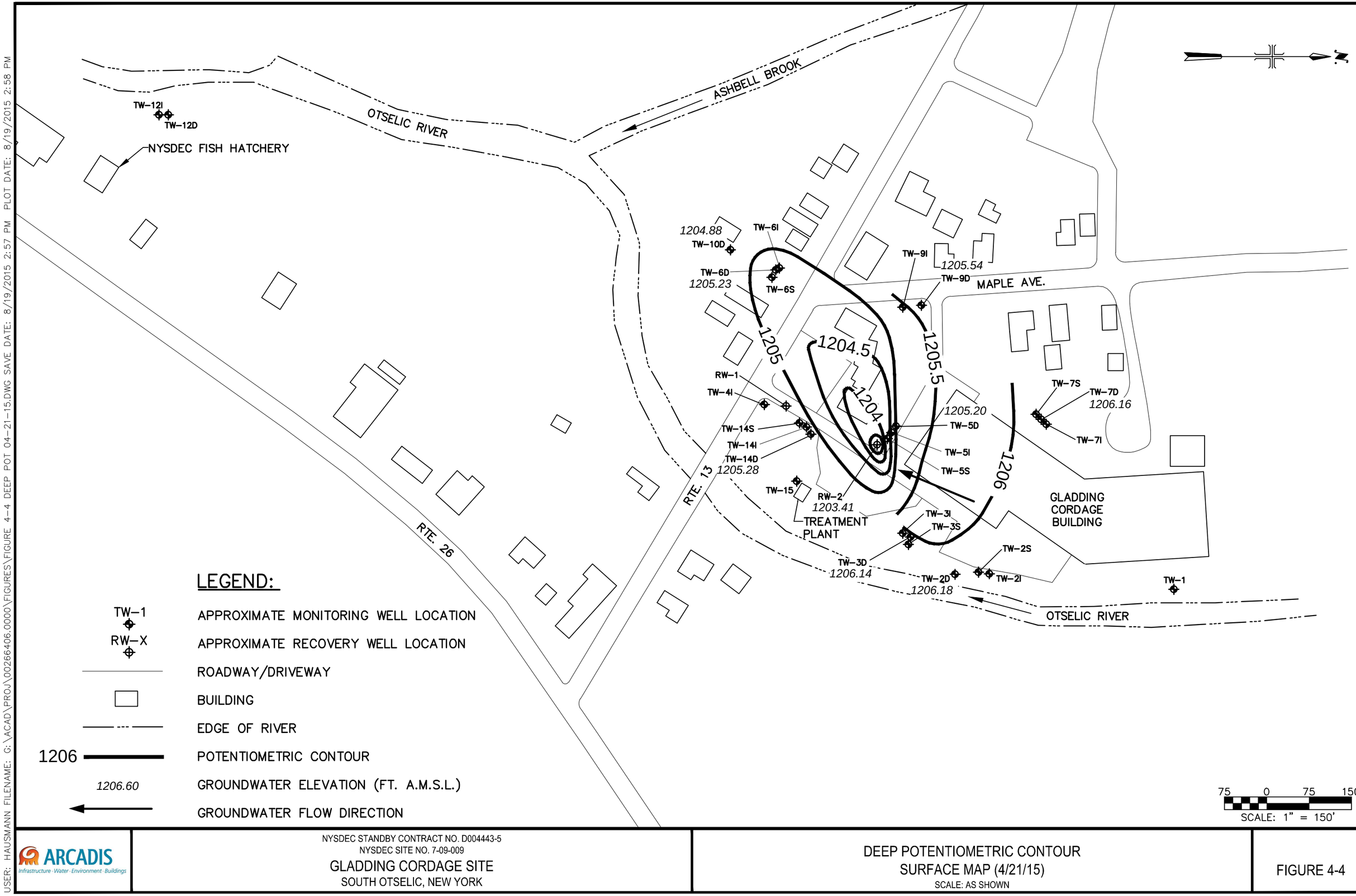
75 0 75 150
SCALE: 1" = 150'

ARCADIS Infrastructure · Water · Environment · Buildings

NYSDEC STANDBY CONTRACT NO. D004443-5
NYSDEC SITE NO. 7-09-009
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK

INTERMEDIATE POTENTIOMETRIC CONTOUR SURFACE MAP (4/21/15)
SCALE: AS SHOWN

FIGURE 4-3



USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266406.0000\FIGURES\FIGURE 4-4 DEEP POT 04-21-15.DWG SAVE DATE: 8/19/2015 2:57 PM PLOT DATE: 8/19/2015 2:58 PM

ARCADIS
Infrastructure · Water · Environment · Buildings

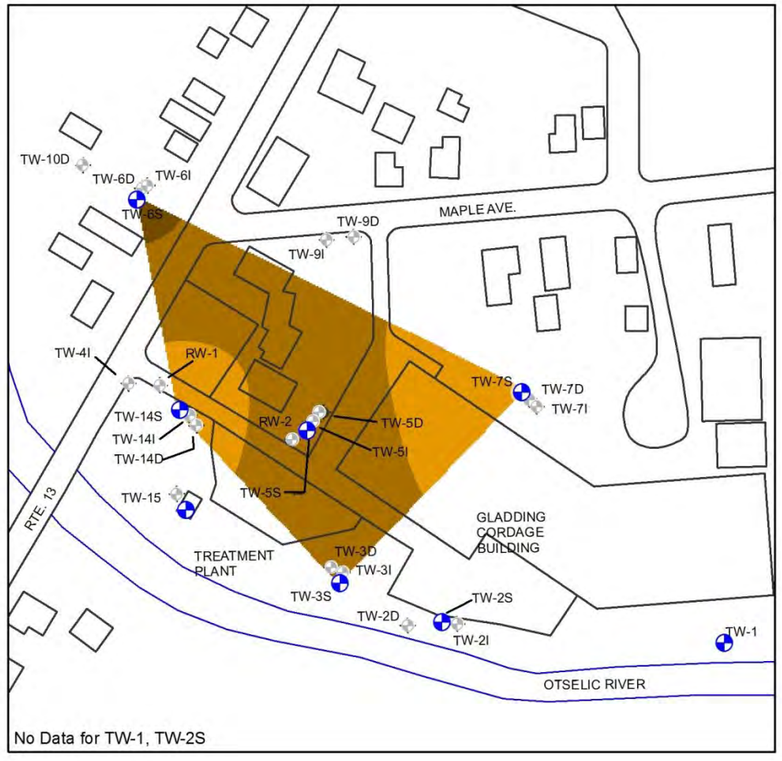
NYSDEC STANDBY CONTRACT NO. D004443-5
NYSDEC SITE NO. 7-09-009
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK

DEEP POTENTIOMETRIC CONTOUR
SURFACE MAP (4/21/15)
SCALE: AS SHOWN

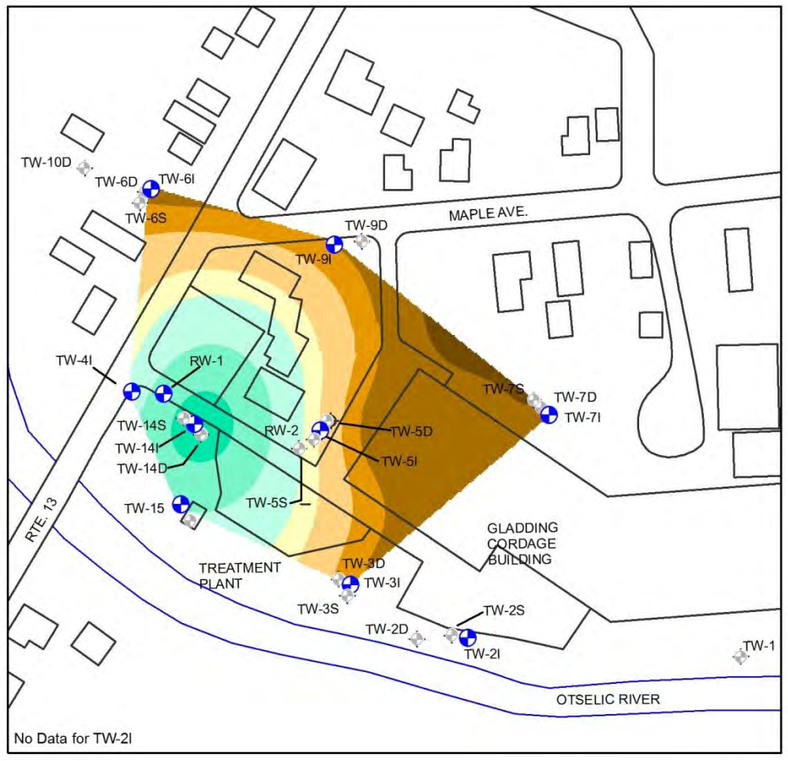
FIGURE 4-4

N

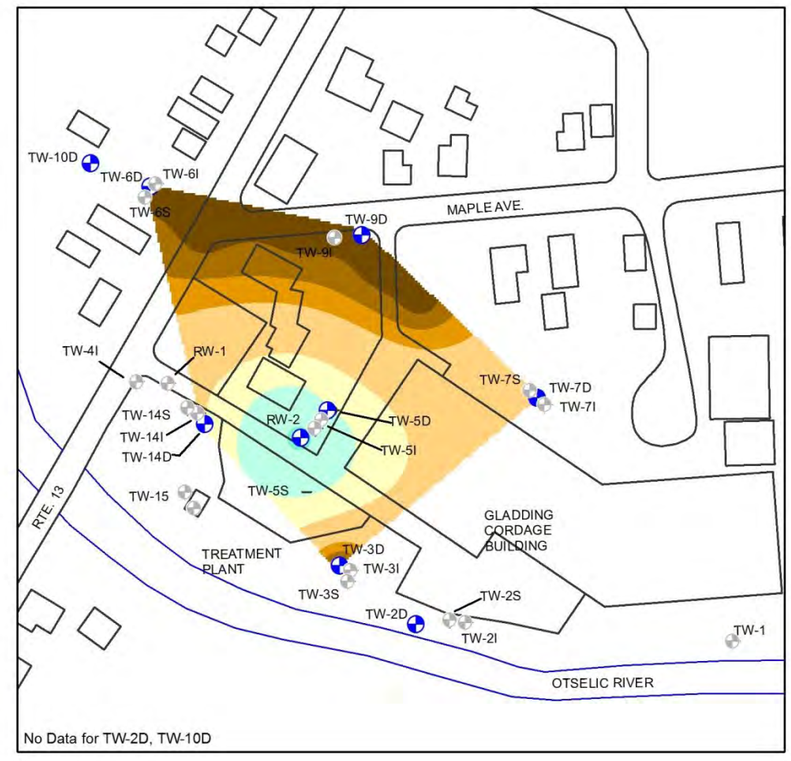
SHALLOW WELLS



INTERMEDIATE WELLS



DEEP WELLS



0 100 200 400 600 800 Feet

LEGEND

1,1,1-Trichloroethane Concentrations (ug/L)

0 - 1 | 1 - 3 | 3 - 5 | 5 - 10 | 10 - 15 | 15 - 30 | 30 - 50 | 50 - 70

GLADDING CORDAGE SITE NUMBER 7-09-009
SOUTH OTSELIC, NEW YORK

GROUNDWATER 1,1,1-TRICHLOROETHANE CONCENTRATIONS

MAY 6, 2015

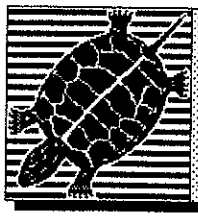
ARCADIS

FIGURE 4-5

Document Path: G:\GISMOD\0266365\2015\Contours2015.mxd

APPENDIX A

PLC Facsimile Reports



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/02/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

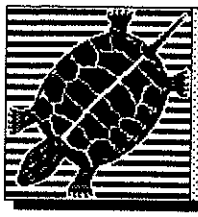
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is		29598628	GAL			
W2_FLO is 22.2	GPM	TOTAL FLOW is		26989347	GAL			
ASBPRS is 11.1	IWC	LIMITS are	L:	5.0	IWC	H: 30.0		IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is		412759	GAL			
HP_PRS is 1.3	PSI	LIMITS are	L:	-2.0	PSI	H: 20.0		PSI
HP_AMP is 0.04	AMP	LIMITS are	L:	0.00	AMP	H:		AMP
W1_AMP is 4.55	AMP	LIMITS are	L:	0.00	AMP	H: 10.00		AMP
W2_AMP is 4.45	AMP	LIMITS are	L:	0.00	AMP	H: 10.00		AMP
W1_LVL is 35.32	FT	LIMITS are	L:	8.00	FT	H: 28.00		FT
W2_LVL is 56.38	FT	LIMITS are	L:	9.00	FT	H: 52.00		FT
W1_PRS is 4.6	PSI	LIMITS are	L:	0.5	PSI	H: 100.0		PSI
W2_PRS is 5.0	PSI	LIMITS are	L:	0.5	PSI	H: 100.0		PSI
INTEMP is 56.1	DEG	LIMITS are	L:	42.0	DEG	H: 130.0		DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/03/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

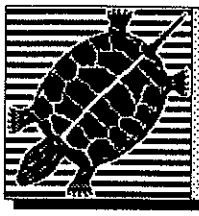
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	29633245	GAL				
W2_FLO is 21.9	GPM	TOTAL FLOW is	27020877	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	413022	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.59	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 36.09	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 57.48	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 61.6	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/04/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	24.6	GPM	TOTAL FLOW is	29668120	GAL			
W2_FLO is	22.2	GPM	TOTAL FLOW is	27052577	GAL			
ASBPRS is	10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0		IWC
HP_FLO is	0.00	GPM	TOTAL FLOW is	413271	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0		PSI
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:		AMP
W1_AMP is	4.67	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W2_AMP is	4.58	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W1_LVL is	37.24	FT	LIMITS are	L: 8.00	FT	H: 28.00		FT
W2_LVL is	58.81	FT	LIMITS are	L: 9.00	FT	H: 52.00		FT
W1_PRS is	4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
W2_PRS is	4.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
INTEMP is	58.4	DEG	LIMITS are	L: 42.0	DEG	H: 130.0		DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/05/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.3	GPM	TOTAL FLOW is	29703104	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	27084362	GAL				
ASBPRS is 11.0	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	413690	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.66	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.56	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 37.50	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 58.64	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 57.3	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/06/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

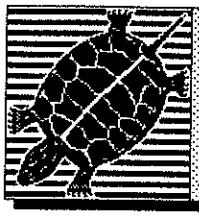
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.4	GPM	TOTAL FLOW is	29737990	GAL				
W2_FLO is 21.4	GPM	TOTAL FLOW is	27116102	GAL				
ASBPRS is 11.0	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	414122	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.59	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 37.11	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 58.07	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 61.4	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/07/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.6	GPM	TOTAL FLOW is	29772810	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	27147815	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	414380	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.58	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 37.45	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 58.43	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 60.5	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/08/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.6	GPM	TOTAL FLOW is	29807690	GAL				
W2_FLO is 22.7	GPM	TOTAL FLOW is	27179401	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	414680	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.52	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.42	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 37.52	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 58.51	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 58.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/09/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is ON	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

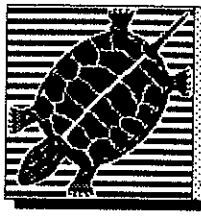
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.6	GPM	TOTAL FLOW is	29842717	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	27210997	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 2.37	GPM	TOTAL FLOW is	415055	GAL				
HP_PRS is 8.5	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 4.86	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 37.84	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 58.98	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 59.5	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/10/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.7	GPM	TOTAL FLOW is	29877840	GAL				
W2_FLO is 21.9	GPM	TOTAL FLOW is	27242565	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	415409	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.61	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 37.91	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 59.21	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 59.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/11/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

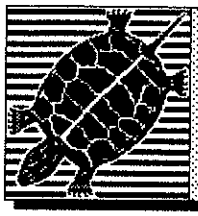
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.6	GPM	TOTAL FLOW is	29912984	GAL				
W2_FLO is 21.9	GPM	TOTAL FLOW is	27274138	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.04	GPM	TOTAL FLOW is	415700	GAL				
HP_PRS is 8.1	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 4.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.65	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 38.07	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 59.38	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 59.6	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/12/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.4	GPM	TOTAL FLOW is	29948057	GAL				
W2_FLO is 21.8	GPM	TOTAL FLOW is	27305659	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	416126	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.58	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 37.67	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 58.66	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 56.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/13/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	24.0	GPM	TOTAL FLOW is	29982996	GAL			
W2_FLO is	21.9	GPM	TOTAL FLOW is	27337216	GAL			
ASBPRS is	10.9	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	416403	GAL			
HP_PRS is	1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.51	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.42	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	37.44	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	58.41	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	58.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/14/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

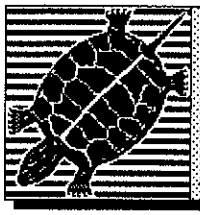
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	24.3	GPM	TOTAL FLOW is	30017882	GAL			
W2_FLO is	22.1	GPM	TOTAL FLOW is	27368783	GAL			
ASBPRS is	10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0		IWC
HP_FLO is	0.00	GPM	TOTAL FLOW is	416540	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0		PSI
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:		AMP
W1_AMP is	4.57	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W2_AMP is	4.45	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W1_LVL is	37.79	FT	LIMITS are	L: 8.00	FT	H: 28.00		FT
W2_LVL is	58.89	FT	LIMITS are	L: 9.00	FT	H: 52.00		FT
W1_PRS is	4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
W2_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
INTEMP is	60.4	DEG	LIMITS are	L: 42.0	DEG	H: 130.0		DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/15/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.3	GPM	TOTAL FLOW is	30052821	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	27400321	GAL				
ASBPRS is 11.0	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	416801	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.43	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 37.35	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 58.47	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 58.5	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/16/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

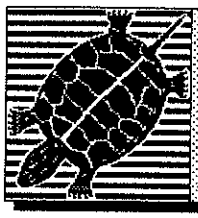
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.6	GPM	TOTAL FLOW is	30087633	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	27431752	GAL				
ASBPRS is 11.0	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	417077	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 36.98	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.86	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/17/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

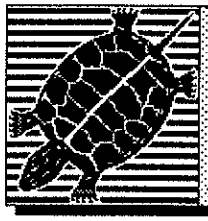
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	23.4	GPM	TOTAL FLOW is	30122359	GAL			
W2_FLO is	21.7	GPM	TOTAL FLOW is	27463147	GAL			
ASBPRS is	10.6	IWC	LIMITS are	L: 5.0	IWC	H: 30.0		IWC
HP_FLO is	0.00	GPM	TOTAL FLOW is	417225	GAL			
HP_PRS is	1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0		PSI
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:		AMP
W1_AMP is	4.58	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W2_AMP is	4.48	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W1_LVL is	36.15	FT	LIMITS are	L: 8.00	FT	H: 28.00		FT
W2_LVL is	57.46	FT	LIMITS are	L: 9.00	FT	H: 52.00		FT
W1_PRS is	4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
W2_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
INTEMP is	63.2	DEG	LIMITS are	L: 42.0	DEG	H: 130.0		DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/18/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

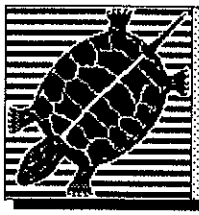
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.8	GPM	TOTAL FLOW is	30157056	GAL				
W2_FLO is 21.8	GPM	TOTAL FLOW is	27494511	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	417421	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.58	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 35.93	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.37	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/19/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

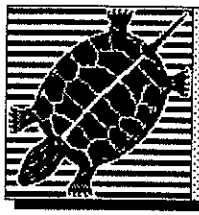
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	30191702	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	27525838	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	417620	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.64	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 35.90	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 57.12	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 57.5	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/20/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.2	GPM	TOTAL FLOW is	30226313	GAL				
W2_FLO is 21.4	GPM	TOTAL FLOW is	27557135	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	417770	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 35.20	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.91	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/21/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is ON	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

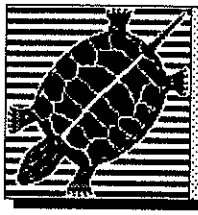
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	30260877	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	27588370	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.35	GPM	TOTAL FLOW is	417930	GAL				
HP_PRS is 8.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 5.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.52	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.43	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 35.49	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.46	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 64.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/22/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

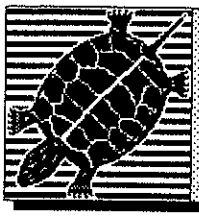
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	24.5	GPM	TOTAL FLOW is	30295576	GAL			
W2_FLO is	21.7	GPM	TOTAL FLOW is	27619632	GAL			
ASBPRS is	10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	418159	GAL			
HP_PRS is	1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.57	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.46	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	35.59	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	57.48	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	60.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/23/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.0	GPM	TOTAL FLOW is	30330230	GAL				
W2_FLO is 21.9	GPM	TOTAL FLOW is	27650804	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	418482	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.43	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 35.51	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.39	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 59.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/24/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	24.3	GPM	TOTAL FLOW is	30364859	GAL			
W2_FLO is	22.1	GPM	TOTAL FLOW is	27681958	GAL			
ASBPRS is	10.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	418919	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.60	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.48	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	35.48	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	57.20	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	57.3	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/25/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.0	GPM	TOTAL FLOW is	30399462	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	27713123	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	419432	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 35.37	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 57.29	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 56.4	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/26/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.7	GPM	TOTAL FLOW is	30434028	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	27744302	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	419798	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 35.09	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 57.08	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 57.3	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/27/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.1	GPM	TOTAL FLOW is	30468566	GAL				
W2_FLO is 21.4	GPM	TOTAL FLOW is	27775404	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	420116	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.43	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.90	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 56.89	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 58.3	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/28/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

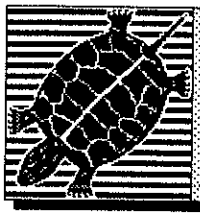
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	30503113	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	27806495	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	420398	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.64	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.97	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.80	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/29/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

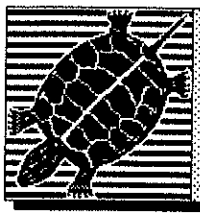
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.0	GPM	TOTAL FLOW is	30537657	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	27837594	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	420593	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.59	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.76	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.65	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 57.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/30/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is ON	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	30572172	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	27868651	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.37	GPM	TOTAL FLOW is	420761	GAL				
HP_PRS is 8.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 4.87	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.58	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.64	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.57	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 59.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/01/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.3	GPM	TOTAL FLOW is	30606646	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	27899657	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	420922	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.52	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.40	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 34.70	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.46	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 62.1	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/02/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

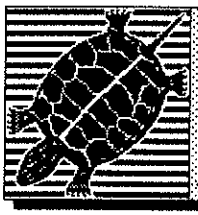
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.3	GPM	TOTAL FLOW is	30641104	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	27930559	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	421106	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.62	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 34.71	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.29	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 59.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/03/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	30675552	GAL				
W2_FLO is 21.1	GPM	TOTAL FLOW is	27961441	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	421263	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.42	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.74	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 56.23	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 59.9	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/04/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.1	GPM	TOTAL FLOW is	30709996	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	27992312	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.12	GPM	TOTAL FLOW is	421391	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.76	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 56.12	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 62.5	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/05/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	30744393	GAL				
W2_FLO is 21.4	GPM	TOTAL FLOW is	28023148	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.15	GPM	TOTAL FLOW is	421437	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.45	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.77	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.93	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 65.3	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/06/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	30778789	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	28053957	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	421508	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.40	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.75	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.91	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 63.9	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/07/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	30813168	GAL				
W2_FLO is 21.1	GPM	TOTAL FLOW is	28084625	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	421583	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.37	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.60	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.87	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.1	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/08/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is ON	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.6	GPM	TOTAL FLOW is	30847546	GAL				
W2_FLO is 21.1	GPM	TOTAL FLOW is	28115252	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 2.34	GPM	TOTAL FLOW is	421649	GAL				
HP_PRS is 8.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 4.96	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.36	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.47	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.87	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 63.1	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/09/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

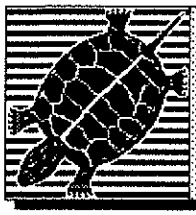
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.8	GPM	TOTAL FLOW is	30881922	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	28145876	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	421694	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.62	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.51	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.46	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.81	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 66.5	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/10/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.8	GPM	TOTAL FLOW is	30916273	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	28176499	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	421705	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.66	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.37	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.74	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 66.2	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/11/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.6	GPM	TOTAL FLOW is	30950688	GAL				
W2_FLO is 21.4	GPM	TOTAL FLOW is	28207143	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	421725	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.38	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 35.12	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.67	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 65.2	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/12/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	30985171	GAL				
W2_FLO is 21.0	GPM	TOTAL FLOW is	28237831	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	421737	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.90	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.74	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 67.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/13/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	23.9	GPM	TOTAL FLOW is	31019681	GAL			
W2_FLO is	21.3	GPM	TOTAL FLOW is	28268523	GAL			
ASBPRS is	10.6	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	421804	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.53	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.40	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	34.84	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	56.48	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	64.4	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/14/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	31054157	GAL				
W2_FLO is 20.9	GPM	TOTAL FLOW is	28299244	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	421993	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.39	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 35.07	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.31	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 60.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/15/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.2	GPM	TOTAL FLOW is	31088576	GAL				
W2_FLO is 21.3	GPM	TOTAL FLOW is	28329942	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	422146	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.42	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 34.82	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.15	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 61.4	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/16/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

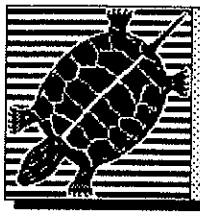
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.7	GPM	TOTAL FLOW is	31122994	GAL				
W2_FLO is 21.3	GPM	TOTAL FLOW is	28360601	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0		IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	422203	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0		PSI
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....		AMP
W1_AMP is 4.61	AMP	LIMITS are	L: 0.00	AMP	H:	10.00		AMP
W2_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00		AMP
W1_LVL is 34.60	FT	LIMITS are	L: 8.00	FT	H:	28.00		FT
W2_LVL is 56.15	FT	LIMITS are	L: 9.00	FT	H:	52.00		FT
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0		PSI
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0		PSI
INTEMP is 66.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0		DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/17/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

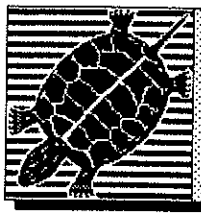
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.1	GPM	TOTAL FLOW is	31157425	GAL				
W2_FLO is 20.9	GPM	TOTAL FLOW is	28391269	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	422224	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.42	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.80	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.27	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 65.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/18/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 07:05:29 ON 04/01/2015 BY KEYPAD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.7	GPM	TOTAL FLOW is	31191868	GAL				
W2_FLO is 21.2	GPM	TOTAL FLOW is	28421929	GAL				
ASBPRS is 10.4	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	422247	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.46	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.36	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.57	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.10	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 63.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/23/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	31233286	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	28459294	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	422362	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.76	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.15	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/24/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.7	GPM	TOTAL FLOW is	31267908	GAL				
W2_FLO is 22.2	GPM	TOTAL FLOW is	28491245	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	422514	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.57	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.64	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 56.00	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 61.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/25/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.1	GPM	TOTAL FLOW is	31302406	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	28523206	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	422575	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.62	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.42	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.91	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 65.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/26/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

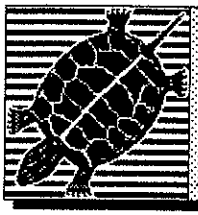
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.1	GPM	TOTAL FLOW is	31336824	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	28555087	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	422575	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.45	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.22	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.85	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 68.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/27/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

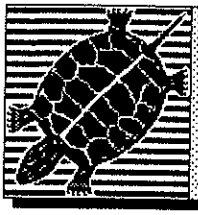
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.6	GPM	TOTAL FLOW is	31371200	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	28586898	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	422585	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.40	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 34.11	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 55.81	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 67.2	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/28/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.8	GPM	TOTAL FLOW is	31405541	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	28618687	GAL				
ASBPRS is 10.2	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	422596	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.46	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.40	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.08	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.77	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 66.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/30/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.7	GPM	TOTAL FLOW is	31474040	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	28682253	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	422666	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.58	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.51	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 33.94	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.60	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 66.9	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/02/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

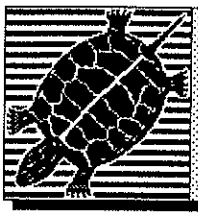
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.7	GPM	TOTAL FLOW is	31576648	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	28777905	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	422818	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.51	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.45	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 34.13	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 55.81	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 65.3	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/03/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

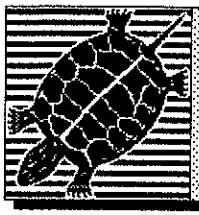
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.5	GPM	TOTAL FLOW is	31610793	GAL				
W2_FLO is 22.2	GPM	TOTAL FLOW is	28809855	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	422892	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.52	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.14	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.77	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 63.5	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/04/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM	TOTAL FLOW is	31644877	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	28841724	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	422965	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.04	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.70	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 61.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/05/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is ON	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.6	GPM	TOTAL FLOW is	31678962	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	28873507	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 2.32	GPM	TOTAL FLOW is	422993	GAL				
HP_PRS is 8.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 4.98	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 33.83	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.60	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 67.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/07/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

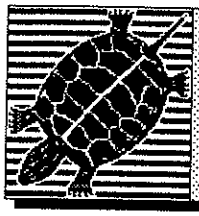
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.8	GPM	TOTAL FLOW is	31746895	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	28937034	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	423112	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.88	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.62	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/08/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.5	GPM	TOTAL FLOW is	31780821	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	28968764	GAL				
ASBPRS is 10.2	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	423148	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.43	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 33.50	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 55.53	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 65.6	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/09/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 23.7	GPM	TOTAL FLOW is	31814782	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	29000401	GAL				
ASBPRS is 10.2	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	423180	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.52	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.04	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.25	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 3.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 65.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/10/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 23:37:57 ON 05/18/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 24.1	GPM	TOTAL FLOW is	31848845	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	29031981	GAL				
ASBPRS is 10.4	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	423235	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.40	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 34.51	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.53	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 65.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/26/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 19:31:38 ON 06/12/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 25.1	GPM	TOTAL FLOW is	32074290	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	29231726	GAL				
ASBPRS is 10.4	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	423520	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.63	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 33.82	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 56.04	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 63.6	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/27/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 19:31:38 ON 06/12/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

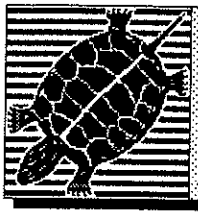
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 25.7	GPM	TOTAL FLOW is	32111068	GAL				
W2_FLO is 22.2	GPM	TOTAL FLOW is	29263458	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	423663	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.72	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 33.80	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.93	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 61.4	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/28/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 19:31:38 ON 06/12/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 25.7	GPM	TOTAL FLOW is	32147887	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	29295199	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	423938	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.71	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.56	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 33.85	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.36	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 60.2	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/29/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 19:31:38 ON 06/12/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 25.5	GPM	TOTAL FLOW is	32184851	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	29327115	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	424192	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.64	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.52	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 56.91	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 60.9	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/30/2015
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 19:31:38 ON 06/12/2015 BY ACFAIL

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 25.4	GPM	TOTAL FLOW is	32221714	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	29359040	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	424387	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP		
W1_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.46	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.40	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 56.65	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 61.4	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

APPENDIX B

O&M Checklists

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 4/1/2015
Inspector J.Wyckoff
Time 7:00

Treatment System Operation		**Alarms**	
System On (Y/N)	Yes	A/C Fail (Y/N)	No
RW-1 On (Y/N)	Yes	RW-1 (Y/N)	No
RW-2 On (Y/N)	Yes	RW-2 (Y/N)	No
Blower On (Y/N)	Yes	Blower Pressure (Y/N)	No
Sump Pump On (Y/N)	No	Sump Level (Y/N)	No

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	NR	NR
Total Flow (Gallons)	NR	NR
Water Level (Feet Above Probe)	NR	NR
Probe Depth (Feet BTOC)	NR	NR

Air Stripper			
Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	NR	Water Leaks (Y/N)	Yes
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	NR

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	NR
Heat Exchanger Flow (GPM)	NR	Heat Exchanger Pressure (PSI)	NR

General Building/Site			
Building Condition OK? (Y/N)	Yes	Circuit Breakers Checked (Y/N)	NR
Grass Mowed (Y/N)	Yes	Outfall Condition OK? (Y/N)	Yes
Monitoring Wells OK? (Y/N)	NR	Samples Collected (Y/N)	No

Notes:

System operating but not sending fax notifications. Reboot PLC to restore fax reports.

No additional O&M performed today

NR - Not recorded

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	4/21/2015
Inspector	A. Goodrich
Time	NR

Treatment System Operation		**Alarms**	
System On (Y/N)	Yes	A/C Fail (Y/N)	No
RW-1 On (Y/N)	Yes	RW-1 (Y/N)	No
RW-2 On (Y/N)	Yes	RW-2 (Y/N)	No
Blower On (Y/N)	Yes	Blower Pressure (Y/N)	No
Sump Pump On (Y/N)	No	Sump Level (Y/N)	No

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	23.9	21.6
Total Flow (Gallons)	30260887	27588370
Water Level (Feet Above Probe)	35.49	57.46
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.5	Water Leaks (Y/N)	Yes
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	50

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	64
Heat Exchanger Flow (GPM)	2.4	Heat Exchanger Pressure (PSI)	8.3

General Building/Site			
Building Condition OK? (Y/N)	Yes	Circuit Breakers Checked (Y/N)	NR
Grass Mowed (Y/N)	NA	Outfall Condition OK? (Y/N)	Yes
Monitoring Wells OK? (Y/N)	Yes	Samples Collected (Y/N)	Yes

Notes:

Annual groundwater sampling today - place PDBs

NR - Not recorded

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	5/8/2015
Inspector	A. Goodrich
Time	NR

Treatment System Operation		**Alarms**	
System On (Y/N)	Yes	A/C Fail (Y/N)	No
RW-1 On (Y/N)	Yes	RW-1 (Y/N)	No
RW-2 On (Y/N)	Yes	RW-2 (Y/N)	No
Blower On (Y/N)	Yes	Blower Pressure (Y/N)	No
Sump Pump On (Y/N)	No	Sump Level (Y/N)	No

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	23.6	21.2
Total Flow (Gallons)	30847546	28115252
Water Level (Feet Above Probe)	34.47	55.87
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.1	Water Leaks (Y/N)	Yes
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	50

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	63
Heat Exchanger Flow (GPM)	2.3	Heat Exchanger Pressure (PSI)	8.2

General Building/Site			
Building Condition OK? (Y/N)	Yes	Circuit Breakers Checked (Y/N)	NR
Grass Mowed (Y/N)	NA	Outfall Condition OK? (Y/N)	Yes
Monitoring Wells OK? (Y/N)	Yes	Samples Collected (Y/N)	Yes

Notes:

Collect PDB samples today

NR - Not recorded

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 6/22/2015
Inspector J. Wyckoff
Time NR

Treatment System Operation		**Alarms**		
System On (Y/N)	Yes	A/C Fail (Y/N)	Yes	(see below)
RW-1 On (Y/N)	Yes	RW-1 (Y/N)	No	
RW-2 On (Y/N)	Yes	RW-2 (Y/N)	No	
Blower On (Y/N)	Yes	Blower Pressure (Y/N)	No	
Sump Pump On (Y/N)	No	Sump Level (Y/N)	No	

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	25.3	21.8
Total Flow (Gallons)	NR	NR
Water Level (Feet Above Probe)	34.33	56.34
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.1	Water Leaks (Y/N)	Yes
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	50

Heat Exchanger			
Heat (On/Off)	Off	Building Temperature (°F)	74
Heat Exchanger Flow (GPM)	0.0	Heat Exchanger Pressure (PSI)	1.3

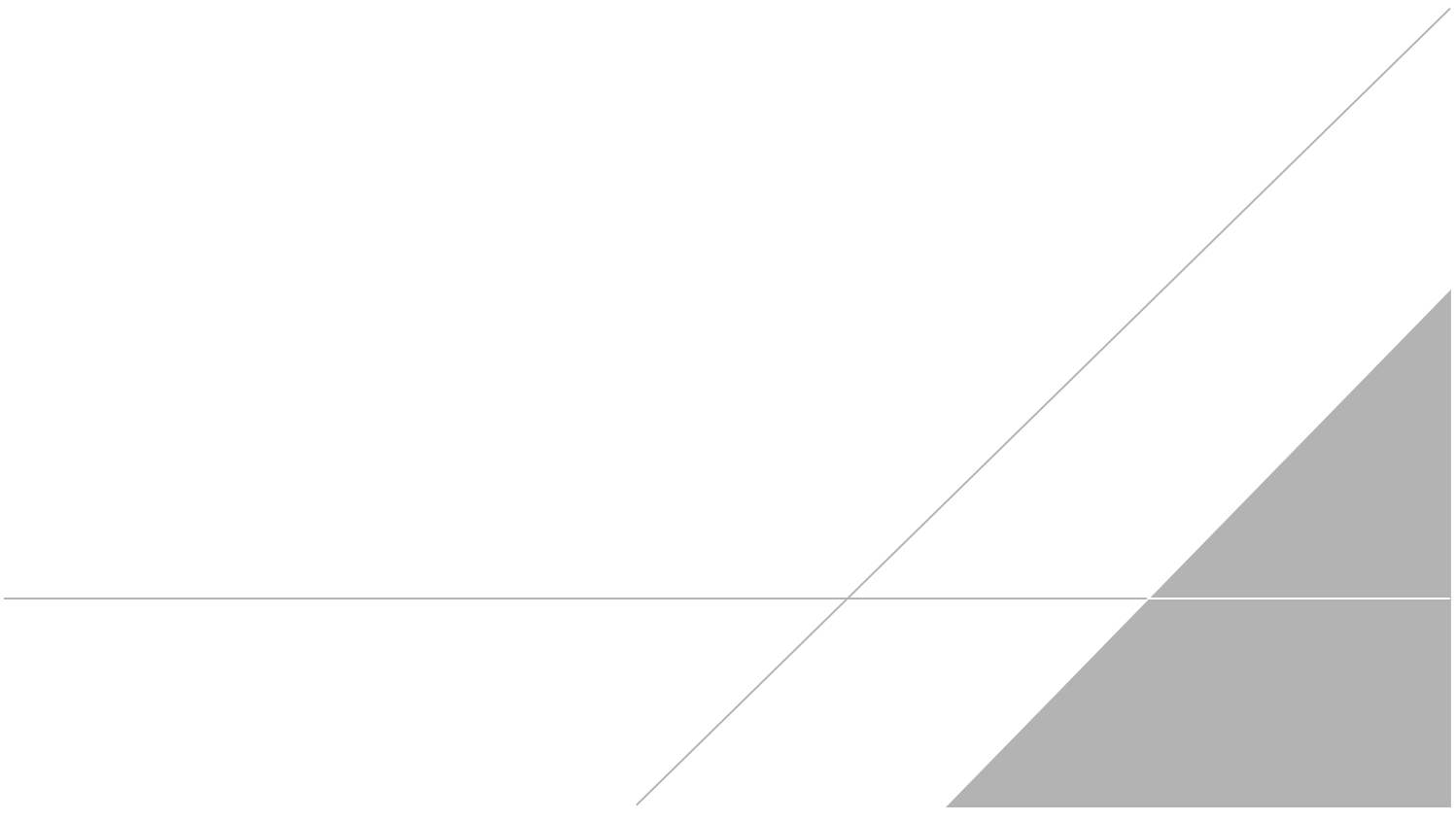
General Building/Site			
Building Condition OK? (Y/N)	Yes	Circuit Breakers Checked (Y/N)	Yes
Grass Mowed (Y/N)	Yes	Outfall Condition OK? (Y/N)	Yes
Monitoring Wells OK? (Y/N)	Yes	Samples Collected (Y/N)	Yes

Notes:

System off due to AC failure.
Restarted system at 11:45.
Trim grass.
NR - Not recorded

APPENDIX C

Analytical Reporting Forms



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 21, 2015

Jeremy Wyckoff
Arcadis US, Inc. - Clifton Park-NY
855 Route 146, Suite 210
Clifton Park, NY 12065

Project Location: South Ostellic, NY.
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 15E0319

Enclosed are results of analyses for samples received by the laboratory on May 8, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

Table of Contents

Table of Contents (continued)

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Arcadis US, Inc. - Clifton Park-NY
855 Route 146, Suite 210
Clifton Park, NY 12065
ATTN: Jeremy Wyckoff

REPORT DATE: 5/21/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15E0319

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: South Ostellic, NY.

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RW-1	15E0319-01	Ground Water		EPA 624	
RW-2	15E0319-02	Ground Water		EPA 624	
EFF46HZ	15E0319-03	Ground Water		EPA 624	
Trip Blank	15E0319-04	Trip Blank Water		EPA 624	
Field Blank	15E0319-05	Ground Water		EPA 624	
TW-3D	15E0319-06	Ground Water		EPA 624	
TW-3S	15E0319-07	Ground Water		EPA 624	
TW-3I	15E0319-08	Ground Water		EPA 624	
TW-5S	15E0319-09	Ground Water		EPA 624	
MW-51	15E0319-10	Ground Water		EPA 624	
MW-5D	15E0319-11	Ground Water		EPA 624	
MW-14D	15E0319-12	Ground Water		EPA 624	
TW-14I	15E0319-13	Ground Water		EPA 624	
TW-14S	15E0319-14	Ground Water		EPA 624	
TW-14I	15E0319-15	Ground Water		EPA 624	
TW-15	15E0319-16	Ground Water		EPA 624	
TW-7S	15E0319-17	Ground Water		EPA 624	
TW-7I	15E0319-18	Ground Water		EPA 624	
TW-7D	15E0319-19	Ground Water		EPA 624	
TW-9I	15E0319-20	Ground Water		EPA 624	
TW-9D	15E0319-21	Ground Water		EPA 624	
TW-6S	15E0319-22	Ground Water		EPA 624	
TW-6I	15E0319-23	Ground Water		EPA 624	
TW-6D	15E0319-24	Ground Water		EPA 624	
TW-12I	15E0319-25	Ground Water		EPA 624	
TW-12D	15E0319-26	Ground Water		EPA 624	
DUP-X	15E0319-27	Ground Water		EPA 624	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA 624

Qualifications:

MS-09

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

2-Chloroethyl Vinyl Ether
15E0319-15[TW-14I], B121895-MS1, B121895-MSD1

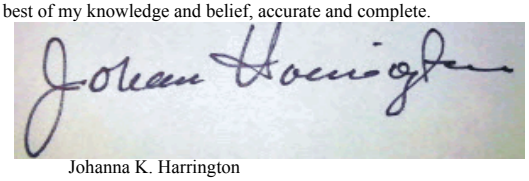
R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Chloromethane
15E0319-15[TW-14I], B121895-MS1, B121895-MSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: RW-1 Sampled: 5/6/2015 14:32

Sample ID: 15E0319-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
1,1-Dichloroethylene	0.92	2.0	0.21	µg/L	1	J	EPA 624	5/16/15	5/17/15 9:57	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Toluene	0.13	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 9:57	EEH
1,1,1-Trichloroethane	38	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 9:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		5/17/15 9:57
Toluene-d8	99.8	70-130		5/17/15 9:57
4-Bromofluorobenzene	100	70-130		5/17/15 9:57

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: RW-2 Sampled: 5/6/2015 14:36

Sample ID: 15E0319-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
1,1-Dichloroethylene	0.72	2.0	0.21	µg/L	1	J	EPA 624	5/16/15	5/17/15 10:24	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Toluene	0.13	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 10:24	EEH
1,1,1-Trichloroethane	33	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 10:24	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		5/17/15 10:24
Toluene-d8	99.4	70-130		5/17/15 10:24
4-Bromofluorobenzene	100	70-130		5/17/15 10:24

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: EFF46HZ Sampled: 5/6/2015 14:40

Sample ID: 15E0319-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Toluene	0.12	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 9:30	EEH
1,1,1-Trichloroethane	ND	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 9:30	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/17/15 9:30
Toluene-d8	99.6	70-130		5/17/15 9:30
4-Bromofluorobenzene	99.6	70-130		5/17/15 9:30

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: Trip Blank Sampled: 5/6/2015 00:00

Sample ID: 15E0319-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Toluene	0.65	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 8:37	EEH
1,1,1-Trichloroethane	ND	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH
m+p Xylene	0.22	2.0	0.18	µg/L	1	J	EPA 624	5/16/15	5/17/15 8:37	EEH
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 8:37	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/17/15 8:37
Toluene-d8	98.4	70-130		5/17/15 8:37
4-Bromofluorobenzene	99.4	70-130		5/17/15 8:37

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: Field Blank Sampled: 5/6/2015 14:50

Sample ID: 15E0319-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
1,1,1-Trichloroethane	ND	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 9:04	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		5/17/15 9:04
Toluene-d8	99.4	70-130		5/17/15 9:04
4-Bromofluorobenzene	99.6	70-130		5/17/15 9:04

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-3D Sampled: 5/6/2015 13:20

Sample ID: 15E0319-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	1.9	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Toluene	0.11	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 10:50	EEH
1,1,1-Trichloroethane	0.96	2.0	0.094	µg/L	1	J	EPA 624	5/16/15	5/17/15 10:50	EEH
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 10:50	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		5/17/15 10:50
Toluene-d8	100	70-130		5/17/15 10:50
4-Bromofluorobenzene	99.4	70-130		5/17/15 10:50

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-3S Sampled: 5/6/2015 13:24

Sample ID: 15E0319-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Toluene	0.10	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 11:19	EEH
1,1,1-Trichloroethane	2.0	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 11:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		5/17/15 11:19
Toluene-d8	98.6	70-130		5/17/15 11:19
4-Bromofluorobenzene	99.2	70-130		5/17/15 11:19

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-3I Sampled: 5/6/2015 13:29

Sample ID: 15E0319-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
1,1,1-Trichloroethane	3.6	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 14:37	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		5/17/15 14:37
Toluene-d8	98.9	70-130		5/17/15 14:37
4-Bromofluorobenzene	99.6	70-130		5/17/15 14:37

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-5S Sampled: 5/6/2015 13:35

Sample ID: 15E0319-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Toluene	0.16	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 15:05	CMR
1,1,1-Trichloroethane	2.0	2.0	0.094	µg/L	1	J	EPA 624	5/16/15	5/17/15 15:05	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 15:05	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		5/17/15 15:05
Toluene-d8	99.9	70-130		5/17/15 15:05
4-Bromofluorobenzene	99.0	70-130		5/17/15 15:05

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Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: MW-51 Sampled: 5/6/2015 13:40

Sample ID: 15E0319-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	4.7	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
1,1-Dichloroethane	0.47	2.0	0.16	µg/L	1	J	EPA 624	5/16/15	5/17/15 15:31	CMR
1,1-Dichloroethylene	0.22	2.0	0.21	µg/L	1	J	EPA 624	5/16/15	5/17/15 15:31	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Toluene	0.17	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 15:31	CMR
1,1,1-Trichloroethane	9.6	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 15:31	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		5/17/15 15:31
Toluene-d8	100	70-130		5/17/15 15:31
4-Bromofluorobenzene	98.0	70-130		5/17/15 15:31

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: MW-5D Sampled: 5/6/2015 13:45

Sample ID: 15E0319-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
1,2-Dichloroethane	1.0	2.0	0.19	µg/L	1	J	EPA 624	5/16/15	5/17/15 15:58	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
1,1-Dichloroethylene	0.29	2.0	0.21	µg/L	1	J	EPA 624	5/16/15	5/17/15 15:58	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Toluene	0.12	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 15:58	CMR
1,1,1-Trichloroethane	16	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 15:58	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		5/17/15 15:58
Toluene-d8	98.9	70-130		5/17/15 15:58
4-Bromofluorobenzene	99.2	70-130		5/17/15 15:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: MW-14D Sampled: 5/6/2015 13:55

Sample ID: 15E0319-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	5.7	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
1,1,1-Trichloroethane	10	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 16:30	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		5/17/15 16:30
Toluene-d8	99.3	70-130		5/17/15 16:30
4-Bromofluorobenzene	99.6	70-130		5/17/15 16:30

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-14I Sampled: 5/6/2015 14:03

Sample ID: 15E0319-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
1,1-Dichloroethane	2.0	2.0	0.16	µg/L	1	J	EPA 624	5/16/15	5/17/15 17:01	CMR
1,1-Dichloroethylene	1.1	2.0	0.21	µg/L	1	J	EPA 624	5/16/15	5/17/15 17:01	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
1,1,1-Trichloroethane	57	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 17:01	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		5/17/15 17:01
Toluene-d8	98.8	70-130		5/17/15 17:01
4-Bromofluorobenzene	98.9	70-130		5/17/15 17:01

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-14S Sampled: 5/6/2015 14:08

Sample ID: 15E0319-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Toluene	0.15	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 17:31	CMR
1,1,1-Trichloroethane	4.5	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 17:31	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		5/17/15 17:31
Toluene-d8	100	70-130		5/17/15 17:31
4-Bromofluorobenzene	102	70-130		5/17/15 17:31

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-14I Sampled: 5/6/2015 14:14

Sample ID: 15E0319-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	0.15	1.0	0.079	µg/L	1	J	EPA 624	5/16/15	5/17/15 18:01	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Chloroethane	1.7	2.0	0.16	µg/L	1	J	EPA 624	5/16/15	5/17/15 18:01	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1	MS-09	EPA 624	5/16/15	5/17/15 18:01	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Chloromethane	ND	2.0	0.32	µg/L	1	R-06	EPA 624	5/16/15	5/17/15 18:01	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
1,1-Dichloroethane	4.1	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
1,1-Dichloroethylene	0.30	2.0	0.21	µg/L	1	J	EPA 624	5/16/15	5/17/15 18:01	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Toluene	0.11	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 18:01	CMR
1,1,1-Trichloroethane	20	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 18:01	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		5/17/15 18:01
Toluene-d8	98.7	70-130		5/17/15 18:01
4-Bromofluorobenzene	99.4	70-130		5/17/15 18:01

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-15 Sampled: 5/6/2015 14:26

Sample ID: 15E0319-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	13	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
1,1-Dichloroethane	1.6	2.0	0.16	µg/L	1	J	EPA 624	5/16/15	5/17/15 18:31	CMR
1,1-Dichloroethylene	0.93	2.0	0.21	µg/L	1	J	EPA 624	5/16/15	5/17/15 18:31	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
1,1,1-Trichloroethane	32	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 18:31	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/17/15 18:31
Toluene-d8	101	70-130		5/17/15 18:31
4-Bromofluorobenzene	99.8	70-130		5/17/15 18:31

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-7S Sampled: 5/6/2015 15:04

Sample ID: 15E0319-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
1,1,1-Trichloroethane	5.1	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 19:00	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		5/17/15 19:00
Toluene-d8	101	70-130		5/17/15 19:00
4-Bromofluorobenzene	100	70-130		5/17/15 19:00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-7I Sampled: 5/6/2015 15:06

Sample ID: 15E0319-18

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Toluene	0.11	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 19:27	CMR
1,1,1-Trichloroethane	1.1	2.0	0.094	µg/L	1	J	EPA 624	5/16/15	5/17/15 19:27	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 19:27	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		5/17/15 19:27
Toluene-d8	100	70-130		5/17/15 19:27
4-Bromofluorobenzene	101	70-130		5/17/15 19:27

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-7D Sampled: 5/6/2015 15:09

Sample ID: 15E0319-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
1,1,1-Trichloroethane	10	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 19:54	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		5/17/15 19:54
Toluene-d8	98.5	70-130		5/17/15 19:54
4-Bromofluorobenzene	99.4	70-130		5/17/15 19:54

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-9I Sampled: 5/6/2015 15:20

Sample ID: 15E0319-20

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
1,1,1-Trichloroethane	3.0	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 20:21	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		5/17/15 20:21
Toluene-d8	100	70-130		5/17/15 20:21
4-Bromofluorobenzene	98.8	70-130		5/17/15 20:21

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-9D Sampled: 5/6/2015 15:26

Sample ID: 15E0319-21

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
1,1,1-Trichloroethane	ND	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 20:47	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		5/17/15 20:47
Toluene-d8	99.4	70-130		5/17/15 20:47
4-Bromofluorobenzene	98.6	70-130		5/17/15 20:47

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-6S Sampled: 5/6/2015 15:35

Sample ID: 15E0319-22

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Chloroform	1.4	2.0	0.14	µg/L	1	J	EPA 624	5/16/15	5/17/15 21:14	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
1,1,1-Trichloroethane	ND	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 21:14	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		5/17/15 21:14
Toluene-d8	99.4	70-130		5/17/15 21:14
4-Bromofluorobenzene	98.1	70-130		5/17/15 21:14

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-6I Sampled: 5/6/2015 15:40

Sample ID: 15E0319-23

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	1.5	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Toluene	0.15	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 21:41	CMR
1,1,1-Trichloroethane	2.4	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 21:41	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/17/15 21:41
Toluene-d8	99.1	70-130		5/17/15 21:41
4-Bromofluorobenzene	98.6	70-130		5/17/15 21:41

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Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-6D Sampled: 5/6/2015 15:45

Sample ID: 15E0319-24

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Toluene	0.11	1.0	0.090	µg/L	1	J	EPA 624	5/16/15	5/17/15 22:07	CMR
1,1,1-Trichloroethane	ND	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 22:07	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/17/15 22:07
Toluene-d8	99.4	70-130		5/17/15 22:07
4-Bromofluorobenzene	99.1	70-130		5/17/15 22:07

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-12I Sampled: 5/6/2015 15:50

Sample ID: 15E0319-25

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
1,1,1-Trichloroethane	ND	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 22:34	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/17/15 22:34
Toluene-d8	98.8	70-130		5/17/15 22:34
4-Bromofluorobenzene	99.4	70-130		5/17/15 22:34

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Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: TW-12D Sampled: 5/6/2015 15:55

Sample ID: 15E0319-26

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
1,1,1-Trichloroethane	ND	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 23:01	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		5/17/15 23:01
Toluene-d8	99.3	70-130		5/17/15 23:01
4-Bromofluorobenzene	99.0	70-130		5/17/15 23:01

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Project Location: South Ostellic, NY. Sample Description: Work Order: 15E0319

Date Received: 5/8/2015

Field Sample #: DUP-X Sampled: 5/6/2015 00:00

Sample ID: 15E0319-27

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	13	1.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
1,1-Dichloroethane	1.6	2.0	0.16	µg/L	1	J	EPA 624	5/16/15	5/17/15 23:28	CMR
1,1-Dichloroethylene	0.95	2.0	0.21	µg/L	1	J	EPA 624	5/16/15	5/17/15 23:28	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
1,1,1-Trichloroethane	33	2.0	0.094	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	5/16/15	5/17/15 23:28	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		5/17/15 23:28
Toluene-d8	98.1	70-130		5/17/15 23:28
4-Bromofluorobenzene	101	70-130		5/17/15 23:28

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Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15E0319-01 [RW-1]	B121894	5	5.00	05/16/15
15E0319-02 [RW-2]	B121894	5	5.00	05/16/15
15E0319-03 [EFF46HZ]	B121894	5	5.00	05/16/15
15E0319-04 [Trip Blank]	B121894	5	5.00	05/16/15
15E0319-05 [Field Blank]	B121894	5	5.00	05/16/15
15E0319-06 [TW-3D]	B121894	5	5.00	05/16/15
15E0319-07 [TW-3S]	B121894	5	5.00	05/16/15

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15E0319-08 [TW-3I]	B121895	5	5.00	05/16/15
15E0319-09 [TW-5S]	B121895	5	5.00	05/16/15
15E0319-10 [MW-51]	B121895	5	5.00	05/16/15
15E0319-11 [MW-5D]	B121895	5	5.00	05/16/15
15E0319-12 [MW-14D]	B121895	5	5.00	05/16/15
15E0319-13 [TW-14I]	B121895	5	5.00	05/16/15
15E0319-14 [TW-14S]	B121895	5	5.00	05/16/15
15E0319-15 [TW-14I]	B121895	5	5.00	05/16/15
15E0319-16 [TW-15]	B121895	5	5.00	05/16/15
15E0319-17 [TW-7S]	B121895	5	5.00	05/16/15
15E0319-18 [TW-7I]	B121895	5	5.00	05/16/15
15E0319-19 [TW-7D]	B121895	5	5.00	05/16/15
15E0319-20 [TW-9I]	B121895	5	5.00	05/16/15
15E0319-21 [TW-9D]	B121895	5	5.00	05/16/15
15E0319-22 [TW-6S]	B121895	5	5.00	05/16/15
15E0319-23 [TW-6I]	B121895	5	5.00	05/16/15
15E0319-24 [TW-6D]	B121895	5	5.00	05/16/15
15E0319-25 [TW-12I]	B121895	5	5.00	05/16/15
15E0319-26 [TW-12D]	B121895	5	5.00	05/16/15
15E0319-27 [DUP-X]	B121895	5	5.00	05/16/15

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B121894 - SW-846 5030B										
Blank (B121894-BLK1)				Prepared: 05/16/15 Analyzed: 05/17/15						
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
2-Chloroethyl Vinyl Ether	ND	10	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*26.1*		µg/L	25.0		104	70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101	70-130			
LCS (B121894-BS1)				Prepared & Analyzed: 05/16/15						
Benzene	9.33	1.0	µg/L	10.0		93.3	37-151			
Bromodichloromethane	9.38	2.0	µg/L	10.0		93.8	35-155			
Bromoform	9.60	2.0	µg/L	10.0		96.0	45-169			
Bromomethane	13.2	2.0	µg/L	10.0		132	20-242			
Carbon Tetrachloride	10.1	2.0	µg/L	10.0		101	70-140			
Chlorobenzene	9.21	2.0	µg/L	10.0		92.1	37-160			
Chlorodibromomethane	9.50	2.0	µg/L	10.0		95.0	53-149			
Chloroethane	9.66	2.0	µg/L	10.0		96.6	70-130			
2-Chloroethyl Vinyl Ether	83.7	10	µg/L	100		83.7	10-305			
Chloroform	9.56	2.0	µg/L	10.0		95.6	51-138			
Chloromethane	16.3	2.0	µg/L	10.0		163	20-273			
1,2-Dichlorobenzene	9.49	2.0	µg/L	10.0		94.9	18-190			
1,3-Dichlorobenzene	9.36	2.0	µg/L	10.0		93.6	59-156			

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B121894 - SW-846 5030B										
LCS (B121894-BS1)				Prepared & Analyzed: 05/16/15						
1,4-Dichlorobenzene	9.34	2.0	µg/L	10.0		93.4	18-190			
1,2-Dichloroethane	9.41	2.0	µg/L	10.0		94.1	49-155			
1,1-Dichloroethane	9.57	2.0	µg/L	10.0		95.7	59-155			
1,1-Dichloroethylene	9.99	2.0	µg/L	10.0		99.9	20-234			
trans-1,2-Dichloroethylene	8.99	2.0	µg/L	10.0		89.9	54-156			
1,2-Dichloropropane	9.24	2.0	µg/L	10.0		92.4	20-210			
cis-1,3-Dichloropropene	9.11	2.0	µg/L	10.0		91.1	20-227			
trans-1,3-Dichloropropene	9.04	2.0	µg/L	10.0		90.4	17-183			
Ethylbenzene	9.50	2.0	µg/L	10.0		95.0	37-162			
Methyl tert-Butyl Ether (MTBE)	9.63	2.0	µg/L	10.0		96.3	70-130			
Methylene Chloride	9.77	5.0	µg/L	10.0		97.7	50-221			
1,1,2,2-Tetrachloroethane	9.50	2.0	µg/L	10.0		95.0	46-157			
Tetrachloroethylene	9.17	2.0	µg/L	10.0		91.7	64-148			
Toluene	9.29	1.0	µg/L	10.0		92.9	47-150			
1,1,1-Trichloroethane	9.87	2.0	µg/L	10.0		98.7	52-162			
1,1,2-Trichloroethane	9.39	2.0	µg/L	10.0		93.9	52-150			
Trichloroethylene	9.71	2.0	µg/L	10.0		97.1	71-157			
Trichlorofluoromethane (Freon 11)	10.5	2.0	µg/L	10.0		105	17-181			
Vinyl Chloride	9.96	2.0	µg/L	10.0		99.6	20-251			
m+p Xylene	18.9	2.0	µg/L	20.0		94.3	70-130			
o-Xylene	9.48	2.0	µg/L	10.0		94.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.1*		µg/L	25.0		104	70-130			
Surrogate: Toluene-d8	*24.4*		µg/L	25.0		97.6	70-130			
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.0	70-130			
Batch B121895 - SW-846 5030B										
Blank (B121895-BLK1)				Prepared: 05/16/15 Analyzed: 05/17/15						
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
2-Chloroethyl Vinyl Ether	ND	10	µg/L							
Chloroform	0.24	2.0	µg/L							J
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B121895 - SW-846 5030B										
Blank (B121895-BLK1)				Prepared: 05/16/15 Analyzed: 05/17/15						
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*25.6*		µg/L	25.0		103	70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		99.8	70-130			
LCS (B121895-BS1)				Prepared: 05/16/15 Analyzed: 05/17/15						
Benzene	9.75	1.0	µg/L	10.0		97.5	37-151			
Bromodichloromethane	10.1	2.0	µg/L	10.0		101	35-155			
Bromoform	9.89	2.0	µg/L	10.0		98.9	45-169			
Bromomethane	11.6	2.0	µg/L	10.0		116	20-242			
Carbon Tetrachloride	10.6	2.0	µg/L	10.0		106	70-140			
Chlorobenzene	9.89	2.0	µg/L	10.0		98.9	37-160			
Chlorodibromomethane	9.85	2.0	µg/L	10.0		98.5	53-149			
Chloroethane	9.78	2.0	µg/L	10.0		97.8	70-130			
2-Chloroethyl Vinyl Ether	84.0	10	µg/L	100		84.0	10-305			
Chloroform	10.3	2.0	µg/L	10.0		103	51-138			
Chloromethane	15.6	2.0	µg/L	10.0		156	20-273			
1,2-Dichlorobenzene	10.0	2.0	µg/L	10.0		100	18-190			
1,3-Dichlorobenzene	9.78	2.0	µg/L	10.0		97.8	59-156			
1,4-Dichlorobenzene	9.67	2.0	µg/L	10.0		96.7	18-190			
1,2-Dichloroethane	10.2	2.0	µg/L	10.0		102	49-155			
1,1-Dichloroethane	9.88	2.0	µg/L	10.0		98.8	59-155			
1,1-Dichloroethylene	10.4	2.0	µg/L	10.0		104	20-234			
trans-1,2-Dichloroethylene	9.76	2.0	µg/L	10.0		97.6	54-156			
1,2-Dichloropropane	9.69	2.0	µg/L	10.0		96.9	20-210			
cis-1,3-Dichloropropene	9.23	2.0	µg/L	10.0		92.3	20-227			
trans-1,3-Dichloropropene	9.29	2.0	µg/L	10.0		92.9	17-183			
Ethylbenzene	9.97	2.0	µg/L	10.0		99.7	37-162			
Methyl tert-Butyl Ether (MTBE)	9.97	2.0	µg/L	10.0		99.7	70-130			
Methylene Chloride	10.4	5.0	µg/L	10.0		104	50-221			
1,1,2,2-Tetrachloroethane	9.50	2.0	µg/L	10.0		95.0	46-157			
Tetrachloroethylene	9.59	2.0	µg/L	10.0		95.9	64-148			
Toluene	9.99	1.0	µg/L	10.0		99.9	47-150			
1,1,1-Trichloroethane	10.4	2.0	µg/L	10.0		104	52-162			
1,1,2-Trichloroethane	9.97	2.0	µg/L	10.0		99.7	52-150			
Trichloroethylene	10.4	2.0	µg/L	10.0		104	71-157			
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110	17-181			
Vinyl Chloride	10.1	2.0	µg/L	10.0		101	20-251			
m+p Xylene	19.6	2.0	µg/L	20.0		98.0	70-130			
o-Xylene	9.91	2.0	µg/L	10.0		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.7*		µg/L	25.0		107	70-130			
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100	70-130			

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B121895 - SW-846 5030B											
Matrix Spike (B121895-MS1)	**Source: 15E0319-15**			Prepared: 05/16/15 Analyzed: 05/17/15							
Benzene	10.5	1.0	µg/L	10.0	0.150	103		37-151			
Bromodichloromethane	9.97	2.0	µg/L	10.0	ND	99.7		35-155			
Bromoform	10.2	2.0	µg/L	10.0	ND	102		45-169			
Bromomethane	12.4	2.0	µg/L	10.0	ND	124		20-242			
Carbon Tetrachloride	11.4	2.0	µg/L	10.0	ND	114		70-140			
Chlorobenzene	10.1	2.0	µg/L	10.0	ND	101		37-160			
Chlorodibromomethane	10.1	2.0	µg/L	10.0	ND	101		53-149			
Chloroethane	12.1	2.0	µg/L	10.0	1.71	104		70-130			
2-Chloroethyl Vinyl Ether	ND	10	µg/L	100	ND		*	10-305			MS-09
Chloroform	10.6	2.0	µg/L	10.0	ND	106		51-138			
Chloromethane	11.5	2.0	µg/L	10.0	ND	115		20-273			R-06
1,2-Dichlorobenzene	10.2	2.0	µg/L	10.0	ND	102		18-190			
1,3-Dichlorobenzene	10.1	2.0	µg/L	10.0	ND	101		59-156			
1,4-Dichlorobenzene	10.0	2.0	µg/L	10.0	ND	100		18-190			
1,2-Dichloroethane	10.2	2.0	µg/L	10.0	ND	102		49-155			
1,1-Dichloroethane	14.4	2.0	µg/L	10.0	4.06	104		59-155			
1,1-Dichloroethylene	11.6	2.0	µg/L	10.0	0.300	113		20-234			
trans-1,2-Dichloroethylene	10.1	2.0	µg/L	10.0	ND	101		54-156			
1,2-Dichloropropane	10.0	2.0	µg/L	10.0	ND	100		20-210			
cis-1,3-Dichloropropene	8.72	2.0	µg/L	10.0	ND	87.2		20-227			
trans-1,3-Dichloropropene	8.92	2.0	µg/L	10.0	ND	89.2		17-183			
Ethylbenzene	10.5	2.0	µg/L	10.0	ND	105		37-162			
Methyl tert-Butyl Ether (MTBE)	10.0	2.0	µg/L	10.0	ND	100		70-130			
Methylene Chloride	10.2	5.0	µg/L	10.0	ND	102		50-221			
1,1,2,2-Tetrachloroethane	9.86	2.0	µg/L	10.0	ND	98.6		46-157			
Tetrachloroethylene	10.4	2.0	µg/L	10.0	ND	104		64-148			
Toluene	10.4	1.0	µg/L	10.0	0.110	103		47-150			
1,1,1-Trichloroethane	31.0	2.0	µg/L	10.0	19.6	114		52-162			
1,1,2-Trichloroethane	10.4	2.0	µg/L	10.0	ND	104		52-150			
Trichloroethylene	11.0	2.0	µg/L	10.0	ND	110		71-157			
Trichlorofluoromethane (Freon 11)	12.1	2.0	µg/L	10.0	ND	121		17-181			
Vinyl Chloride	11.2	2.0	µg/L	10.0	ND	112		20-251			
m+p Xylene	20.6	2.0	µg/L	20.0	ND	103		70-130			
o-Xylene	10.3	2.0	µg/L	10.0	ND	103		70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.5*		µg/L	25.0		106		70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100		70-130			
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.6		70-130			
Matrix Spike Dup (B121895-MSD1)	**Source: 15E0319-15**			Prepared: 05/16/15 Analyzed: 05/18/15							
Benzene	10.5	1.0	µg/L	10.0	0.150	104		37-151	0.286	20	
Bromodichloromethane	10.5	2.0	µg/L	10.0	ND	105		35-155	4.89	20	
Bromoform	10.1	2.0	µg/L	10.0	ND	101		45-169	0.493	20	
Bromomethane	11.8	2.0	µg/L	10.0	ND	118		20-242	5.36	20	
Carbon Tetrachloride	11.7	2.0	µg/L	10.0	ND	117		70-140	2.69	20	
Chlorobenzene	10.4	2.0	µg/L	10.0	ND	104		37-160	2.73	20	
Chlorodibromomethane	10.3	2.0	µg/L	10.0	ND	103		53-149	2.25	20	
Chloroethane	12.0	2.0	µg/L	10.0	1.71	103		70-130	0.664	20	
2-Chloroethyl Vinyl Ether	ND	10	µg/L	100	ND		*	10-305	NC	20	MS-09
Chloroform	10.8	2.0	µg/L	10.0	ND	108		51-138	1.03	20	
Chloromethane	16.6	2.0	µg/L	10.0	ND	166		20-273	**36.3**	* 20	R-06
1,2-Dichlorobenzene	10.4	2.0	µg/L	10.0	ND	104		18-190	1.94	20	
1,3-Dichlorobenzene	10.4	2.0	µg/L	10.0	ND	104		59-156	2.74	20	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B121895 - SW-846 5030B										
Matrix Spike Dup (B121895-MSD1)	**Source: 15E0319-15**			Prepared: 05/16/15 Analyzed: 05/18/15						
1,4-Dichlorobenzene	10.4	2.0	µg/L	10.0	ND	104	18-190	3.44	20	
1,2-Dichloroethane	10.2	2.0	µg/L	10.0	ND	102	49-155	0.391	20	
1,1-Dichloroethane	14.5	2.0	µg/L	10.0	4.06	105	59-155	0.829	20	
1,1-Dichloroethylene	11.7	2.0	µg/L	10.0	0.300	114	20-234	0.344	20	
trans-1,2-Dichloroethylene	10.6	2.0	µg/L	10.0	ND	106	54-156	5.41	20	
1,2-Dichloropropane	9.98	2.0	µg/L	10.0	ND	99.8	20-210	0.500	20	
cis-1,3-Dichloropropene	8.95	2.0	µg/L	10.0	ND	89.5	20-227	2.60	20	
trans-1,3-Dichloropropene	9.01	2.0	µg/L	10.0	ND	90.1	17-183	1.00	20	
Ethylbenzene	10.7	2.0	µg/L	10.0	ND	107	37-162	1.51	20	
Methyl tert-Butyl Ether (MTBE)	10.1	2.0	µg/L	10.0	ND	101	70-130	0.992	20	
Methylene Chloride	10.8	5.0	µg/L	10.0	ND	108	50-221	5.71	20	
1,1,2,2-Tetrachloroethane	9.73	2.0	µg/L	10.0	ND	97.3	46-157	1.33	20	
Tetrachloroethylene	10.4	2.0	µg/L	10.0	ND	104	64-148	0.0961	20	
Toluene	10.5	1.0	µg/L	10.0	0.110	104	47-150	0.573	20	
1,1,1-Trichloroethane	30.6	2.0	µg/L	10.0	19.6	110	52-162	1.26	20	
1,1,2-Trichloroethane	10.3	2.0	µg/L	10.0	ND	103	52-150	0.484	20	
Trichloroethylene	11.1	2.0	µg/L	10.0	ND	111	71-157	0.995	20	
Trichlorofluoromethane (Freon 11)	12.4	2.0	µg/L	10.0	ND	124	17-181	2.94	20	
Vinyl Chloride	12.8	2.0	µg/L	10.0	ND	128	20-251	13.7	20	
m+p Xylene	21.0	2.0	µg/L	20.0	ND	105	70-130	1.78	20	
o-Xylene	10.4	2.0	µg/L	10.0	ND	104	70-130	0.966	20	
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.3	70-130			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
MS-09	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 624 in Water	
Benzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Bromodichloromethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Bromoform	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Bromomethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Carbon Tetrachloride	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Chlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Chlorodibromomethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Chloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
2-Chloroethyl Vinyl Ether	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Chloroform	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Chloromethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,2-Dichlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,3-Dichlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,4-Dichlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,2-Dichloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,1-Dichloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,1-Dichloroethylene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
trans-1,2-Dichloroethylene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,2-Dichloropropane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
cis-1,3-Dichloropropene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
trans-1,3-Dichloropropene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Ethylbenzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,1,2,2-Tetrachloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Tetrachloroethylene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Toluene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,1,1-Trichloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,1,2-Trichloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Trichloroethylene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Trichlorofluoromethane (Freon 11)	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Vinyl Chloride	CT,MA,NH,NY,RI,NC,ME,VA,NJ
m+p Xylene	CT,MA,NH,NY,RI,NC,VA,NJ
o-Xylene	CT,MA,NH,NY,RI,NC,VA,NJ

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

NEW YORK STATE

15E0319

39 Spruce Street
East longmeadow, MA 01028

Company Name: ARCADIS
Address: 855 Route 146, Suite 210
Clifton Park, NY 12065
Attention: Jeremy Wyckoff
Project Location: South Otselic, NY
Sampled By: A. Goodrich / B. Arglieri

Telephone: 518-250-7300
Project # 30026640060000
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax # / Email: amber.goodrich@arcadis-us.com; ~~jeremy.wyckoff@arcadis-us.com~~
Format: ○ PDF ○ EXCEL ○ GIS ● OTHER NYSDEC EQUIS
○ "Enhanced Data Package"

○ Project Proposal Provided? (for billing purposes)

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
01	RW-1	5/6/15	14:32	—	X	GW		3	H	V
02	RW-2	5/6/15	14:36	—	X	GW		3	H	V
03	EFF46HZ	5/6/15	14:40	—	X	GW		3	H	V
04	Trip Blank	—	—	—	—	—		2	H	V
~~05~~	Temp Blank	—	—	—	—	—		1	H	V
05 ~~06~~	Field Blank	5/6/15	14:50	—	X	O		3	H	V
06 ~~07~~	RW-3D	5/6/15	13:20	—	X	GW		3	H	V
07 ~~08~~	RW-3S	5/6/15	13:24	—	X	GW		3	H	V
08 ~~09~~	RW-3I	5/6/15	13:29	—	X	GW		3	H	V
09 ~~10~~	RW-5S	5/6/15	13:35	—	X	GW		3	H	V

ANALYSIS REQUESTED
VOCs EPA 624

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments: ~~Please run RW-1, RW-2 and EFF46HZ for analysis~~ ~~incorporated on COC, not on bottle/vial~~ ~~by~~

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
Cameron Goodrich	5/8/15 11:00		
Received by: (signature) 3.0	Date/Time: 5.8.15 9:59	Received by:	Date/Time:
Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
Received by: (signature)	Date/Time:	Received by:	Date/Time:

Turnaround †
☐ 5-Day
☐ 7 Day
☒ 10-Day or ___
RUSH †
24 hr ○ 48 hr ○
72 hr ○ 4 day ○
† Require lab approval

Program Information/Regulatory
○ NY TOGS ○ NY Restricted Use ○ NY Part 375
○ AWQ STDS ○ NY Unrestricted Use ○ NY CP-51
○ NYC Sewer Discharge ○ Other:
○ Part 360 GW (Landfill)

Deliverables
○ ASP-A ○ Equis (1 file) ● Other:
● ASP-B ○ Equis (4 file) NYSDEC EQUIS

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED. PLEASE BE CAREFUL TO NOT CONTAMINATE THIS DOCUMENT

Table of Contents

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

NEW YORK STATE

39 Spruce Street
East longmeadow, MA 01028

15E0319

Company Name: ARCADIS
Address: 855 Route 146, Suite 210
Clifton Park, NY 12065
Attention: Jeremy Nyckoff
Project Location: South Glens Falls, NY
Sampled By: A. Goodrich / B. Quaglieri

Telephone: 518-250-7300
Project # 30026640.0000
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax # amber.goodrich@arcadis-us.com
Email:
Format: PDF ○ EXCEL ○ GIS ○
◉ OTHER NYSDEC EQUIS
○ "Enhanced Data Package"

○ Project Proposal Provided? (for billing purposes)

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
10 X	MW-5I	5/6/15	13:40	—	X	GW		3	H	V
11 12	MW-5D		13:45							
12 13	MW-14D		13:55							
13 14	MW-14I		14:03							
14 15	MW-14S		14:08							
15 16	MW-4I		14:14							
16 17	MW-15		14:26							
17 18	TW-7S		15:04							
18 19	TW-7I		15:06							
19 20	TW-7D	↓	15:09	↓	↓	↓		↓		

ANALYSIS REQUESTED
VOCs EPA 624

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 5/8/15 11:00	Relinquished by:	Date/Time:
Received by: (signature)	Date/Time: 5.8.15 9:59	Received by:	Date/Time:
Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
Received by: (signature)	Date/Time:	Received by:	Date/Time:

Turnaround †
☐ 5-Day
☐ 7 Day
☒ 10-Day or ___
RUSH †
24 hr ○ 48 hr ○
72 hr ○ 4 day ○
† Require lab approval

Program Information/Regulatory
○ NY TOGS ○ NY Restricted Use ○ NY Part 375
○ AWQ STDS ○ NY Unrestricted Use ○ NY CP-51
○ NYC Sewer Discharge ○ Other:
○ Part 360 GW (Landfill)

Deliverables
○ ASP-A ○ Equis (1 file) ◉ Other:
◉ ASP-B ○ Equis (4 file) NYSDECEQUIS

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED. PLEASE BE CAREFUL TO NOT CONTAMINATE THIS DOCUMENT

Table of Contents

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CHAIN OF CUSTODY RECORD

NEW YORK STATE

39 Spruce Street
East longmeadow, MA 01028

1SE0319

Company Name: ARCADIS
Address: 855 Route 146, Suite 210
Clifton Park, NY 12065
Attention: Jeremy Nyckoff
Project Location: South Otselic, NY
Sampled By: A. Goodrich / B. Quaglieri

Telephone: 518-250-7300
Project # 30216406.0000
Client PO#

O Project Proposal Provided? (for billing purposes)

DATA DELIVERY (check all that apply)
O FAX ● EMAIL O WEBSITE
Fax#/Email: amber.goodrich@arcadis-us.com
Format: PDF O EXCEL O GIS O
● OTHER NYSDECEQUIS
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
20 21	TW-9I	5/6/15	15:20	—	X	GW		3	H	V
21 22	TW-9D		15:26							
22 23	TW-6S		15:35							
23 24	TW-6I		15:40							
24 25	TW-6D		15:45							
25 26	TW-12I		15:50							
26 27	TW-12D		15:55							
27 28	DUP-X	5/6/15	—	—						
15 16	TW-4I-MS		14:14							
15 16	TW-4I-MSD		14:14							

ANALYSIS REQUESTED: VOCs EPA 624

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
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**Preservation
I = Iced
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DW= drinking water
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Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
Received by: (signature)	Date/Time: 5.8.15 9:59	Received by:	Date/Time:
Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
Received by: (signature)	Date/Time:	Received by:	Date/Time:

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☐ 5-Day
☐ 7 Day
☒ 10-Day or ___
RUSH †
24 hr O 48 hr O
72 hr O 4 day O
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O Part 360 GW (Landfill)

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● ASP-B O Equis (4 file)

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Table of Contents

FedEx ® Tracking

773551501396

Ship (P/U) date :
Thur 5/07/2015 4:21 pm

Clifton Park, NY US

Delivered

Signed for by: P.BLAKE

Actual delivery :
Fri 5/08/2015 9:59 am

EAST LONGMEADOW, MA US

Travel History

Date/Time	Activity	Location
5/08/2015 - Friday		
9:59 am	Delivered	EAST LONGMEADOW, MA
8:43 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
8:37 am	At local FedEx facility	WINDSOR LOCKS, CT
4:14 am	Departed FedEx location	NEWARK, NJ
12:14 am	Arrived at FedEx location	NEWARK, NJ
5/07/2015 - Thursday		
9:00 pm	Left FedEx origin facility	MENANDS, NY
4:21 pm	Picked up	MENANDS, NY
2:16 pm	Shipment information sent to FedEx	

Shipment Facts

Tracking number	773551501396	**Service**	FedEx Priority Overnight
Weight	29 lbs / 13.15 kgs	**Delivered To**	Shipping/Receiving
Total pieces	1	**Total shipment weight**	29 lbs / 13.15 kgs
Shipper reference	00266406.0000	**Packaging**	Your Packaging
Special handling section	Deliver Weekday		

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

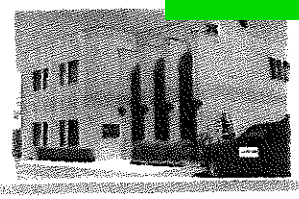
Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** PB **Date/Time:** 5.8.15 9:59

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Arcadis **RECEIVED BY:** PR **DATE:** 5.8.15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No

If not, explain:

3) **Are all the samples in good condition?** (Yes) No

If not, explain:

4) **How were the samples received:**

On Ice (X) Direct from Sampling ☐ Ambient ☐ In Cooler(s) (☒)

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 3.0 Temperature °C by Temp gun _____

5) **Are there Dissolved samples for the lab to filter?** Yes (No)

Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)

Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** Login

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	83	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments: Sample #1 "RW-1" Recieved with 2 Vials Broken
Sample #3 "EFF46H2" Recieved with 1 Vial Broken

40 mL vials: # HCl 83 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 8, 2015

Jeremy Wyckoff
Arcadis US, Inc. - Clifton Park-NY
855 Route 146, Suite 210
Clifton Park, NY 12065

Project Location: S. Otselic, NY
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 15F1140

Enclosed are results of analyses for samples received by the laboratory on June 24, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

Table of Contents

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Arcadis US, Inc. - Clifton Park-NY
855 Route 146, Suite 210
Clifton Park, NY 12065
ATTN: Jeremy Wyckoff

REPORT DATE: 7/8/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1140

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: S. Otselic, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RW-1	15F1140-01	Water		EPA 624	
RW-2	15F1140-02	Water		EPA 624	
EFF 46 HZ	15F1140-03	Water		EPA 624	
Trip Blank	15F1140-04	Trip Blank Water		EPA 624	

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA 624

Qualifications:

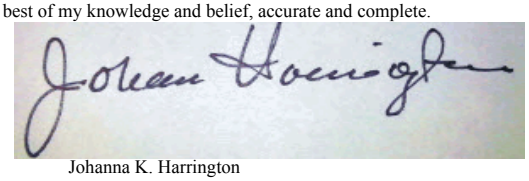
V-06

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

1,4-Dioxane
B125501-BS1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: S. Otselic, NY | Sample Description: | Work Order: 15F1140

Date Received: 6/24/2015

Field Sample #: RW-1 | Sampled: 6/22/2015 12:30

Sample ID: 15F1140-01

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
1,1-Dichloroethane	1.8	2.0	0.16	µg/L	1	J	EPA 624	7/6/15	7/6/15 21:03	MFF
1,1-Dichloroethylene	0.99	2.0	0.21	µg/L	1	J	EPA 624	7/6/15	7/6/15 21:03	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
1,1,1-Trichloroethane	41	2.0	0.094	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	7/6/15	7/6/15 21:03	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		7/6/15 21:03
Toluene-d8	98.8	70-130		7/6/15 21:03
4-Bromofluorobenzene	99.2	70-130		7/6/15 21:03

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: S. Otselic, NY | Sample Description: | Work Order: 15F1140

Date Received: 6/24/2015

Field Sample #: RW-2 | Sampled: 6/22/2015 12:35

Sample ID: 15F1140-02

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
1,1-Dichloroethane	1.1	2.0	0.16	µg/L	1	J	EPA 624	7/6/15	7/6/15 21:36	MFF
1,1-Dichloroethylene	1.0	2.0	0.21	µg/L	1	J	EPA 624	7/6/15	7/6/15 21:36	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
1,1,1-Trichloroethane	48	2.0	0.094	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	7/6/15	7/6/15 21:36	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.5	70-130		7/6/15 21:36
Toluene-d8	99.6	70-130		7/6/15 21:36
4-Bromofluorobenzene	97.0	70-130		7/6/15 21:36

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: S. Otselic, NY | Sample Description: | Work Order: 15F1140

Date Received: 6/24/2015

Field Sample #: EFF 46 HZ | Sampled: 6/22/2015 12:40

Sample ID: 15F1140-03

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Chlorobenzene	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Toluene	ND	1.0	0.090	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
1,1,1-Trichloroethane	0.22	2.0	0.094	µg/L	1	J	EPA 624	7/6/15	7/6/15 20:30	MFF
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
m+p Xylene	ND	2.0	0.18	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	7/6/15	7/6/15 20:30	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.3	70-130		7/6/15 20:30
Toluene-d8	99.7	70-130		7/6/15 20:30
4-Bromofluorobenzene	100	70-130		7/6/15 20:30

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: S. Otselic, NY | Sample Description: | Work Order: 15F1140

Date Received: 6/24/2015

Field Sample #: Trip Blank | Sampled: 6/22/2015 00:00

Sample ID: 15F1140-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.079	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Bromodichloromethane	ND	2.0	0.088	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Carbon Tetrachloride	ND	2.0	0.10	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Chlorobenzene	0.25	2.0	0.12	µg/L	1	J	EPA 624	7/6/15	7/6/15 19:58	MFF
Chlorodibromomethane	ND	2.0	0.054	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Chloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Chloroform	ND	2.0	0.14	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Chloromethane	ND	2.0	0.32	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
1,2-Dichlorobenzene	ND	2.0	0.076	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
1,3-Dichlorobenzene	ND	2.0	0.079	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
1,4-Dichlorobenzene	ND	2.0	0.046	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
1,2-Dichloropropane	ND	2.0	0.11	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
cis-1,3-Dichloropropene	ND	2.0	0.062	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
trans-1,3-Dichloropropene	ND	2.0	0.056	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Ethylbenzene	ND	2.0	0.092	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Tetrachloroethylene	ND	2.0	0.080	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Toluene	0.47	1.0	0.090	µg/L	1	J	EPA 624	7/6/15	7/6/15 19:58	MFF
1,1,1-Trichloroethane	ND	2.0	0.094	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
1,1,2-Trichloroethane	ND	2.0	0.12	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Trichloroethylene	ND	2.0	0.077	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF
m+p Xylene	0.27	2.0	0.18	µg/L	1	J	EPA 624	7/6/15	7/6/15 19:58	MFF
o-Xylene	ND	2.0	0.11	µg/L	1		EPA 624	7/6/15	7/6/15 19:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.2	70-130		7/6/15	19:58
Toluene-d8	99.8	70-130		7/6/15	19:58
4-Bromofluorobenzene	101	70-130		7/6/15	19:58

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Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15F1140-01 [RW-1]	B125501	5	5.00	07/06/15
15F1140-02 [RW-2]	B125501	5	5.00	07/06/15
15F1140-03 [EFF 46 HZ]	B125501	5	5.00	07/06/15
15F1140-04 [Trip Blank]	B125501	5	5.00	07/06/15

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B125501 - SW-846 5030B										
Blank (B125501-BLK1)				Prepared & Analyzed: 07/06/15						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
2-Chloroethyl Vinyl Ether	ND	10	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
1,4-Dioxane	ND	50	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		98.2	70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101	70-130			
LCS (B125501-BS1)				Prepared & Analyzed: 07/06/15						
Acetone	105	50	µg/L	100		105	70-160			†
Benzene	11.1	1.0	µg/L	10.0		111	37-151			
Bromodichloromethane	9.80	2.0	µg/L	10.0		98.0	35-155			
Bromoform	8.73	2.0	µg/L	10.0		87.3	45-169			
Bromomethane	8.47	2.0	µg/L	10.0		84.7	20-242			
Carbon Tetrachloride	11.0	2.0	µg/L	10.0		110	70-140			
Chlorobenzene	10.1	2.0	µg/L	10.0		101	37-160			
Chlorodibromomethane	10.6	2.0	µg/L	10.0		106	53-149			
Chloroethane	9.57	2.0	µg/L	10.0		95.7	70-130			
2-Chloroethyl Vinyl Ether	108	10	µg/L	100		108	10-305			
Chloroform	10.7	2.0	µg/L	10.0		107	51-138			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B125501 - SW-846 5030B												
LCS (B125501-BS1)				Prepared & Analyzed: 07/06/15								
Chloromethane	10.2	2.0	µg/L	10.0		102		20-273				
1,2-Dichlorobenzene	8.93	2.0	µg/L	10.0		89.3		18-190				
1,3-Dichlorobenzene	9.03	2.0	µg/L	10.0		90.3		59-156				
1,4-Dichlorobenzene	8.69	2.0	µg/L	10.0		86.9		18-190				
1,2-Dichloroethane	9.31	2.0	µg/L	10.0		93.1		49-155				
1,1-Dichloroethane	10.8	2.0	µg/L	10.0		108		59-155				
1,1-Dichloroethylene	9.41	2.0	µg/L	10.0		94.1		20-234				
trans-1,2-Dichloroethylene	10.7	2.0	µg/L	10.0		107		54-156				
1,2-Dichloropropane	10.2	2.0	µg/L	10.0		102		20-210				
cis-1,3-Dichloropropene	9.80	2.0	µg/L	10.0		98.0		20-227				
1,4-Dioxane	133	50	µg/L	100		**133**	*	40-130			V-06	†
trans-1,3-Dichloropropene	10.1	2.0	µg/L	10.0		101		17-183				
Ethylbenzene	9.72	2.0	µg/L	10.0		97.2		37-162				
Methyl tert-Butyl Ether (MTBE)	9.46	2.0	µg/L	10.0		94.6		70-130				
Methylene Chloride	12.7	5.0	µg/L	10.0		127		50-221				
1,1,2,2-Tetrachloroethane	10.2	2.0	µg/L	10.0		102		46-157				
Tetrachloroethylene	11.0	2.0	µg/L	10.0		110		64-148				
Toluene	10.6	1.0	µg/L	10.0		106		47-150				
1,1,1-Trichloroethane	10.6	2.0	µg/L	10.0		106		52-162				
1,1,2-Trichloroethane	10.5	2.0	µg/L	10.0		105		52-150				
Trichloroethylene	10.5	2.0	µg/L	10.0		105		71-157				
Trichlorofluoromethane (Freon 11)	10.5	2.0	µg/L	10.0		105		17-181				
Vinyl Chloride	8.45	2.0	µg/L	10.0		84.5		20-251				
m+p Xylene	19.8	2.0	µg/L	20.0		99.1		70-130				
o-Xylene	9.45	2.0	µg/L	10.0		94.5		70-130				
Surrogate: 1,2-Dichloroethane-d4	*22.9*		µg/L	25.0		91.6		70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*26.6*		µg/L	25.0		107		70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 624 in Water	
Benzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Bromodichloromethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Bromoform	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Bromomethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Carbon Tetrachloride	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Chlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Chlorodibromomethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Chloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
2-Chloroethyl Vinyl Ether	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Chloroform	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Chloromethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,2-Dichlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,3-Dichlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,4-Dichlorobenzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,2-Dichloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,1-Dichloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,1-Dichloroethylene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
trans-1,2-Dichloroethylene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,2-Dichloropropane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
cis-1,3-Dichloropropene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
trans-1,3-Dichloropropene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Ethylbenzene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Methyl tert-Butyl Ether (MTBE)	NC
Methylene Chloride	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,1,2,2-Tetrachloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Tetrachloroethylene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Toluene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,1,1-Trichloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
1,1,2-Trichloroethane	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Trichloroethylene	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Trichlorofluoromethane (Freon 11)	CT,MA,NH,NY,RI,NC,ME,VA,NJ
Vinyl Chloride	CT,MA,NH,NY,RI,NC,ME,VA,NJ
m+p Xylene	CT,MA,NH,NY,RI,NC,VA,NJ
o-Xylene	CT,MA,NH,NY,RI,NC,VA,NJ

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

CHAIN OF CUSTODY RECORD

NEW YORK STATE

15F1140

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

Company Name: ARCADIS
Address: 855 Route 146, STE210
Clifton Park, NY 12065
Attention: Jeremy Wyckoff
Project Location: Scotia, NY
Sampled By: J. Wyckoff

Telephone: 518-250-7300
Project # 00266406.0000
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email: jeremy.wyckoff@arcadis-us.com
Format: PDF ● EXCEL ● GIS ○
● OTHER NYSDEC EQUIS

○ Project Proposal Provided? (for billing purposes)
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
01	RW-1	1230	6/22/15		X		M	4	H	V
02	RW-2	1235	6/22/15		X		M	4	H	V
03	EFF 46 HZ	1240	6/22/15		X		L	4	H	V
04	TRIP BLANK	–	6/22/15		X	–	–	2	H	V

ANALYSIS REQUESTED: 8260

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
	1300 6/22/15		
Received by: (signature)	Date/Time: 6-23-15 1230 Pm	Received by:	Date/Time:
Relinquished by: (Signature)	Date/Time: 6-23-15 5:00 Pm	Relinquished by:	Date/Time:
Received by: (signature) 20°C	Date/Time: 6/24/15 9:36	Received by:	Date/Time:

Turnaround †
☐ 5-Day
☐ 7 Day
☑ 10-Day or ___
RUSH †
24 hr ○ 48 hr ○
72 hr ○ 4 day ○
† Require lab approval

Program Information/Regulatory
● NY TOGS ○ NY Restricted Use ○ NY Part 375
○ AWQ STDS ○ NY Unrestricted Use ○ NY CP-51
○ NYC Sewer Discharge ○ Other:
○ Part 360 GW (Landfill)

Deliverables
○ ASP-A ○ Equis (1 file) ○ Other:
● ASP-B ● Equis (4 file)

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED. PLEASE BE CAREFUL TO NOT CONTAMINATE THIS DOCUMENT

Table of Contents

FedEx ® Tracking

773900564243

Ship (P/U) date :
Tues 6/23/2015 5:58 pm

ALBANY, NY US

Delivered

Signed for by: L.WILSON

Actual delivery :
Wed 6/24/2015 9:36 am

EAST LONGMEADOW, MA US

Travel History

Date/Time	Activity	Location
6/24/2015 - Wednesday		
9:36 am	Delivered	EAST LONGMEADOW, MA
7:45 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
7:39 am	At local FedEx facility	WINDSOR LOCKS, CT
3:15 am	Departed FedEx location	NEWARK, NJ
12:07 am	Arrived at FedEx location	NEWARK, NJ
6/23/2015 - Tuesday		
9:00 pm	Left FedEx origin facility	MENANDS, NY
5:58 pm	Picked up	ALBANY, NY
	Tendered at FedEx Office	
4:53 pm	Shipment information sent to FedEx	

Shipment Facts

Tracking number	773900564243	**Service**	FedEx Priority Overnight
Weight	80 lbs / 36.29 kgs	**Dimensions**	28x15x15 in.
Delivered To	Shipping/Receiving	**Total pieces**	1
Total shipment weight	80 lbs / 36.29 kgs	**Shipper reference**	85
Packaging	Your Packaging	**Special handling section**	Deliver Weekday, Additional Handling Surcharge

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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Sample Receipt Checklist

CLIENT NAME: Arcadis RECEIVED BY: KKM DATE: 6/24/15

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 2.0 Temperature °C by Temp gun _____

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:**

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A)

9) **Do all samples have the proper Base pH:** Yes No (N/A)

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	11	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 11 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** KKM **Date/Time:** 6/24/15 9:36

APPENDIX D

Generally Acceptable Procedure for PDB Samplers

GENERALLY ACCEPTABLE PROCEDURE

FOR

PASSIVE DIFFUSION BAG SAMPLERS

PURPOSE/APPLICATION

Water-filled passive diffusion bag (PDB) samplers can be an effective, simple and inexpensive alternative to traditional groundwater sampling methods for measuring concentrations of a variety of volatile organic compounds (VOCs) in groundwater.

A typical passive diffusion bag sampler consists of low-density polyethylene lay-flat tube closed at both ends containing deionized water. The samplers operate by chemical diffusion across the semipermeable polyethylene membrane until a chemical equilibrium exists on both sides of the membrane. The samplers may be used individually or in "stacks" (several samplers positioned vertically at target depths) to assess the vertical distribution of VOCs in a well.

ADVANTAGES

- # PDB samplers produce little to no purge water, thus reducing sampling and disposal costs.
- # PDB samplers are relatively inexpensive.
- # PDB samplers are simple to deploy and recover.
- # PDB samplers are dedicated, single use, thus, there is no down-hole equipment to be decontaminated between wells.
- # Sampler deployment and recovery is rapid, making PDB samplers desirable for use where access is a problem or where discretion is necessary (residential communities, business districts, or busy streets).
- # PDB samplers are not affected by turbidity. The pore size of the polyethylene sampler is 10 angstroms or less which prevents sediment from entering the PDB sampler.
- # PDB samplers reduce interference from purge water mixing.
- # PDB samplers typically require less labor compared to traditional purge techniques.

LIMITATIONS

- # PDB samplers are not effective for obtaining representative concentrations of all compounds. Water-filled polyethylene PDB samplers typically do not provide representative concentrations of MTBE (methyl-*tert*-butyl ether), acetone, SVOCs, PCBs, and metals. Factors that limit the ability of compounds to diffuse

through the PDB membrane include molecular size, shape, and any hydrophobic properties of the compounds.

- # PDB samplers typically take about 14 days to reach equilibrium concentrations. This could be a limitation if the goal of the sampling event is to gain a representative sample at a single point in time in an aquifer where VOC concentrations change more rapidly than the samplers equilibrate.
- # In wells containing stratified chemical concentrations, concentrations in a single PDB sampler may not represent the zone with the highest concentration.
- # Because wells sampled with PDB samplers are not purged, information on common field parameters is not obtained.
- # Requires careful placement at known depth for repeatable results.
- # PDB samplers provide only a limited sample volume.
- # PDB samplers are not universally accepted by all regulatory agencies. Consult with regulators before using.

RECOMMENDED EQUIPMENT

- # Polyethylene passive diffusion bags.
- # Deionized water
- # Stainless steel weights
- # Rope/wire with sufficient strength to support the weight and sampler. The rope/wire should be non-elastic (i.e. polyester, nylon, or stainless steel or Teflon coated stainless steel wire).
- # Hooks to secure the rope/wire to the well casing
- # Electronic water level probe
- # Measuring tape
- # Nitrile or Latex protective gloves.

EQUIPMENT DECONTAMINATION

PDB samplers are single-use disposable samplers, thus no decontamination is necessary. To prevent cross-contamination, rope should not be used in more than one well. However, stainless steel weights and coated stainless steel wire can be reused after sufficient decontamination with low phosphate detergent (Alconox or equivalent) and water.

PROCEDURES

Deployment

- # Using the electronic water level probe, measure the depth to water and the total well depth. Compare these measurements with previous measurements from the well and the reported depth of the well screen from the well construction record. This is to check if sediment has accumulated on the bottom of the well and if the well construction records are accurate.

Attach a stainless steel weight to the end of the line. Sufficient weight should be added to overcome the buoyancy of the PDB sampler.
Calculate the distance from the bottom of the well, to the depth where the PDB sampler is to be placed.
At the designated point, secure the PDB sampler to the weighted line using the ring tabs on both ends of the sampler.
Label PDB sampler(s) with well I.D. and depth (if using multiple PDBs in one well).
For relatively short well screens (less than five feet), the center point of the PDB sampler should be suspended at the vertical midpoint of the saturated well-screen length.
For well screens greater than five feet in length, it is suggested to use multiple PDB samplers vertically along the length of the well screen for at least the initial sampling. Multiple samplers are used to determine if contaminant stratification is present and to locate the zone with of highest concentration. The midpoint of each PDB sampler should be positioned at the midpoint of the sample interval.
With PDB sampler(s) attached, lower the weighted line to the bottom of the well. The weighted line should be taut when the PDB sampler(s) is at the target depth(s).
Secure the assembly in place. Attach the weighted line with a hook to the well riser or well cap. The well should be covered to prevent surface water infiltration.
Allow the system to remain undisturbed while the PDB sampler(s) equilibrate (minimum 14 days recommended; 6 months or more allowable if needed).

Sample Recovery

Remove the PDB sampler from the well using the attached line. Avoid exposing the sampler to excessive agitation as it is removed from the well.
Examine the surface of the PDB sampler for tears, algae, iron, or other coatings. If there are tears in the membrane, the sample should be discarded. If the outside of the sampler is coated with any material, it should be noted.
Detach the sampler from the weighted line and remove any excess fluids or materials from the exterior of the bag. This can be accomplished with paper towels.
There are several acceptable methods for transferring water from the PDB sampler to the 40ml volatile organic analysis (VOA) vials:
    - If a discharge device is provided by the PDB sampler supplier, it can be inserted either in place of the fill plug or directly into the bag.
    - If no discharge device is provided, the PDB sampler can be cut at one end using scissors or a sharp probe. The water should then be poured gently from the PDB sampler to the 40 ml VOA vials.
Samples should be preserved according to the analytical method and stored at approximately 4 °C in accordance with standard sampling protocol.
Any unused water from the PDB samplers should be disposed in accordance with local, state, and federal regulations.

PDB Sampler Suppliers

Columbia Analytical Services
Lambertville, NJ
Phone: (609) 397-5326
Fax: (609) 397-5327

EON Product, Inc.
P.O. Box 390246
Snellville, GA 30039
Toll-Free: (800) 474-2490
Fax: (770) 978-8661

REFERENCES

Vroblesky, D.A., 2001, User's Guide for Polyethylene-Based Passive Diffusion Bag Samplers to Obtain Volatile Organic Compound Concentrations in Wells: U.S. Geological Survey Water-Resources Investigation Report 01-4060, p. 1-11.

Naval Facilities Engineering Command, Washington D.C. 20374-5065, 2000, Diffusion Membrane Samplers, A Low-Cost Alternative Groundwater Monitoring Tool for VOCs: NFESC TDS-2085-ENV, p. 1-2.

http://www.clu-in.org/products/newsltrs/gwc/gwc1297.htm

APPENDIX E

Groundwater Level Data Form

GROUNDWATER LEVEL DATA FORM

PROJECT NAME: Gladding Cordage
PROJECT NUMBER: 00266406.0000
DATE: 4/21/2015
NAME: AG

WELL ID	Date	Time	Headspace VOCs (ppm)	Depth to Water (feet)	Reference Point
TW-1	4/21/2015	--	NM	5.47	TOC
TW-2S	4/21/2015	--	NM	6.31	TOC
TW-2I	4/21/2015	--	NM	6.03	TOC
TW-2D	4/21/2015	--	NM	6.08	TOC
TW-3S	4/21/2015	10:25	NM	7.83	TOC
TW-3I	4/21/2015	10:35	NM	8.59	TOC
TW-3D	4/21/2015	10:40	NM	7.33	TOC
TW-4I	4/21/2015	11:30	NM	5.01	TOC
TW-5S	4/21/2015	13:35	NM	6.04	TOC
TW-5I	4/21/2015	13:30	NM	6.36	TOC
TW-5D	4/21/2015	13:25	NM	7.26	TOC
TW-6S	4/21/2015	15:00	NM	4.55	TOC
TW-6I	4/21/2015	14:50	NM	5.40	TOC
TW-6D	4/21/2015	14:55	NM	5.13	TOC
TW-7S	4/21/2015	13:55	NM	6.88	TOC
TW-7I	4/21/2015	14:05	NM	7.30	TOC
TW-7D	4/21/2015	14:10	NM	7.09	TOC
TW-9I	4/21/2015	14:20	NM	7.97	TOC
TW-9D	4/21/2015	14:30	NM	8.30	TOC
TW-10D	4/21/2015	--	NM	4.70	TOC
TW-12I	4/21/2015	15:20	NM	6.09	TOC
TW-12D	4/21/2015	15:30	NM	6.03	TOC
TW-14S	4/21/2015	11:20	NM	4.58	TOC
TW-14I	4/21/2015	11:10	NM	5.08	TOC
TW-14D	4/21/2015	11:15	NM	4.70	TOC
TW-15	4/21/2015	11:55	NM	4.52	TOC

Notes:

NM - Not Measured

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