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NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

New York State Department of Environmental Conservation – Division of Environmental Remediation

GLADDING CORDAGE SITE QUARTERLY REPORT

SITE 7-09-009

Third Quarter 2017

November 2017

,

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Third Quarter 2017

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ACRONYMS AND ABBREVIATIONS

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

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 (Site # 7-09-009). This Quarterly Report has been prepared in accordance with the NYSDEC-approved Work Plan to summarize second quarter 2017 site activities.

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, the 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 Site Management Plan (SMP) and 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

3.2 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 shut down multiple times in July and August due to power interruptions, resulting in system runtimes of 74 percent in July and 71 percent in August. After each power failure, the system was restarted remotely. In addition, the PLC facsimile reports were not generated consistently from the system. Therefore, during each monthly site visit, the PLC was rebooted in an attempt to restore facsimile output. The erratic facsimile function was likely caused by the multiple power interruptions during this period. In September 2017, the system operated without interruption.

The average monthly flow rates and total flow volumes for the third quarter 2017 operating period are summarized in Table 3-1. As shown in Table 3-1, the average flow rate from recovery well RW-1 was 16.3 gallons per minute (GPM). As shown in Table 3-1, this is less than the second quarter average flow rate of 23.1 GPM. The apparent reduced flow is likely the result of a faulty flow meter. Arcadis will evaluate the flow meter during the fourth quarter O&M events. The average flow from RW-2 was approximately 23.8 GPM. Based on the total flow values, approximately 4.6 million gallons of water were treated and discharged to the Otselic River between April and June 2017. However, the actual treated volume is likely greater, but is being diminished by the lower flow meter readings from RW-1.

3.3 Treatment System Sampling

Influent and effluent groundwater samples were collected from the Gladding Cordage treatment system in accordance with the SMP and submitted to Contest Analytical following chain-of-custody protocols. Each sample was analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 624. Analytical Reporting Forms are provided in Appendix C.

3.3.1 Influent Sample Results

Table 3-2 and Table 3-3 summarize 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.

Table 3-2 and Figure 3-1 show that the concentrations of 1,1,1-TCA in samples from recovery well RW-1 ranged from 30 µg/L in July to a maximum of 41µg/L in August. The concentration of 1,1,1-TCA in the

July samples from recovery well RW-2 was 25 µg/L. The concentration ranged to 41µg/L in the August sample. Table 3-3 and Figure 3-1 show that the concentrations of 1,1,1-TCA in the samples from recovery wells RW-1 and RW-2 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 third quarter 2017 samples from recovery wells RW-1 and RW-2. Consistent with previous results, the concentrations of these compounds were below the respective NYSDEC Class GA standard of 5 µg/L.

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, no VOCs were detected in the third quarter 2017 effluent samples.

Based on influent sample concentrations and total flow volumes from the Gladding Cordage treatment system, approximately 1.4 pounds of VOCs were removed by the treatment system during the second quarter 2017.

4 GROUNDWATER MONITORING PROGRAM

The next groundwater sampling event is scheduled to take place during the fourth quarter 2017.

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 shut down multiple times in July and August due to power interruptions. In September, the treatment system operated without interruption. The average total flow through the treatment system during the third quarter 2017 was approximately 40 GPM. However, due to a suspected faulty flow meter for RW-1, the total flow through the treatment system for this timeframe is likely under-reported.

The concentrations of VOCs detected in pre-treatment influent samples from recovery wells RW-1 and RW-2 were consistent with previous results.

No VOCs were detected in any of the effluent samples collected from the treatment system.

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 1.4 pounds of VOCs were removed by the treatment system during the second quarter 2017. However, the VOC removal mass is likely to be greater since the flow meter for RW-1 is not functioning properly.

Based on the current five-quarter sampling interval, the next groundwater monitoring event is scheduled to occur during the fourth quarter 2017.

7 REFERENCES

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

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

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)
January-17	31	100%	100%	100%	25.7	23.7	50,412,604	46,629,621	1,213,626	1,139,731	2,353,357	
February-17	28	100%	100%	100%	25.5	23.6	51,438,294	47,591,095	1,025,690	961,474	1,987,164	6,229,301
March-17	30	97%	100%	100%	25.4	23.7	52,415,109	48,503,060	976,815	911,965	1,888,780	
April-17	30	100%	100%	100%	25.0	23.6	53,511,717	49,527,491	1,096,608	1,024,431	2,121,039	
May-17	31	100%	100%	100%	24.5	23.4	54,444,161	50,411,047	932,444	883,556	1,816,000	6,300,342
June-17	29	97%	100%	100%	19.7	24.1	55,646,695	51,571,816	1,202,534	1,160,769	2,363,303	
July-17	23	74%	100%	100%	15.9 *	23.7	56,191,182	52,359,043	544,487	787,227	1,331,714	
August-17	22	71%	100%	100%	16.5 *	23.8	56,726,638	53,145,185	535,456	786,142	1,321,598	4,577,965
September-17	30	100%	100%	100%	16.4 *	24	57,513,034	54,283,442	786,396	1,138,257	1,924,653	
Total Flow 2017									8,314,056	8,793,552	17,107,608	

Notes:
gpm - Gallons per minute
* - flow meter not reading properly

TABLE 3-2
SUMMARY OF 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 10/31/2016 WATER ug/L	RW-1 11/28/2016 WATER ug/L	RW-1 12/4/2016 WATER ug/L	RW-1 1/30/2017 WATER ug/L	RW-1 2/27/2017 WATER ug/L	RW-1 3/23/2017 WATER ug/L	RW-1 4/26/2017 WATER ug/L	RW-1 5/24/2017 WATER ug/L	RW-1 6/29/2017 WATER ug/L	RW-1 7/31/2017 WATER ug/L	RW-1 8/28/2017 WATER ug/L	RW-1 9/20/2017 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	**39**	**42**	**41**	**35**	**34**	**40**	**30**	**31**	**35**	**30**	**41**	**39**
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	**0.25 J**	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	**1.7 J**	**2.1**	**2 J**	**1.5 J**	**1.5 J**	**1.7 J**	**1.4 J**	**1.4 J**	**1.5 J**	**1.4 J**	**1.8 J**	**1.6 J**
1,1-Dichloroethene	5	**0.91 J**	**1.0 J**	**1.2 J**	**0.86 J**	**1.7 J**	**0.99 J**	**0.65 J**	**0.69 J**	**0.74 J**	**0.77 J**	**0.98 J**	**0.83 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 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U	10 U	10 U	10.0 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	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
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	2.0 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
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	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
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		41.6	45.1	44.5	37.4	37.2	42.7	32.1	33.1	37.2	32.2	43.8	41.4

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

TABLE 3-3
SUMMARY OF 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 10/31/2016 WATER ug/L	RW-2 11/28/2016 WATER ug/L	RW-2 12/4/2016 WATER ug/L	RW-2 1/30/2017 WATER ug/L	RW-2 2/27/2017 WATER ug/L	RW-2 3/23/2017 WATER ug/L	RW-2 4/26/2017 WATER ug/L	RW-2 5/24/2017 WATER ug/L	RW-2 6/29/2017 WATER ug/L	RW-2 7/31/2017 WATER ug/L	RW-2 8/28/2017 WATER ug/L	RW-2 9/20/2017 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	**33**	**35**	**32**	**30**	**29**	**33**	**26**	**27**	**31**	**25**	**41**	**32**
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	**0.78 J**	**0.89 J**	**0.82 J**	**0.63 J**	**0.66 J**	**0.76 J**	**0.63 J**	**0.65 J**	**0.75 J**	**0.64 J**	**1.0 J**	**0.72 J**
1,1-Dichloroethene	5	**0.78 J**	**0.87 J**	**0.86 J**	**0.65 J**	**1.1 J**	**0.71 J**	**0.51 J**	**0.57 J**	**0.55 J**	**0.65 J**	**0.92 J**	**0.61 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 U	10 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U	10 U	10 U	10.0 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	**2.4**	**0.57 J**	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	1.0 U	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	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	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
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		34.6	39.2	34.3	31.3	30.8	34.5	27.1	28.2	32.3	26.3	42.9	33.3

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

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

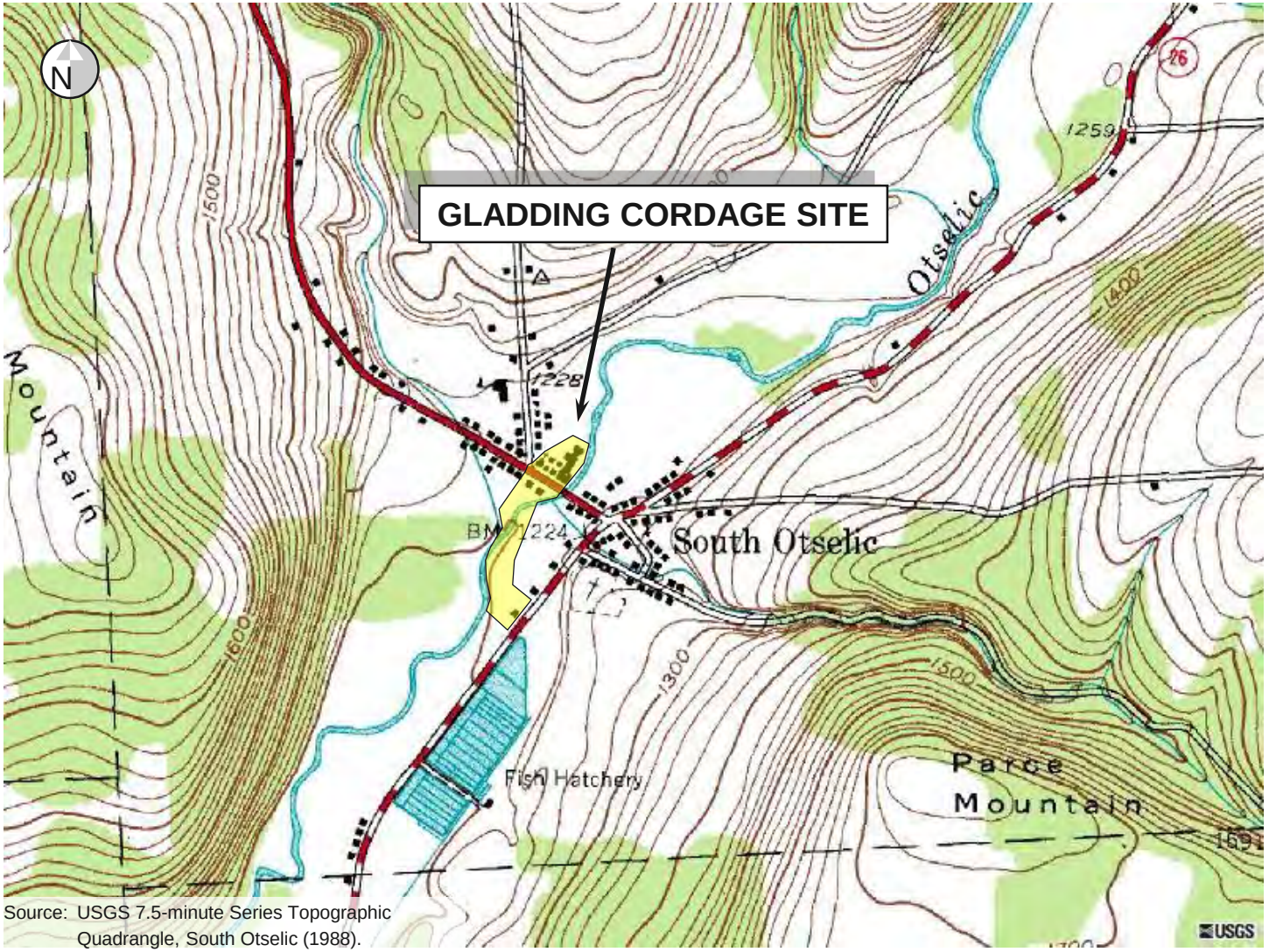
Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(46HZ) 10/31/2016 WATER ug/L	EFF(46HZ) 11/28/2016 WATER ug/L	EFF(46HZ) 12/4/2016 WATER ug/L	EFF(46HZ) 1/30/2017 WATER ug/L	EFF(46HZ) 2/27/2017 WATER ug/L	EFF(46HZ) 3/23/2017 WATER ug/L	EFF(46HZ) 4/26/2017 WATER ug/L	EFF(46HZ) 5/24/2017 WATER ug/L	EFF(46HZ) 6/29/2017 WATER ug/L	EFF(46HZ) 7/31/2017 WATER ug/L	EFF(46HZ) 8/28/2017 WATER ug/L	EFF(46HZ) 9/20/2017 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	1.0 U	1.0 U	**0.15 J**	1.0 U	1.0 U	1.0 U	1.0 U	**0.22**	1.0 U	1.0 U	1.0 U	1.0 U
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	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-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
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 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 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	**2.3**	**0.73 J**	2.0 U	2.0 U	**0.66 J**	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	1.0 U	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	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	2.0 U	2.0 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
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

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

FIGURES

Figure 2-1
Site Location

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

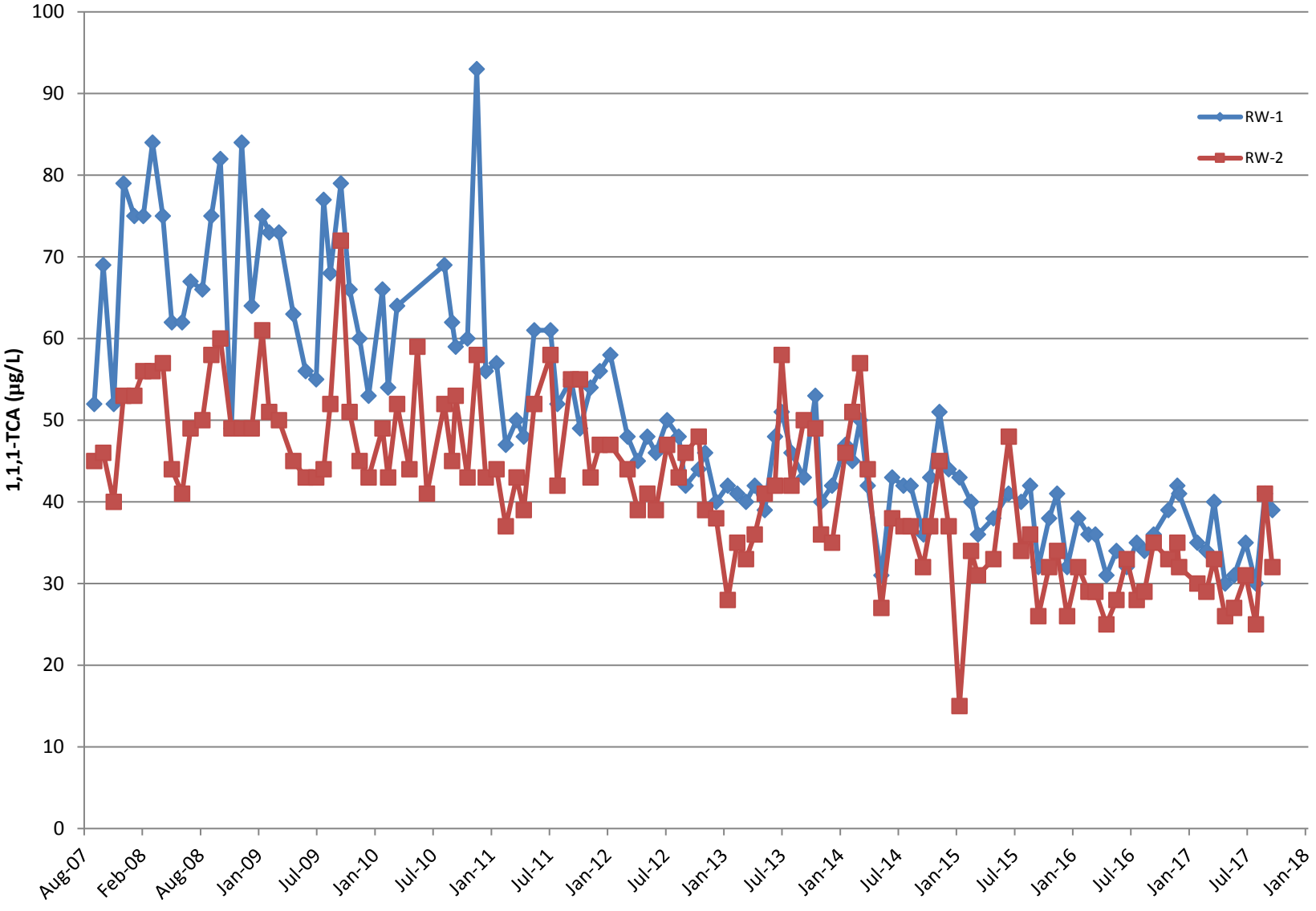


Source: USGS 7.5-minute Series Topographic Quadrangle, South Otselic (1988).

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)
Gladding Cordage Site
NYSDEC Site Number 7-09-009



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 07/08/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 22:04:34 ON 06/30/2017 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 20.0	GPM	TOTAL FLOW is	55688207	GAL				
W2_FLO is 24.2	GPM	TOTAL FLOW is	51621369	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	482457	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.01	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.87	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.86	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.06	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 4.4	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 65.3	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 07/09/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 22:04:34 ON 06/30/2017 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 16.1	GPM	TOTAL FLOW is	55716890	GAL				
W2_FLO is 24.1	GPM	TOTAL FLOW is	51655765	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	482690	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.02	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.80	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.91	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.88	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 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.1	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 07/10/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 22:04:34 ON 06/30/2017 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 16.1	GPM	TOTAL FLOW is	55740106	GAL				
W2_FLO is 24.4	GPM	TOTAL FLOW is	51690278	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	482831	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.00	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 4.73	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.72	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 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.0	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 07/11/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 22:04:34 ON 06/30/2017 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	15.6	GPM	TOTAL FLOW is	55763158	GAL			
W2_FLO is	23.9	GPM	TOTAL FLOW is	51724762	GAL			
ASBPRS is	10.0	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	482972	GAL			
HP_PRS is	1.1	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	1.00	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	4.69	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	30.51	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.89	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	3.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	64.3	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 07/12/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 22:04:34 ON 06/30/2017 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 15.6	GPM	TOTAL FLOW is	55786135	GAL				
W2_FLO is 23.6	GPM	TOTAL FLOW is	51759139	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	483245	GAL				
HP_PRS is 1.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.98	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.41	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.50	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 3.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.6	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

ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 03:45:38 ON 07/13/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P19 : LAST SHUTDOWN @ 22:04:34 ON 06/30/2017 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 18

Discrete Inputs:

W1_CTR is OFF	W2_CTR is OFF	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 OFF	W2_GO is OFF	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	55806930	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	51790290	GAL				
ASBPRS is 9.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	483381	GAL				
HP_PRS is 0.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI
HP_AMP is 1.00	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W1_LVL is 32.84	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT
W2_LVL is 57.92	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
INTEMP is 65.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 03:52:00 ON 07/13/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

SHUTD P02 : LAST SHUTDOWN @ 22:04:34 ON 06/30/2017 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 19

Discrete Inputs:

W1_CTR is OFF	W2_CTR is OFF	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 OFF	W2_GO is OFF	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	55806930	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	51790290	GAL				
ASBPRS is 9.4	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	483381	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI
HP_AMP is 0.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W1_LVL is 33.08	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 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
INTEMP is 65.8	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 07/13/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 BY ACFAIL

Discrete Inputs:

W1_CTR is OFF	W2_CTR is OFF	ASBVFD is OFF	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 OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	55806930	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	51790290	GAL				
ASBPRS is 0.2	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	483381	GAL				
HP_PRS is 0.9	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	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 59.27	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 67.3	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 07/14/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.6	GPM	TOTAL FLOW is	55818403	GAL				
W2_FLO is 23.7	GPM	TOTAL FLOW is	51807086	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	483504	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	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 4.65	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.04	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 58.38	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 3.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 65.4	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 07/15/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.5	GPM	TOTAL FLOW is	55842067	GAL				
W2_FLO is 24.3	GPM	TOTAL FLOW is	51841877	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	483575	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.00	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 4.73	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.55	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.92	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 3.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 2.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 64.3	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 07/16/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.7	GPM	TOTAL FLOW is	55865676	GAL				
W2_FLO is 24.1	GPM	TOTAL FLOW is	51876593	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	483626	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.00	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 4.75	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.04	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 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 2.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.7	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 07/17/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.4	GPM	TOTAL FLOW is	55889268	GAL				
W2_FLO is 23.7	GPM	TOTAL FLOW is	51911219	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	483847	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.98	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.43	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.59	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.65	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.99	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 2.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.8	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 07/18/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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:

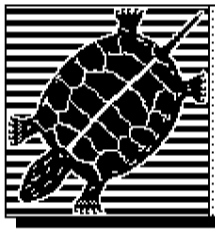
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.2	GPM	TOTAL FLOW is	55912780	GAL				
W2_FLO is 23.8	GPM	TOTAL FLOW is	51945789	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	483968	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.98	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.41	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.59	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.48	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.72	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 2.2	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 07/19/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.6	GPM	TOTAL FLOW is	55936169	GAL				
W2_FLO is 24.3	GPM	TOTAL FLOW is	51980313	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	484267	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.43	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 31.22	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 3.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 2.1	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 07/20/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 15.8	GPM	TOTAL FLOW is	55959490	GAL				
W2_FLO is 24.2	GPM	TOTAL FLOW is	52014783	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	484544	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.42	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.59	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.93	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 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 2.0	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 07/21/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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	16.2	GPM	TOTAL FLOW is	55982775	GAL			
W2_FLO is	24.1	GPM	TOTAL FLOW is	52049213	GAL			
ASBPRS is	10.0	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	484718	GAL			
HP_PRS is	1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	1.00	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	4.69	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	30.72	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	56.17	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	3.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	1.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	65.1	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 07/22/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.1	GPM	TOTAL FLOW is	56005956	GAL				
W2_FLO is 24.4	GPM	TOTAL FLOW is	52083598	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	485008	GAL				
HP_PRS is 1.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.00	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 4.78	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.59	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.02	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 3.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 1.5	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 07/23/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 15.8	GPM	TOTAL FLOW is	56029136	GAL				
W2_FLO is 23.9	GPM	TOTAL FLOW is	52117992	GAL				
ASBPRS is 10.0	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	485132	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.00	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 4.80	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.34	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 3.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 1.6	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 07/24/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.2	GPM	TOTAL FLOW is	56052265	GAL				
W2_FLO is 24.0	GPM	TOTAL FLOW is	52152329	GAL				
ASBPRS is 9.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	485286	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.98	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.42	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.59	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.28	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.89	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 3.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 1.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 64.2	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 07/25/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.4	GPM	TOTAL FLOW is	56075477	GAL				
W2_FLO is 24.0	GPM	TOTAL FLOW is	52186708	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	485351	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	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 4.63	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.59	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.01	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 3.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 1.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 63.7	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 07/26/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.2	GPM	TOTAL FLOW is	56098775	GAL				
W2_FLO is 23.8	GPM	TOTAL FLOW is	52221191	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	485351	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.62	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.18	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 3.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 1.2	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 07/27/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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	15.7	GPM	TOTAL FLOW is	56121906	GAL			
W2_FLO is	24.1	GPM	TOTAL FLOW is	52255621	GAL			
ASBPRS is	10.1	IWC	LIMITS are	L: 5.0	IWC	H: 30.0		IWC
HP_FLO is	0.00	GPM	TOTAL FLOW is	485382	GAL			
HP_PRS is	1.1	PSI	LIMITS are	L: -2.0	PSI	H: 20.0		PSI
HP_AMP is	0.99	AMP	LIMITS are	L: 0.00	AMP	H:		AMP
W1_AMP is	4.43	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W2_AMP is	4.61	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W1_LVL is	30.77	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	3.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
W2_PRS is	1.2	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 07/28/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.4	GPM	TOTAL FLOW is	56144977	GAL				
W2_FLO is 24.2	GPM	TOTAL FLOW is	52290079	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	485413	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.65	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.70	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 3.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.9	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 07/29/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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	16.0	GPM	TOTAL FLOW is	56168088	GAL			
W2_FLO is	23.8	GPM	TOTAL FLOW is	52324550	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	485513	GAL			
HP_PRS is	1.1	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	1.01	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	4.79	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	30.55	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	3.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	1.2	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

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/30/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.7	GPM	TOTAL FLOW is	56191182	GAL				
W2_FLO is 23.9	GPM	TOTAL FLOW is	52359043	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	485671	GAL				
HP_PRS is 1.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.01	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.68	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.82	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.59	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 3.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 2.4	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 07/31/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 15.8	GPM	TOTAL FLOW is	56214189	GAL				
W2_FLO is 23.5	GPM	TOTAL FLOW is	52393497	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	485897	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.65	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.56	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 3.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 2.5	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 08/01/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 15.9	GPM	TOTAL FLOW is	56237097	GAL				
W2_FLO is 24.4	GPM	TOTAL FLOW is	52427928	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	486176	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	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 4.65	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.43	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 3.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 2.3	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 08/02/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.1	GPM	TOTAL FLOW is	56259916	GAL				
W2_FLO is 24.2	GPM	TOTAL FLOW is	52462326	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	486397	GAL				
HP_PRS is 1.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.98	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.33	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 30.39	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 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 1.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.7	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 08/03/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 16.1	GPM	TOTAL FLOW is	56282715	GAL				
W2_FLO is 24.2	GPM	TOTAL FLOW is	52496732	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	486662	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.63	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.33	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 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 1.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 63.7	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 08/04/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 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 15.6	GPM	TOTAL FLOW is	56305476	GAL				
W2_FLO is 24.4	GPM	TOTAL FLOW is	52531102	GAL				
ASBPRS is 10.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	486962	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	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 4.65	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.20	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.47	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 1.4	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

ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 17:37:38 ON 08/04/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P19 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 18

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	56316442	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	52547671	GAL				
ASBPRS is 0.0	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	487149	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 0.00	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 0.00	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 0.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 17:37:38 ON 08/04/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P19 : LAST SHUTDOWN @ 03:55:39 ON 07/13/2017 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 18

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	56316442	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	52547671	GAL				
ASBPRS is 0.0	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	487149	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 0.00	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 0.00	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 0.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 17:48:00 ON 08/04/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 17:47:39 ON 08/04/2017 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 19

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	56316442	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	52547671	GAL				
ASBPRS is 0.0	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	487149	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI
HP_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP
W1_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W1_LVL is 0.00	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT
W2_LVL is 0.00	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
INTEMP is 0.0	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 08/05/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 17:47:39 ON 08/04/2017 BY ACFAIL

Discrete Inputs:

W1_CTR is OFF	W2_CTR is OFF	ASBVFD is OFF	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 OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	56316442	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	52547671	GAL				
ASBPRS is 0.2	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	487149	GAL				
HP_PRS is 0.9	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.01	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.49	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.81	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 68.2	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 08/06/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 17:47:39 ON 08/04/2017 BY ACFAIL

Discrete Inputs:

W1_CTR is OFF	W2_CTR is OFF	ASBVFD is OFF	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 OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	56316442	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	52547671	GAL				
ASBPRS is 0.2	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	487149	GAL				
HP_PRS is 0.9	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.01	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.34	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 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	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 08/07/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 17:47:39 ON 08/04/2017 BY ACFAIL

Discrete Inputs:

W1_CTR is OFF	W2_CTR is OFF	ASBVFD is OFF	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 OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	56316442	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	52547671	GAL				
ASBPRS is 0.2	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	487149	GAL				
HP_PRS is 0.9	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.00	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.14	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.16	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 64.8	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 08/24/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 17:47:39 ON 08/04/2017 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 15.4	GPM	TOTAL FLOW is	56703689	GAL				
W2_FLO is 24.3	GPM	TOTAL FLOW is	53111203	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	489578	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	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 4.63	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.90	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.26	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.9	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 08/25/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 17:47:39 ON 08/04/2017 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 15.9	GPM	TOTAL FLOW is	56726638	GAL				
W2_FLO is 23.5	GPM	TOTAL FLOW is	53145185	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	489578	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.65	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.95	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.15	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 1.5	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 09/22/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 17:23:27 ON 08/25/2017 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 16.0	GPM	TOTAL FLOW is	57325955	GAL					
W2_FLO	is 23.0	GPM	TOTAL FLOW is	54009028	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	491175	GAL					
HP_PRS	is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI		
HP_AMP	is 0.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP		
W1_AMP	is 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP		
W2_AMP	is 4.59	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP		
W1_LVL	is 29.41	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT		
W2_LVL	is 54.79	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 1.4	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 09/23/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 17:23:27 ON 08/25/2017 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 15.9	GPM	TOTAL FLOW is	57349049	GAL				
W2_FLO is 23.4	GPM	TOTAL FLOW is	54042915	GAL				
ASBPRS is 10.2	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.29	GPM	TOTAL FLOW is	491335	GAL				
HP_PRS is 8.2	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 4.42	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.37	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.77	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 1.8	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 09/24/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 17:23:27 ON 08/25/2017 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	15.7	GPM	TOTAL FLOW is	57372042	GAL			
W2_FLO is	23.8	GPM	TOTAL FLOW is	54076786	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	491531	GAL			
HP_PRS is	1.1	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	1.00	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.48	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.63	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	29.45	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	54.73	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	1.7	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 09/25/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 17:23:27 ON 08/25/2017 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	15.9	GPM	TOTAL FLOW is	57394954	GAL			
W2_FLO is	23.4	GPM	TOTAL FLOW is	54110642	GAL			
ASBPRS is	10.1	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	491787	GAL			
HP_PRS is	1.1	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.98	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.43	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.57	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	29.38	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	54.71	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	1.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	62.2	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	7/31/2017
Inspector	L. Whalen
Time	13:25

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)	15.9	23.7
Total Flow (Gallons)	56214189	52393497
Water Level (Feet Above Probe)	30.55	55.51
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)	9.9	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	58

Heat Exchanger			
Heat (On/Off)	Off	Building Temperature (°F)	68
Heat Exchanger Flow (GPM)	0.0	Heat Exchanger Pressure (PSI)	1.4

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:

Mow grass and trim back bushes

Sampled:	RW-1	-	11:20
	RW-2	-	11:25
	EFF 46 Hz	-	11:30

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	8/28/2017
Inspector	L. Whalen
Time	7:30

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)	16.5	23.8
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	29.94	55.07
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)	10.3	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	59

Heat Exchanger			
Heat (On/Off)	Off	Building Temperature (°F)	68
Heat Exchanger Flow (GPM)	0.0	Heat Exchanger Pressure (PSI)	1.4

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 restart		-	6:00
Reset UPS		-	6:00
Mow grass		-	6:10
Sampled:	RW-1	-	7:11
	RW-2	-	7:14
	EFF 46 Hz	-	7:18
System and well check		-	7:30

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	9/20/2017
Inspector	L. Whalen
Time	8:00

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)	16.4	23.8
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	29.40	54.82
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)	10.2	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	54

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	61
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 restart		-	6:20
Reset UPS		-	6:20
Mow grass		-	6:30
Sampled:	RW-1	-	7:40
	RW-2	-	7:45
	EFF 46 Hz	-	7:50
System and well check		-	8:00

APPENDIX C

Analytical Reporting Forms

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

August 10, 2017

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: 17H0113

Enclosed are results of analyses for samples received by the laboratory on August 2, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

Table of Contents

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: 8/10/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H0113

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	17H0113-01	Ground Water		EPA 624	
RW-2	17H0113-02	Ground Water		EPA 624	
EFF 46 HZ	17H0113-03	Ground Water		EPA 624	
Trip Blank	17H0113-04	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.

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.

Tod E. Kopyscinski
Laboratory Director

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: 17H0113

Date Received: 8/2/2017

Field Sample #: RW-1 | Sampled: 7/31/2017 11:20

Sample ID: 17H0113-01

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	0.12	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Bromomethane	ND	5.0	0.94	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
1,1-Dichloroethane	1.4	2.0	0.16	µg/L	1	J	EPA 624	8/8/17	8/8/17 21:44	LBD
1,1-Dichloroethylene	0.77	2.0	0.21	µg/L	1	J	EPA 624	8/8/17	8/8/17 21:44	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
1,1,1-Trichloroethane	30	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 21:44	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.6	70-130		8/8/17 21:44
Toluene-d8	97.7	70-130		8/8/17 21:44
4-Bromofluorobenzene	93.0	70-130		8/8/17 21:44

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: 17H0113

Date Received: 8/2/2017

Field Sample #: RW-2 | Sampled: 7/31/2017 11:25

Sample ID: 17H0113-02

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	0.12	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Bromomethane	ND	5.0	0.94	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
1,1-Dichloroethane	0.64	2.0	0.16	µg/L	1	J	EPA 624	8/8/17	8/8/17 22:15	LBD
1,1-Dichloroethylene	0.67	2.0	0.21	µg/L	1	J	EPA 624	8/8/17	8/8/17 22:15	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
1,1,1-Trichloroethane	25	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 22:15	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.4	70-130		8/8/17 22:15
Toluene-d8	95.2	70-130		8/8/17 22:15
4-Bromofluorobenzene	92.2	70-130		8/8/17 22:15

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: 17H0113

Date Received: 8/2/2017

Field Sample #: EFF 46 HZ | Sampled: 7/31/2017 11:30

Sample ID: 17H0113-03

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	0.12	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Bromomethane	ND	5.0	0.94	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 21:13	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.0	70-130		8/8/17 21:13
Toluene-d8	96.9	70-130		8/8/17 21:13
4-Bromofluorobenzene	92.6	70-130		8/8/17 21:13

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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: 17H0113

Date Received: 8/2/2017

Field Sample #: Trip Blank | Sampled: 7/31/2017 00:00

Sample ID: 17H0113-04

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	0.12	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Bromomethane	ND	5.0	0.94	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	8/8/17	8/8/17 20:42	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.7	70-130		8/8/17 20:42
Toluene-d8	96.9	70-130		8/8/17 20:42
4-Bromofluorobenzene	92.0	70-130		8/8/17 20:42

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Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17H0113-01 [RW-1]	B183579	5	5.00	08/08/17
17H0113-02 [RW-2]	B183579	5	5.00	08/08/17
17H0113-03 [EFF 46 HZ]	B183579	5	5.00	08/08/17
17H0113-04 [Trip Blank]	B183579	5	5.00	08/08/17

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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 B183579 - SW-846 5030B										
Blank (B183579-BLK1)				Prepared & Analyzed: 08/08/17						
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	5.0	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	*22.1*		µg/L	25.0		88.3	70-130			
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.3	70-130			
Surrogate: 4-Bromofluorobenzene	*22.9*		µg/L	25.0		91.7	70-130			
LCS (B183579-BS1)				Prepared & Analyzed: 08/08/17						
Benzene	8.29	1.0	µg/L	10.0		82.9	37-151			
Bromodichloromethane	8.57	2.0	µg/L	10.0		85.7	35-155			
Bromoform	10.2	2.0	µg/L	10.0		102	45-169			
Bromomethane	13.7	5.0	µg/L	10.0		137	20-242			
Carbon Tetrachloride	8.75	2.0	µg/L	10.0		87.5	70-140			
Chlorobenzene	10.9	2.0	µg/L	10.0		109	37-160			
Chlorodibromomethane	8.95	2.0	µg/L	10.0		89.5	53-149			
Chloroethane	8.50	2.0	µg/L	10.0		85.0	70-130			
2-Chloroethyl Vinyl Ether	94.8	10	µg/L	100		94.8	10-305			
Chloroform	8.31	2.0	µg/L	10.0		83.1	51-138			
Chloromethane	10.5	2.0	µg/L	10.0		105	20-273			
1,2-Dichlorobenzene	10.5	2.0	µg/L	10.0		105	18-190			
1,3-Dichlorobenzene	10.5	2.0	µg/L	10.0		105	59-156			

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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 B183579 - SW-846 5030B										
LCS (B183579-BS1)				Prepared & Analyzed: 08/08/17						
1,4-Dichlorobenzene	10.6	2.0	µg/L	10.0		106	18-190			
1,2-Dichloroethane	8.86	2.0	µg/L	10.0		88.6	49-155			
1,1-Dichloroethane	8.52	2.0	µg/L	10.0		85.2	59-155			
1,1-Dichloroethylene	8.83	2.0	µg/L	10.0		88.3	20-234			
trans-1,2-Dichloroethylene	8.38	2.0	µg/L	10.0		83.8	54-156			
1,2-Dichloropropane	9.33	2.0	µg/L	10.0		93.3	20-210			
cis-1,3-Dichloropropene	9.06	2.0	µg/L	10.0		90.6	20-227			
trans-1,3-Dichloropropene	9.12	2.0	µg/L	10.0		91.2	17-183			
Ethylbenzene	10.4	2.0	µg/L	10.0		104	37-162			
Methyl tert-Butyl Ether (MTBE)	8.06	2.0	µg/L	10.0		80.6	70-130			
Methylene Chloride	9.79	5.0	µg/L	10.0		97.9	50-221			
1,1,2,2-Tetrachloroethane	10.5	2.0	µg/L	10.0		105	46-157			
Tetrachloroethylene	10.1	2.0	µg/L	10.0		101	64-148			
Toluene	9.47	1.0	µg/L	10.0		94.7	47-150			
1,1,1-Trichloroethane	8.03	2.0	µg/L	10.0		80.3	52-162			
1,1,2-Trichloroethane	9.10	2.0	µg/L	10.0		91.0	52-150			
Trichloroethylene	9.47	2.0	µg/L	10.0		94.7	71-157			
Trichlorofluoromethane (Freon 11)	9.31	2.0	µg/L	10.0		93.1	17-181			
Vinyl Chloride	8.18	2.0	µg/L	10.0		81.8	20-251			
m+p Xylene	20.6	2.0	µg/L	20.0		103	70-130			
o-Xylene	10.2	2.0	µg/L	10.0		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	*21.6*		µg/L	25.0		86.4	70-130			
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.1	70-130			
Surrogate: 4-Bromofluorobenzene	*24.0*		µg/L	25.0		96.1	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
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant 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).

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

CHAIN OF CUSTODY RECORD

NEW YORK STATE

17H0113

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 1 of

Company Name: Arcadis
Address: 855 Route 146 STE 210
Clifton Park NY 12065
Attention: J. Wyckoff
Project Location: S. Otselic NY.
Sampled By: L. Whalen

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

O Project Proposal Provided? (for billing purposes)_____

DATA DELIVERY (check all that apply)
O FAX ● EMAIL O WEBSITE
Fax #
Email:
Format: PDF ● EXCEL ● GIS O
O OTHER
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
1	RW-1	7/31/17	1120		X	GW	M	X		
2	RW-2	↓	1125		X	↓	M	X		
3	EFF 46 HZ		1130		X		L	X		
4	Trip Blank	↓	–		X	↓	–	X		

ANALYSIS REQUESTED
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
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:
L. D. Whalen	8/1/17 0900		
Received by: (signature)	Date/Time:	Received by:	Date/Time:
	8/2/17 937		
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 O 48 hr O
72 hr O 4 day O
† Require lab approval

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

Deliverables
O ASP-A O Equis (1 file) O 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

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

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Arcadis

Received By JM Date 8/2/17 Time 937

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 7 Actual Temp - 5.7
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T

Are there Lab to Filters? N/A Who was notified? _____
Are there Rushes? N/A Who was notified? _____
Are there Short Holds? N/A Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? T MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? T On COC? T
Do all samples have the proper pH? N/A Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	11	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

IMPORTANT!
FedEx is closely monitoring the wildfires in California. Learn More

FedEx ® Tracking

631300008954

Ship date:	Actual delivery
Tue 8/01/2017	**Wed 8/02/2017 9:37 am**

Delivered

Signed for by: P.BLAKE

Travel History

Date/Time	Activity	Location
- 8/02/2017 - Wednesday		
9:37 am	Delivered	
7:55 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
7:49 am	At local FedEx facility	WINDSOR LOCKS, CT
7:45 am	At local FedEx facility	WINDSOR LOCKS, CT
6:38 am	At destination sort facility	EAST GRANBY, CT
5:00 am	Departed FedEx location	INDIANAPOLIS, IN
- 8/01/2017 - Tuesday		
11:39 pm	Arrived at FedEx location	INDIANAPOLIS, IN
8:39 pm	Left FedEx origin facility	NORTH SYRACUSE, NY
5:02 pm	In FedEx possession	NORTH SYRACUSE, NY
12:09 pm	In FedEx possession Tendered at FedEx location	SYRACUSE, NY

Shipment Facts

Tracking number	631300008954	**Service**	FedEx Standard Overnight
Dimensions	14x12x11 in	**Delivery attempts**	1
Delivered To	Shipping/Receiving	**Total pieces**	1
Packaging	Your Packaging	**Special handling section**	Deliver Weekday, Additional Handling Surcharge
Standard transit	8/02/2017 by 3:00 pm		

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

September 13, 2017

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

Project Location: South Otselic, NY
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 17H1516

Enclosed are results of analyses for samples received by the laboratory on August 29, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

Table of Contents

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: 9/13/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1516

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

PROJECT LOCATION: South Otselic, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RW-1	17H1516-01	Ground Water		EPA 624	
RW-2	17H1516-02	Ground Water		EPA 624	
EFF46HZ	17H1516-03	Ground Water		EPA 624	
Trip Blank	17H1516-04	Trip Blank Water		EPA 624	

con-test® ANALYTICAL LABORATORY
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CASE NARRATIVE SUMMARY

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

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.

Daren J. Damboragian
Director of Operations

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 17H1516

Date Received: 8/29/2017

Field Sample #: RW-1 | Sampled: 8/28/2017 06:20

Sample ID: 17H1516-01

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	0.12	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
1,1-Dichloroethane	1.8	2.0	0.16	µg/L	1	J	EPA 624	8/31/17	9/5/17 19:56	EEH
1,1-Dichloroethylene	0.98	2.0	0.21	µg/L	1	J	EPA 624	8/31/17	9/5/17 19:56	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
1,1,1-Trichloroethane	41	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:56	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	109	70-130		9/5/17 19:56
Toluene-d8	100	70-130		9/5/17 19:56
4-Bromofluorobenzene	94.0	70-130		9/5/17 19:56

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Project Location: South Otselic, NY | Sample Description: | Work Order: 17H1516

Date Received: 8/29/2017

Field Sample #: RW-2 | Sampled: 8/28/2017 06:25

Sample ID: 17H1516-02

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	0.12	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
1,1-Dichloroethane	1.0	2.0	0.16	µg/L	1	J	EPA 624	8/31/17	9/5/17 20:23	EEH
1,1-Dichloroethylene	0.92	2.0	0.21	µg/L	1	J	EPA 624	8/31/17	9/5/17 20:23	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
1,1,1-Trichloroethane	41	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 20:23	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		9/5/17 20:23
Toluene-d8	100	70-130		9/5/17 20:23
4-Bromofluorobenzene	95.0	70-130		9/5/17 20:23

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 17H1516

Date Received: 8/29/2017

Field Sample #: EFF46HZ | Sampled: 8/28/2017 06:30

Sample ID: 17H1516-03

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	0.12	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:29	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		9/5/17 19:29
Toluene-d8	97.4	70-130		9/5/17 19:29
4-Bromofluorobenzene	95.5	70-130		9/5/17 19:29

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Project Location: South Otselic, NY | Sample Description: | Work Order: 17H1516

Date Received: 8/29/2017

Field Sample #: Trip Blank | Sampled: 8/28/2017 00:00

Sample ID: 17H1516-04

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	0.12	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	8/31/17	9/5/17 19:02	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	111	70-130		9/5/17 19:02
Toluene-d8	101	70-130		9/5/17 19:02
4-Bromofluorobenzene	95.4	70-130		9/5/17 19:02

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Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17H1516-01 [RW-1]	B185334	5	5.00	08/31/17
17H1516-02 [RW-2]	B185334	5	5.00	08/31/17
17H1516-03 [EFF46HZ]	B185334	5	5.00	08/31/17
17H1516-04 [Trip Blank]	B185334	5	5.00	08/31/17

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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 B185334 - SW-846 5030B										
Blank (B185334-BLK1)				Prepared: 08/31/17 Analyzed: 09/05/17						
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	*27.5*		µg/L	25.0		110	70-130			
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*23.1*		µg/L	25.0		92.4	70-130			
LCS (B185334-BS1)				Prepared: 08/31/17 Analyzed: 09/05/17						
Benzene	10.5	1.0	µg/L	10.0		105	37-151			
Bromodichloromethane	10.6	2.0	µg/L	10.0		106	35-155			
Bromoform	10.0	2.0	µg/L	10.0		100	45-169			
Bromomethane	6.49	2.0	µg/L	10.0		64.9	20-242			
Carbon Tetrachloride	10.9	2.0	µg/L	10.0		109	70-140			
Chlorobenzene	9.94	2.0	µg/L	10.0		99.4	37-160			
Chlorodibromomethane	11.2	2.0	µg/L	10.0		112	53-149			
Chloroethane	10.2	2.0	µg/L	10.0		102	70-130			
2-Chloroethyl Vinyl Ether	87.0	10	µg/L	100		87.0	10-305			
Chloroform	10.6	2.0	µg/L	10.0		106	51-138			
Chloromethane	8.42	2.0	µg/L	10.0		84.2	20-273			
1,2-Dichlorobenzene	11.2	2.0	µg/L	10.0		112	18-190			
1,3-Dichlorobenzene	11.0	2.0	µg/L	10.0		110	59-156			

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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 B185334 - SW-846 5030B										
LCS (B185334-BS1)				Prepared: 08/31/17 Analyzed: 09/05/17						
1,4-Dichlorobenzene	10.3	2.0	µg/L	10.0		103	18-190			
1,2-Dichloroethane	10.1	2.0	µg/L	10.0		101	49-155			
1,1-Dichloroethane	11.5	2.0	µg/L	10.0		115	59-155			
1,1-Dichloroethylene	10.2	2.0	µg/L	10.0		102	20-234			
trans-1,2-Dichloroethylene	10.9	2.0	µg/L	10.0		109	54-156			
1,2-Dichloropropane	9.90	2.0	µg/L	10.0		99.0	20-210			
cis-1,3-Dichloropropene	9.63	2.0	µg/L	10.0		96.3	20-227			
trans-1,3-Dichloropropene	10.1	2.0	µg/L	10.0		101	17-183			
Ethylbenzene	10.4	2.0	µg/L	10.0		104	37-162			
Methyl tert-Butyl Ether (MTBE)	10.6	2.0	µg/L	10.0		106	70-130			
Methylene Chloride	10.4	5.0	µg/L	10.0		104	50-221			
1,1,2,2-Tetrachloroethane	10.8	2.0	µg/L	10.0		108	46-157			
Tetrachloroethylene	10.4	2.0	µg/L	10.0		104	64-148			
Toluene	10.2	1.0	µg/L	10.0		102	47-150			
1,1,1-Trichloroethane	10.8	2.0	µg/L	10.0		108	52-162			
1,1,2-Trichloroethane	10.4	2.0	µg/L	10.0		104	52-150			
Trichloroethylene	10.3	2.0	µg/L	10.0		103	71-157			
Trichlorofluoromethane (Freon 11)	8.46	2.0	µg/L	10.0		84.6	17-181			
Vinyl Chloride	6.46	2.0	µg/L	10.0		64.6	20-251			
m+p Xylene	21.1	2.0	µg/L	20.0		106	70-130			
o-Xylene	10.2	2.0	µg/L	10.0		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	*27.7*		µg/L	25.0		111	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*24.0*		µg/L	25.0		96.1	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
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant 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).

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

17H1516

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http://www.contestlabs.com Doc # 380 Rev 1 03242017

CHAIN OF CUSTODY RECORD (New York)

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name:	Arcadis
Address:	855 Rte 146 STE 210 Clifton Park NY 12065
Phone:	518-250-7300
Project Name:	Gladding
Project Location:	S. Otselic N.Y.
Project Number:	00266406.0000
Project Manager:	J. Wyckoff
Con-Test Quote Name/Number:	
Invoice Recipient:	J. Wykoff
Sampled By:	L. Whalen

Requested Turnaround Time
7-Day ☐ 10-Day ☒
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☐ EXCEL ☐
Other: EMAIL
CLP Like Data Pkg Required: ☐
Email To: Jeremy.Wykoff@Arcadis.com
Fax To #:

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1] Matrix Code	Conc Code	624	# of Containers	[2] Preservation Code	[3] Container Code
1	RW-1	8-28-17	0620		X	GW	M	X			
2	RW-2		0625		X		M	X			
3	EFF46 HZ		0630		X		L	X			
4	Trip Blank		-		X		-	X			

ANALYSIS REQUESTED

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: Relinquished by Paul Racicot 8.29.17 15:10
Rec'd: 8/29/17 5.3 1510

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	L. Whalen	Date/Time: 1830 8-28-17
Received by: (signature)		Date/Time: 8/28/17 1830
Relinquished by: (signature)		Date/Time: 8/28/17 2015
Received by: (signature)		Date/Time: 8.29.17 8:40AM
Relinquished by: (signature)		Date/Time: 8-29-17 12:20PM
Received by: (signature)	Paul Racicot	Date/Time: 8-29-17 12:30

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

Deliverables
☐ Enhanced Data Package
☐ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☒ NY Regs Hits-Only EDD
Other:
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

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

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Arcadis

Received By JM Date 8/29/17 Time 1510

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____ Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 5.3 By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Project T Analysis T ID's T Sampler Name T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? N/A Who was notified? ____

Are there Rushes? N/A Who was notified? ____

Are there Short Holds? N/A Who was notified? ____

Is there enough Volume? T

Is there Headspace where applicable? T MS/MSD? N/A

Proper Media/Containers Used? T Is splitting samples required? N/A

Were trip blanks received? N/A T On COC? T

Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	(1)	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

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

September 29, 2017

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

Project Location: South Otselic, NY
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 17I0943

Enclosed are results of analyses for samples received by the laboratory on September 21, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

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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: 9/29/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17I0943

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

PROJECT LOCATION: South Otselic, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RW-1	17I0943-01	Ground Water		EPA 624	
RW-2	17I0943-02	Ground Water		EPA 624	
EFF46HZ	17I0943-03	Ground Water		EPA 624	
Trip Blank	17I0943-04	Trip Blank Water		EPA 624	

con-test® ANALYTICAL LABORATORY
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CASE NARRATIVE SUMMARY

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

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.

Lisa A. Worthington
Project Manager

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 17I0943

Date Received: 9/21/2017

Field Sample #: RW-1 | Sampled: 9/20/2017 13:15

Sample ID: 17I0943-01

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	0.12	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
1,1-Dichloroethane	1.6	2.0	0.16	µg/L	1	J	EPA 624	9/22/17	9/25/17 19:51	LBD
1,1-Dichloroethylene	0.83	2.0	0.21	µg/L	1	J	EPA 624	9/22/17	9/25/17 19:51	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
1,1,1-Trichloroethane	39	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 19:51	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	87.3	70-130		9/25/17 19:51
Toluene-d8	101	70-130		9/25/17 19:51
4-Bromofluorobenzene	97.2	70-130		9/25/17 19:51

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 17I0943

Date Received: 9/21/2017

Field Sample #: RW-2 | Sampled: 9/20/2017 13:20

Sample ID: 17I0943-02

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	0.12	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
1,1-Dichloroethane	0.72	2.0	0.16	µg/L	1	J	EPA 624	9/22/17	9/25/17 20:22	LBD
1,1-Dichloroethylene	0.61	2.0	0.21	µg/L	1	J	EPA 624	9/22/17	9/25/17 20:22	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
1,1,1-Trichloroethane	32	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 20:22	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	86.3	70-130		9/25/17 20:22
Toluene-d8	101	70-130		9/25/17 20:22
4-Bromofluorobenzene	98.8	70-130		9/25/17 20:22

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 17I0943

Date Received: 9/21/2017

Field Sample #: EFF46HZ | Sampled: 9/20/2017 13:25

Sample ID: 17I0943-03

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	0.12	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 19:20	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	85.3	70-130		9/25/17 19:20
Toluene-d8	101	70-130		9/25/17 19:20
4-Bromofluorobenzene	98.4	70-130		9/25/17 19:20

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 17I0943

Date Received: 9/21/2017

Field Sample #: Trip Blank | Sampled: 9/20/2017 00:00

Sample ID: 17I0943-04

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	0.12	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	9/22/17	9/25/17 18:50	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	85.9	70-130		9/25/17 18:50
Toluene-d8	100	70-130		9/25/17 18:50
4-Bromofluorobenzene	98.4	70-130		9/25/17 18:50

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Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17I0943-01 [RW-1]	B186854	5	5.00	09/22/17
17I0943-02 [RW-2]	B186854	5	5.00	09/22/17
17I0943-03 [EFF46HZ]	B186854	5	5.00	09/22/17
17I0943-04 [Trip Blank]	B186854	5	5.00	09/22/17

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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 B186854 - SW-846 5030B										
Blank (B186854-BLK1)				Prepared: 09/22/17 Analyzed: 09/25/17						
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	0.99	2.0	µg/L							J
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	*21.1*		µg/L	25.0		84.4	70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.4	70-130			
LCS (B186854-BS1)				Prepared: 09/22/17 Analyzed: 09/25/17						
Benzene	11.2	1.0	µg/L	10.0		112	37-151			
Bromodichloromethane	11.1	2.0	µg/L	10.0		111	35-155			
Bromoform	10.8	2.0	µg/L	10.0		108	45-169			
Bromomethane	5.25	2.0	µg/L	10.0		52.5	20-242			
Carbon Tetrachloride	10.7	2.0	µg/L	10.0		107	70-140			
Chlorobenzene	10.1	2.0	µg/L	10.0		101	37-160			
Chlorodibromomethane	11.0	2.0	µg/L	10.0		110	53-149			
Chloroethane	8.95	2.0	µg/L	10.0		89.5	70-130			
2-Chloroethyl Vinyl Ether	96.6	10	µg/L	100		96.6	10-305			
Chloroform	10.6	2.0	µg/L	10.0		106	51-138			
Chloromethane	6.62	2.0	µg/L	10.0		66.2	20-273			
1,2-Dichlorobenzene	10.7	2.0	µg/L	10.0		107	18-190			
1,3-Dichlorobenzene	10.8	2.0	µg/L	10.0		108	59-156			

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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 B186854 - SW-846 5030B										
LCS (B186854-BS1)				Prepared: 09/22/17 Analyzed: 09/25/17						
1,4-Dichlorobenzene	10.3	2.0	µg/L	10.0		103	18-190			
1,2-Dichloroethane	9.12	2.0	µg/L	10.0		91.2	49-155			
1,1-Dichloroethane	10.7	2.0	µg/L	10.0		107	59-155			
1,1-Dichloroethylene	9.10	2.0	µg/L	10.0		91.0	20-234			
trans-1,2-Dichloroethylene	10.2	2.0	µg/L	10.0		102	54-156			
1,2-Dichloropropane	11.2	2.0	µg/L	10.0		112	20-210			
cis-1,3-Dichloropropene	11.0	2.0	µg/L	10.0		110	20-227			
trans-1,3-Dichloropropene	11.6	2.0	µg/L	10.0		116	17-183			
Ethylbenzene	10.5	2.0	µg/L	10.0		105	37-162			
Methyl tert-Butyl Ether (MTBE)	11.1	2.0	µg/L	10.0		111	70-130			
Methylene Chloride	9.56	5.0	µg/L	10.0		95.6	50-221			
1,1,2,2-Tetrachloroethane	10.9	2.0	µg/L	10.0		109	46-157			
Tetrachloroethylene	11.4	2.0	µg/L	10.0		114	64-148			
Toluene	11.1	1.0	µg/L	10.0		111	47-150			
1,1,1-Trichloroethane	10.3	2.0	µg/L	10.0		103	52-162			
1,1,2-Trichloroethane	11.5	2.0	µg/L	10.0		115	52-150			
Trichloroethylene	11.5	2.0	µg/L	10.0		115	71-157			
Trichlorofluoromethane (Freon 11)	8.13	2.0	µg/L	10.0		81.3	17-181			
Vinyl Chloride	8.33	2.0	µg/L	10.0		83.3	20-251			
m+p Xylene	21.1	2.0	µg/L	20.0		105	70-130			
o-Xylene	10.5	2.0	µg/L	10.0		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	*21.0*		µg/L	25.0		84.0	70-130			
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100	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
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant 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).

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2018
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

con-test ANALYTICAL LABORATORY

17I0943

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name: Arcadis
Address: 855 Route 146 STE210 Clifton Park NY. 12065
Phone: (518) -250 -7300
Project Name: Gladding
Project Location: S. Otselic N.Y.
Project Number: 00266406.0000
Project Manager: J. Wyckoff
Con-Test Quote Name/Number:
Invoice Recipient: J. Wyckoff
Sampled By: L. Whalen

Requested Turnaround Time
7-Day ☐ 10-Day ■
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ■ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	624	# of Containers	[2] Preservation Code	[3] Container Code
01	RW-1	9-20-17	1315		X	GW	M	X	11	H	V
02	RW-2	↓	1320		X	↓	M	X			
03	EFF 46 HZ		1325		X		L	X			
04	Trip Blank	↓	—		X	↓	—	X			

ANALYSIS REQUESTED

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Lan D. Whalen	9/21/17 0900
Received by: (signature)	Date/Time:
3.2°C	9/21/17 10:02
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

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

Deliverables
☐ Enhanced Data Package
☐ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☒ NY Regs Hits-Only EDD
Other:

NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

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Table of Contents

IMPORTANT!
FedEx is closely monitoring Hurricane Maria and impacts of the earthquake in Mexico. Learn More

FedEx ® Tracking

806832457074

Ship date:		Actual delivery:
Wed 9/20/2017	**Delivered**	**Thu 9/21/2017 10:02 am**
BRI US	*Signed for by: P.BLAKE*	MA US

2 Piece shipment

Travel History

▲ Date/Time	Activity	Location
▪ 9/21/2017 - Thursday		
10:02 am	Delivered	MA
8:07 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
7:59 am	At local FedEx facility	WINDSOR LOCKS, CT
6:33 am	At destination sort facility	EAST GRANBY, CT
4:45 am	Departed FedEx location	INDIANAPOLIS, IN
▪ 9/20/2017 - Wednesday		
11:36 pm	Arrived at FedEx location	INDIANAPOLIS, IN
8:15 pm	Left FedEx origin facility	NORTH SYRACUSE, NY
3:23 pm	Picked up	NORTH SYRACUSE, NY

Shipment Facts

Tracking number	806832457074	**Service**	FedEx Priority Overnight
Master tracking number	806832457074	**Dimensions**	19x11x13 in.
		Total pieces	2
Delivered To	Shipping/Receiving	**Terms**	Recipient
Total shipment weight	82 lbs / 37.19 kgs	**Packaging**	Your Packaging
Shipper reference	090	**Standard transit**	9/21/2017 by 10:30 am
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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Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Arcadis

Received By RAP Date 9/21/17 Time 10:02

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 3.2°C
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? ____
Are there Rushes? F Who was notified? ____
Are there Short Holds? F Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? F MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? T On COC? T
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	11	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

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