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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

Second Quarter 2019

August 2019

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Second Quarter 2019

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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 2019 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

No treatment plant upgrades were performed during this quarter.

3.2 Treatment Plant Operation

As shown on PLC facsimile reports (Appendix A) and O&M Checklist and Operation Logs (Appendix B), the Gladding Cordage groundwater treatment system was intermittently shut down in April and June due to power interruptions, resulting in system runtimes of 61 percent in April and 77 percent in June. After each power failure, the system was restarted remotely and manually.

The average monthly flow rates and total flow volumes for the second quarter 2019 operating period are summarized in Table 3-1. As shown in Table 3-1, the reported average flow rate from recovery well RW-1 was 17.1 gallons per minute (GPM). However, the flow transmitter for RW-1 previously stopped working and was replaced in March 2019. Therefore, the flow total from RW-1 is greater than the values reported by the PLC. The average flow from RW-2 was approximately 21.6 GPM. Based on the total flow values, approximately 4.4 million gallons of water were treated and discharged to the Otselic River between April and June 2019. 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 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 were measured at 42.6 micrograms per liter (ug/L) in April 2019, 35.4 ug/L in May 2019, and 35.3 (µg/L) in June 2019. The concentrations of 1,1,1-TCA for recovery well RW-2 were measured at 43.2 ug/L (April 2019), 29.2 ug/L (May 2019), and 29.5 µg/L (June 2019), which is consistent with the first quarter 2019

concentrations of 1,1,1-TCA. 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), 1,1-dichloroethene (1,1-DCE), and bromomethane were detected in the second quarter 2019 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 samples collected from April 2019, May 2019, and June 2019.

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 2019.

4 GROUNDWATER MONITORING PROGRAM

Groundwater samples are collected on a five-quarter sampling interval in accordance with the SMP. Groundwater sampling was conducted March 25th and March 26th, 2019 to provide information on groundwater quality, monitor contaminant migration in groundwater, and assess hydrogeologic site conditions, including groundwater flow. The results of the March 2019 groundwater monitoring event were reported to the NYSDEC in a separate monitoring report. The next groundwater sampling event is scheduled to occur during the second quarter 2020.

5 RECOMMENDATIONS

Based on the data presented herein, there are no recommended changes to the operation of the treatment plant.

6 SUMMARY

The Gladding Cordage groundwater treatment system was shut down in April and June due to power interruptions. The average total flow through the treatment system during the second quarter 2019 was approximately 19.4 GPM.

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 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 2019.

Based on the current five-quarter sampling interval, the next groundwater monitoring event is scheduled to occur during the second quarter 2020.

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-19	22	71%	100%	100%	0 *	22.7	65,264,469	66,057,723	288,847	737,808	1,026,655	
February-19	20	71%	100%	100%	0 *	22.7	65,553,391	66,815,952	288,922	758,229	1,047,151	3,794,461
March-19	29	94%	100%	100%	17.1	22.2	66,300,433	67,789,565	747,042	973,613	1,720,655	
April-19	19	61%	100%	100%	17.2	21.8	67,047,475	68,305,647	763,353	516,082	1,279,435	
May-19	31	100%	100%	100%	17.2	21.5	67,810,828	69,275,331	777,772	969,684	1,747,456	4,403,002
June-19	24	77%	100%	100%	17	21.5	68,588,600	70,038,034	613,408	762,703	1,376,111	
Total Flow 2019					17.1	21.6			5,288,682	7,905,198	13,193,880	

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 6/22/2018 WATER ug/L	RW-1 7/29/2018 WATER ug/L	RW-1 8/27/2018 WATER ug/L	RW-1 9/27/2018 WATER ug/L	RW-1 10/19/2018 WATER ug/L	RW-1 11/26/2018 WATER ug/L	RW-1 12/16/2018 WATER ug/L	RW-1 1/21/2019 WATER ug/L	RW-1 2/14/2019 WATER ug/L	RW-1 3/26/2019 WATER ug/L	RW-1 4/30/2019 WATER ug/L	RW-1 5/20/2019 WATER ug/L	RW-1 6/22/219 WATER ug/L
VOCs														
1,1,1-Trichloroethane	5	**41**	**42 J**	**45**	**47**	**47**	**35**	**35**	**36.1**	**39.4**	**32.3**	**42.6**	**35.4**	**35.3**
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	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	2.0 U
1,1-Dichloroethane	5	1.9 J	1.7 J	1.8 J	1.6 J	1.7 J	1.6 J	1.7 J	1.37 J	1.4 J	1.02 J	1.58 J	1.26 J	1.3 J
1,1-Dichloroethene	5	0.85 J	0.79 J	1.0 J	0.99 J	1.0 J	0.96 J	0.98 J	3.39 J	0.79 J	0.70 J	1.08 J	0.86 J	0.86 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	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	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	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	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	2.0 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	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	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	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.6 J	0.9 J	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	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	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	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	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	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	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	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	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	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	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	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	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	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	2.0 U
trans-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	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	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	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	2.0 U
Total VOCs		43.8	44.5	47.8	49.6	49.7	38.2	38.6	42.9	43.6	34.0	45.3	37.5	37.5

- Concentration exceeds corresponding 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 6/22/2018 WATER ug/L	RW-2 7/29/2018 WATER ug/L	RW-2 8/27/2018 WATER ug/L	RW-2 9/27/2018 WATER ug/L	RW-2 10/19/2018 WATER ug/L	RW-2 11/26/2018 WATER ug/L	RW-2 12/16/2018 WATER ug/L	RW-2 1/21/2019 WATER ug/L	RW-2 2/14/2019 WATER ug/L	RW-2 3/26/2019 WATER ug/L	RW-2 4/30/2019 WATER ug/L	RW-2 5/20/2019 WATER ug/L	RW-2 6/22/2019 WATER ug/L
VOCs														
1,1,1-Trichloroethane	5	**50**	**49**	**51**	**43**	**37**	**29**	**29**	**27.8**	**40.2**	**28**	**43.2**	**29.2**	**29.5**
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	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	2.0 U
1,1-Dichloroethane	5	1.4 J	1.3 J	1.3 J	0.92 J	0.89 J	0.76 J	0.78 J	0.67 J	0.9 J	0.54 J	1 J	0.63 J	0.7 J
1,1-Dichloroethene	5	1.2 J	0.93 J	1.1 J	0.92 J	0.85 J	0.75 J	0.75 J	4.1	0.78 J	0.61 J	1.05 J	0.68 J	0.66 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	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	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	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	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	2.0 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	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	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	2.0 U
Bromomethane	5	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.62 J	0.65 J	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	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	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	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	2.0 U
Chloromethane		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	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	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	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	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	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	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	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	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	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	2.0 U
trans-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	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	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	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	2.0 U
Total VOCs		52.6	51.2	53.4	44.8	38.7	30.5	30.5	32.6	41.9	29.2	45.3	30.5	30.9

- 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

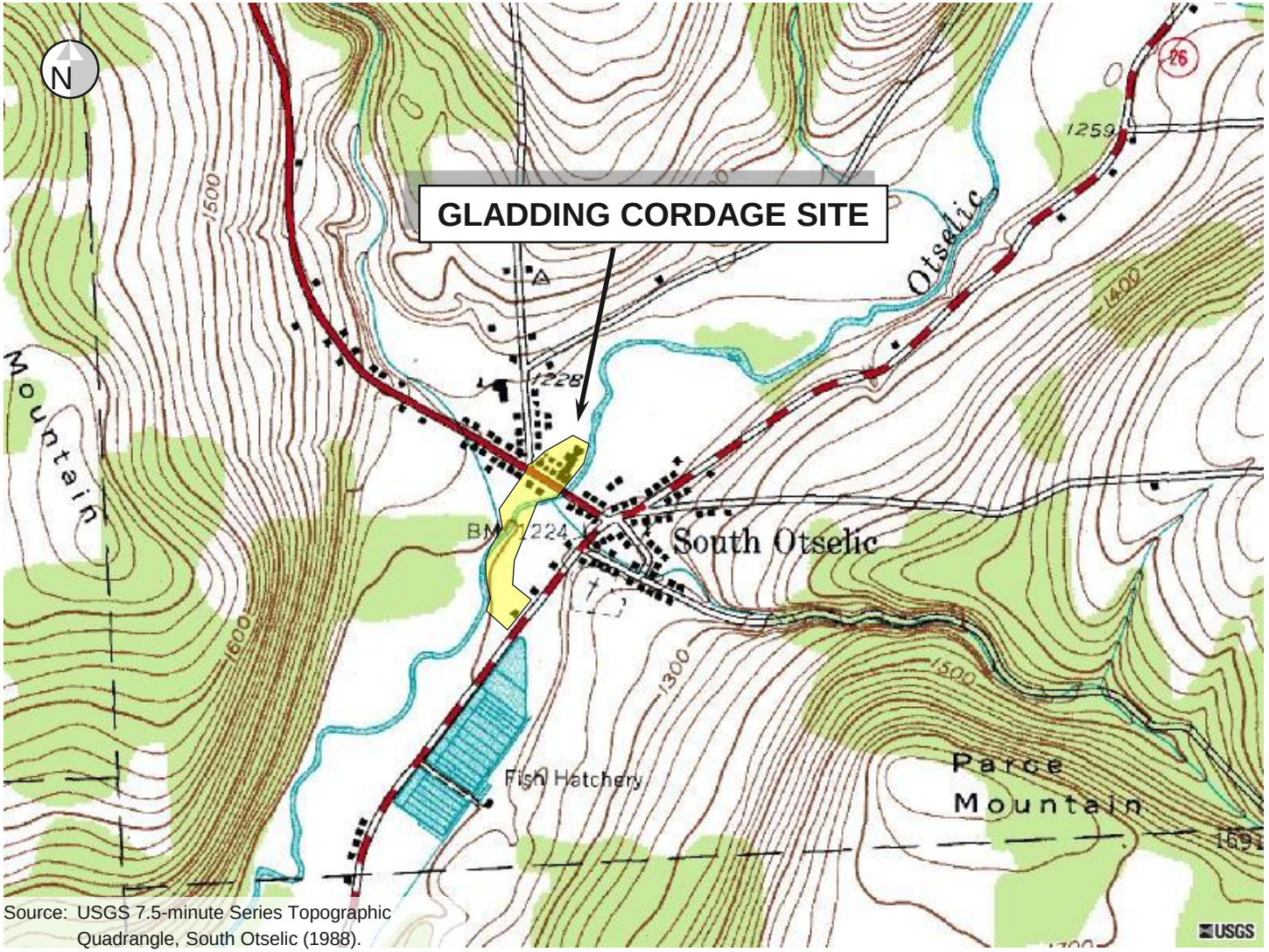
Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(46HZ) 6/22/2018 WATER ug/L	EFF(46HZ) 7/29/2018 WATER ug/L	EFF(46HZ) 8/28/2018 WATER ug/L	EFF(46HZ) 9/27/2018 WATER ug/L	EFF(46HZ) 10/19/2018 WATER ug/L	EFF(46HZ) 11/26/2018 WATER ug/L	EFF(46HZ) 12/16/2018 WATER ug/L	EFF(46HZ) 1/21/2019 WATER ug/L	EFF(46HZ) 2/14/2019 WATER ug/L	EFF(46HZ) 3/26/2019 WATER ug/L	EFF(46HZ) 4/30/2019 WATER ug/L	EFF(46HZ) 5/20/2019 WATER ug/L	EFF(46HZ) 6/22/219 WATER ug/L
VOCs														
1,1,1-Trichloroethane	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	2.0 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	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	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	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	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	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	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	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	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	2.0 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	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	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	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.82 J	0.93 J	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	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	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	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	2.0 U
Chloromethane		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	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	2.0 U
Dibromochloromethane	50	NA	NA	NA	NA	2.0 U	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	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	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	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	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	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	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	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	2.0 U
trans-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	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	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	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	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

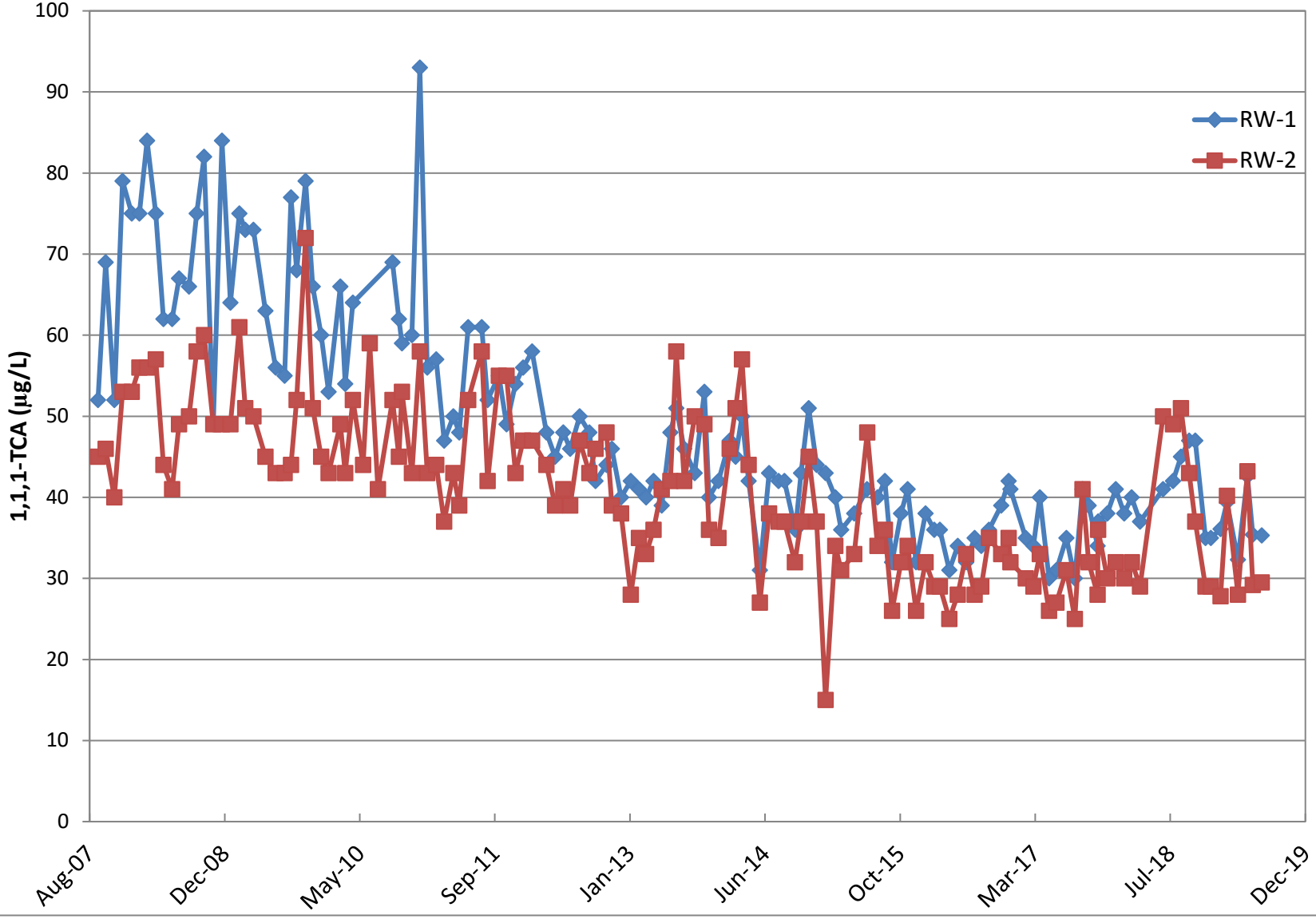


Source: USGS 7.5-minute Series Topographic Quadrangle, South Otselic (1988).

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 04/01/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

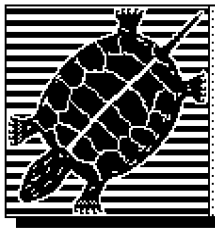
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.9	GPM	TOTAL FLOW is	64093979	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	67811615	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.43	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.00	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 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 63.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/02/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

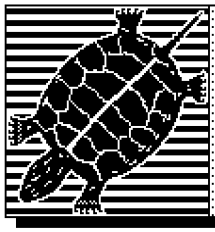
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.4	GPM	TOTAL FLOW is	64119706	GAL				
W2_FLO is 21.3	GPM	TOTAL FLOW is	67842746	GAL				
ASBPRS is 11.2	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.41	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.41	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.82	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.59	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/03/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

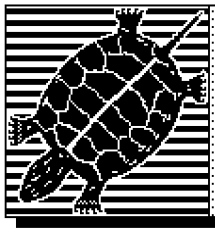
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.6	GPM	TOTAL FLOW is	64145285	GAL				
W2_FLO is 21.4	GPM	TOTAL FLOW is	67873856	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.36	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.34	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 64.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/04/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

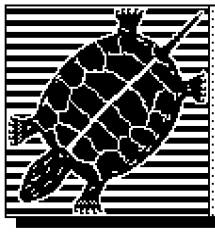
W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	64152658	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	67882859	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	736997	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 33.82	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.84	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 62.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/05/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 OFF
W2_ALM is OFF	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	64152658	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	67882859	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	736997	GAL				
HP_PRS is 1.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 33.71	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.62	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 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 04/06/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 OFF
W2_ALM is OFF	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	64152658	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	67882859	GAL				
ASBPRS is 0.3	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 33.47	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.52	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 65.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/07/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

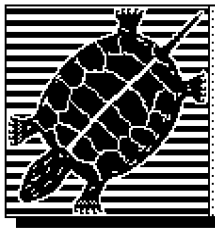
W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	64152658	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	67882859	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	736997	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 33.55	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.60	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 65.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/08/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

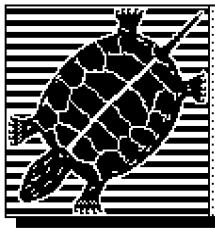
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 18.1	GPM	TOTAL FLOW is	64170374	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	67904415	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	736997	GAL				
HP_PRS is 1.3	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 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.94	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 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 65.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/09/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 18.3	GPM	TOTAL FLOW is	64196036	GAL				
W2_FLO is 21.4	GPM	TOTAL FLOW is	67935627	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.96	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.38	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 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 04/10/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

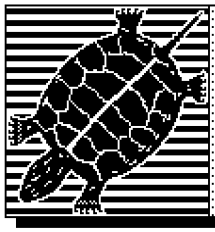
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	17.8	GPM	TOTAL FLOW is	64221664	GAL			
W2_FLO is	21.7	GPM	TOTAL FLOW is	67966731	GAL			
ASBPRS is	10.6	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	736997	GAL			
HP_PRS is	1.3	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	4.52	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.50	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	30.95	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	56.27	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	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 04/11/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

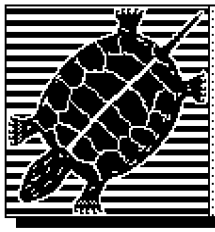
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.8	GPM	TOTAL FLOW is	64247232	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	67997813	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.2	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 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.10	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.06	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.1	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/12/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.9	GPM	TOTAL FLOW is	64272704	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	68028790	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.84	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.77	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.4	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 @ 11:53:42 ON 04/19/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD
FAX REPORT INITIATED BY KEYPAD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 17.0	GPM	TOTAL FLOW is	64285338	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	68044171	GAL				
ASBPRS is 9.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.56	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.79	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.74	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 73.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/20/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

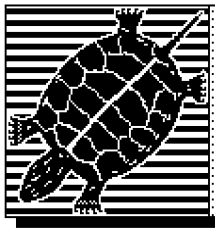
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.7	GPM	TOTAL FLOW is	64304284	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	68067889	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	736997	GAL				
HP_PRS is 1.3	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 4.53	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 31.38	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.86	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 69.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/21/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

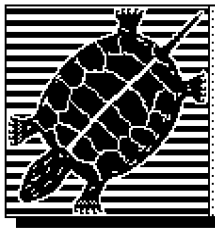
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.6	GPM	TOTAL FLOW is	64329506	GAL				
W2_FLO is 21.8	GPM	TOTAL FLOW is	68099439	GAL				
ASBPRS is 10.4	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.52	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.18	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.48	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 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 04/22/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

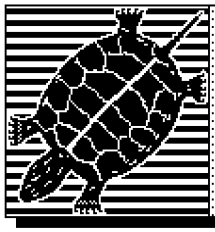
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.4	GPM	TOTAL FLOW is	64354579	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	68131064	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.2	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 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.25	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 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 64.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/23/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.1	GPM	TOTAL FLOW is	64379497	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	68162554	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.90	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.98	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 64.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/24/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

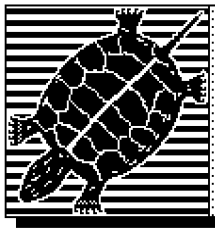
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.4	GPM	TOTAL FLOW is	64404358	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	68193892	GAL				
ASBPRS is 10.4	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.42	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.56	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.98	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 63.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/25/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.1	GPM	TOTAL FLOW is	64429203	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	68225270	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.43	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.59	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.85	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/26/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.1	GPM	TOTAL FLOW is	64454123	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	68256605	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	736997	GAL				
HP_PRS is 1.3	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 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.16	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.68	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 4.3	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 04/27/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

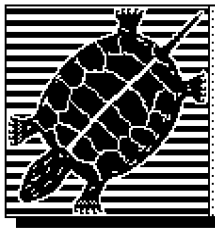
W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	64468057	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	68274126	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	736997	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 32.47	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.62	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 61.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/28/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 OFF
W2_ALM is OFF	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	64468057	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	68274126	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	736997	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 32.80	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.48	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 61.5	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 @ 06:00:29 ON 04/29/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P07 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

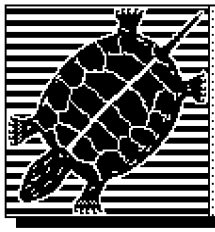
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.3	GPM	TOTAL FLOW is	64468065	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	68274134	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	736997	GAL				
HP_PRS is 1.4	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 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.46	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.73	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.12	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 56.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/30/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.2	GPM	TOTAL FLOW is	64493141	GAL				
W2_FLO is 21.8	GPM	TOTAL FLOW is	68305641	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.2	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 4.39	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.41	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.62	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.74	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 71.1	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/01/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

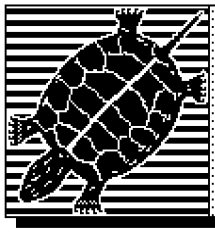
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.3	GPM	TOTAL FLOW is	64518136	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	68336994	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 1.3	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 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.83	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.72	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 71.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/02/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

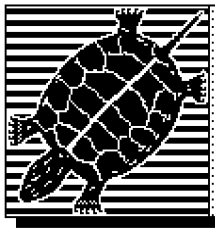
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.9	GPM	TOTAL FLOW is	64543070	GAL				
W2_FLO is 21.8	GPM	TOTAL FLOW is	68368264	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	736997	GAL				
HP_PRS is 1.3	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 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.55	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.70	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 75.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/03/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.4	GPM	TOTAL FLOW is	64567944	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	68399513	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	736997	GAL				
HP_PRS is 1.3	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 4.51	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 30.45	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.64	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 74.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/04/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.4	GPM	TOTAL FLOW is	64592826	GAL				
W2_FLO is 21.3	GPM	TOTAL FLOW is	68430751	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	736997	GAL				
HP_PRS is 1.3	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 4.55	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 30.54	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 4.2	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 74.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/05/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.3	GPM	TOTAL FLOW is	64617686	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	68461985	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	736997	GAL				
HP_PRS is 1.3	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 4.56	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 30.32	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.74	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	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 74.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/06/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.2	GPM	TOTAL FLOW is	64642510	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	68493179	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	736997	GAL				
HP_PRS is 1.2	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 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.33	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.74	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	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 76.2	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 @ 11:13:44 ON 05/06/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P12 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD
FAX REPORT INITIATED BY PROCESS 11

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:

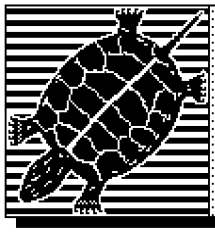
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.7	GPM	TOTAL FLOW is	64647912	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	68499969	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	736997	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.48	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.74	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 69.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/07/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

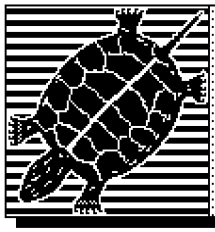
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.5	GPM	TOTAL FLOW is	64667419	GAL				
W2_FLO is 21.3	GPM	TOTAL FLOW is	68524399	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	736997	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 4.42	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.40	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.62	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 58.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/08/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

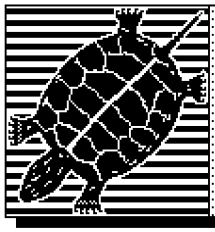
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.0	GPM	TOTAL FLOW is	64692411	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	68555737	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.43	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.46	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.57	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.68	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 55.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/09/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

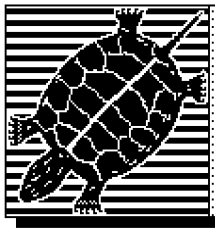
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.5	GPM	TOTAL FLOW is	64717360	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	68587158	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.43	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.45	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 55.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/10/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

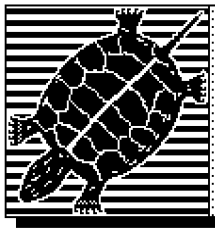
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	17.0	GPM	TOTAL FLOW is	64742238	GAL			
W2_FLO is	21.6	GPM	TOTAL FLOW is	68618554	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	736997	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	4.47	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.49	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	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	4.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	57.6	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/11/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

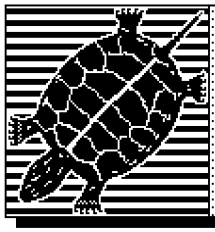
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.1	GPM	TOTAL FLOW is	64767209	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	68649961	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.54	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.94	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 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 54.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/12/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

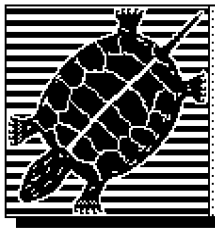
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.4	GPM	TOTAL FLOW is	64792249	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	68681338	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.58	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 30.53	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.87	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 54.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/13/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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	17.3	GPM	TOTAL FLOW is	64817623	GAL			
W2_FLO is	22.2	GPM	TOTAL FLOW is	68712716	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	736997	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	4.44	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.44	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	30.93	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	56.42	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	4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	52.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/14/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.4	GPM	TOTAL FLOW is	64843136	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	68744163	GAL				
ASBPRS is 10.4	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.40	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.40	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.72	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.35	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 52.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/15/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

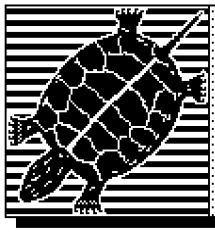
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.9	GPM	TOTAL FLOW is	64868721	GAL				
W2_FLO is 21.9	GPM	TOTAL FLOW is	68775653	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.40	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.41	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.72	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.24	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 52.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/16/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

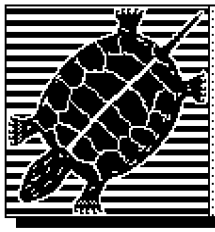
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 18.1	GPM	TOTAL FLOW is	64894247	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	68807075	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	736997	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 4.43	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.21	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.76	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 53.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/17/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

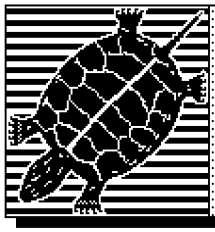
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.7	GPM	TOTAL FLOW is	64919681	GAL				
W2_FLO is 21.8	GPM	TOTAL FLOW is	68838462	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	736997	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 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.73	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.38	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 57.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/18/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

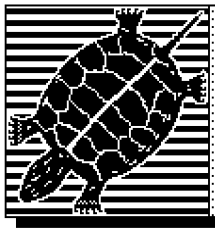
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 18.0	GPM	TOTAL FLOW is	64945032	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	68869822	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.53	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 30.82	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.25	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 52.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/19/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.8	GPM	TOTAL FLOW is	64970318	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	68901140	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	736997	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 4.61	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 30.57	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 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 56.1	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/20/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.5	GPM	TOTAL FLOW is	64995582	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	68932405	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	736997	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 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.50	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.06	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/21/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

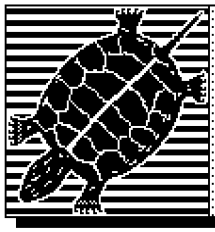
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.6	GPM	TOTAL FLOW is	65020805	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	68963662	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.48	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.06	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 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 55.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/22/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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	16.8	GPM	TOTAL FLOW is	65045976	GAL			
W2_FLO is	22.2	GPM	TOTAL FLOW is	68994920	GAL			
ASBPRS is	10.6	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	736997	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	4.44	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.44	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	30.56	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.87	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.0	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	52.3	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/23/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.4	GPM	TOTAL FLOW is	65071084	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	69026152	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	736997	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 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.27	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.64	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 56.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/24/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

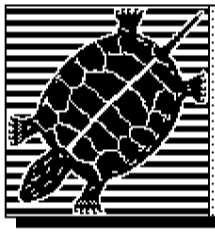
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.1	GPM	TOTAL FLOW is	65096131	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	69057351	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	736997	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 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.98	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.55	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 58.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/25/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.4	GPM	TOTAL FLOW is	65121179	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	69088520	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.17	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.53	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	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 54.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/26/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.3	GPM	TOTAL FLOW is	65146230	GAL				
W2_FLO is 20.9	GPM	TOTAL FLOW is	69119670	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	736997	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 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.56	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.11	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.68	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/27/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.2	GPM	TOTAL FLOW is	65171340	GAL				
W2_FLO is 21.4	GPM	TOTAL FLOW is	69150790	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	736997	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 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.98	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.51	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 56.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/28/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

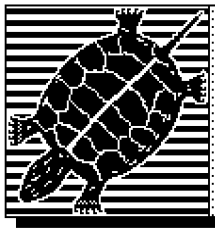
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.2	GPM	TOTAL FLOW is	65196383	GAL				
W2_FLO is 21.9	GPM	TOTAL FLOW is	69181895	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	736997	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 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.67	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.24	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 58.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/29/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.2	GPM	TOTAL FLOW is	65221404	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	69213057	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	736997	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 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.65	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.36	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 57.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/30/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.6	GPM	TOTAL FLOW is	65246170	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	69244206	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	736997	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 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.54	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.22	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 3.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 59.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/31/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.2	GPM	TOTAL FLOW is	65270913	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	69275331	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	736997	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 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.45	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.22	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 3.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 59.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/01/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.2	GPM	TOTAL FLOW is	65295605	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	69306445	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	736997	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 4.53	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 29.45	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.07	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 56.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/02/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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	17.0	GPM	TOTAL FLOW is	65320275	GAL			
W2_FLO is	21.7	GPM	TOTAL FLOW is	69337543	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	736997	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	4.56	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	29.23	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	54.96	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	3.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	58.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/03/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

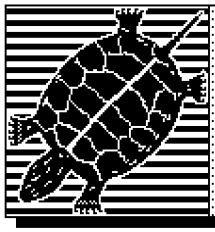
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.1	GPM	TOTAL FLOW is	65344968	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	69368641	GAL				
ASBPRS is 10.4	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.33	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.03	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 54.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/04/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

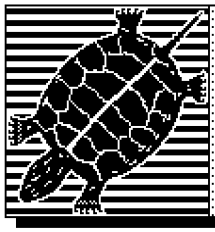
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.4	GPM	TOTAL FLOW is	65369630	GAL				
W2_FLO is 21.4	GPM	TOTAL FLOW is	69399736	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.58	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.94	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 52.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/05/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.1	GPM	TOTAL FLOW is	65394191	GAL				
W2_FLO is 21.8	GPM	TOTAL FLOW is	69430770	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	736997	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 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.30	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.90	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 57.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/06/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

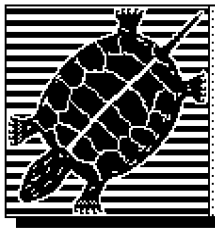
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.1	GPM	TOTAL FLOW is	65418711	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	69461768	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	736997	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 4.46	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.26	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.01	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 3.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/07/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.6	GPM	TOTAL FLOW is	65443426	GAL				
W2_FLO is 21.2	GPM	TOTAL FLOW is	69492738	GAL				
ASBPRS is 10.4	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.41	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.03	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 55.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/08/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.0	GPM	TOTAL FLOW is	65468470	GAL				
W2_FLO is 21.8	GPM	TOTAL FLOW is	69523600	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	736997	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 4.56	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.56	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.50	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.94	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 55.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/09/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

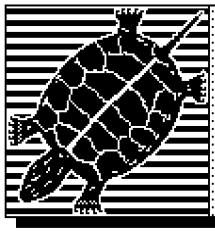
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.4	GPM	TOTAL FLOW is	65493502	GAL				
W2_FLO is 21.4	GPM	TOTAL FLOW is	69554519	GAL				
ASBPRS is 10.5	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.59	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 29.57	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.84	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 56.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/10/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

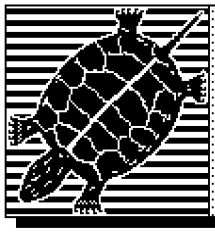
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.3	GPM	TOTAL FLOW is	65518550	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	69585433	GAL				
ASBPRS is 10.4	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	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 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.34	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 4.2	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 57.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/11/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P09 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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	17.3	GPM	TOTAL FLOW is	65543606	GAL			
W2_FLO is	21.6	GPM	TOTAL FLOW is	69616357	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	736997	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	4.51	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.51	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	29.63	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.28	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	3.7	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 06/12/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 OFF
W2_ALM is OFF	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	65546485	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	69619902	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	736997	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 31.88	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.59	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 54.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/13/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 OFF
W2_ALM is OFF	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	65546485	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	69619902	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	736997	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 31.44	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.36	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 61.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/14/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

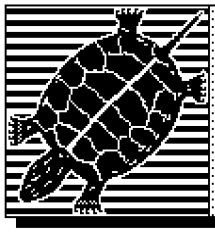
W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	65546485	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	69619902	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	736997	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 31.26	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.34	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 59.1	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 06/15/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

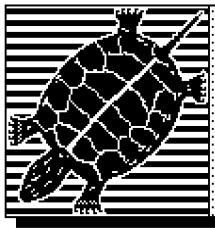
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	17.7	GPM	TOTAL FLOW is	65563331	GAL			
W2_FLO is	22.1	GPM	TOTAL FLOW is	69640571	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	736997	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	4.58	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	29.33	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	54.82	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	56.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/16/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

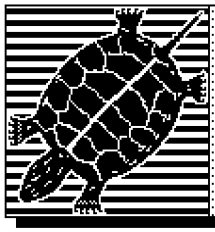
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	17.5	GPM	TOTAL FLOW is	65588801	GAL			
W2_FLO is	22.2	GPM	TOTAL FLOW is	69671947	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	736997	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	4.55	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.56	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	29.11	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	54.69	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	4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	60.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/17/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

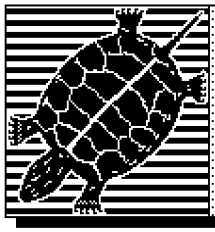
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.6	GPM	TOTAL FLOW is	65614283	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	69703367	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	736997	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.93	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.43	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 58.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/18/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.1	GPM	TOTAL FLOW is	65639733	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	69734753	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	736997	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 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.62	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.07	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 59.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/19/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

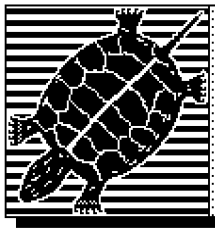
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.4	GPM	TOTAL FLOW is	65665094	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	69766089	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	736997	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 4.52	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 29.51	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.11	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/20/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 17.8	GPM	TOTAL FLOW is	65690444	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	69797382	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	736997	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 4.45	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.44	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.16	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.96	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 2.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 63.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/21/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

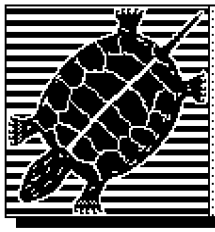
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.6	GPM	TOTAL FLOW is	65716005	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	69828714	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	736997	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 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.55	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.42	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 1.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/22/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

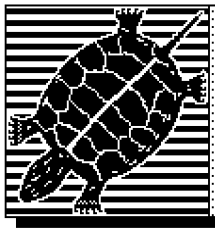
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 18.0	GPM	TOTAL FLOW is	65741587	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	69860113	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	736997	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.56	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.46	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 4.1	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 57.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/23/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

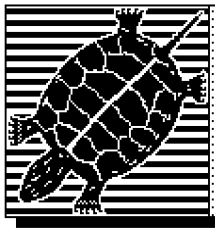
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	18.2	GPM	TOTAL FLOW is	65766901	GAL			
W2_FLO is	21.8	GPM	TOTAL FLOW is	69891445	GAL			
ASBPRS is	10.4	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	736997	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	4.58	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	55.64	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	3.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	57.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/24/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

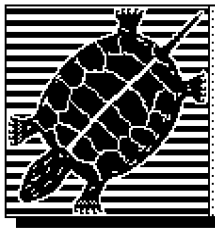
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.9	GPM	TOTAL FLOW is	65792054	GAL				
W2_FLO is 21.3	GPM	TOTAL FLOW is	69922769	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	736997	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 4.48	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.88	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.41	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 57.1	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 06/25/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

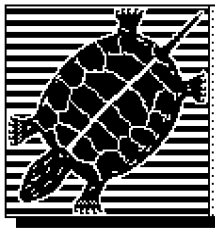
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.2	GPM	TOTAL FLOW is	65817159	GAL				
W2_FLO is 21.6	GPM	TOTAL FLOW is	69954118	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	736997	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 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.56	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.24	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 2.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 63.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/26/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

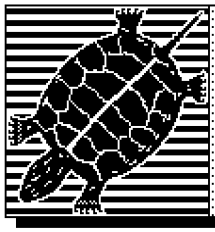
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.4	GPM	TOTAL FLOW is	65842219	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	69985452	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	736997	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 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.88	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.30	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 2.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/27/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 OFF
W2_ALM is OFF	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	65853869	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	70000034	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	736997	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 32.09	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.78	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 62.1	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/29/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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 OFF
W2_ALM is OFF	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	65884253	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	70037949	GAL				
ASBPRS is 0.3	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 31.72	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.44	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 66.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/30/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD

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:

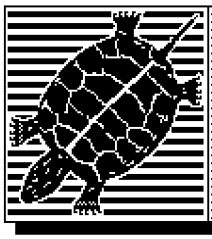
W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	65884253	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	70037949	GAL				
ASBPRS is 0.3	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	736997	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.01	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 31.42	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.38	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 65.5	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 @ 12:43:07 ON 06/30/2019
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 12:06:04 ON 03/14/2019 BY ASBVFD
FAX REPORT INITIATED BY KEYPAD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 17.0	GPM	TOTAL FLOW is	65884321	GAL				
W2_FLO is 21.5	GPM	TOTAL FLOW is	70038034	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	736997	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 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.56	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.43	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.94	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 3.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 69.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

APPENDIX B

O&M Checklists

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	4/7/2019
Inspector	L. Whalen
Time	1345

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)	17.3	21.2
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	31.71	56.06
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.1	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	58°

Heat Exchanger			
Heat (On/Off)	Off	Building Temperature (°F)	78°
Heat Exchanger Flow (GPM)	0.0	Heat Exchanger Pressure (PSI)	1.5

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

Notes:

System Restart: 1345

System Check: 1405

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	4/29/2019
Inspector	L. Whalen
Time	0650

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)	17.2	21.6
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	31.06	55.89
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)	10.9	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	44°

Heat Exchanger			
Heat (On/Off)	Off	Building Temperature (°F)	60°
Heat Exchanger Flow (GPM)	0.0	Heat Exchanger Pressure (PSI)	1.5

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

Notes:

System Restart: 0600

Collected Samples: RW-1 (MS/MSD) - 0620
RW-2 - 0630
EFF 46 - HZ - 0635

System Check: 1340

Building Check: 0700 Turned wall heater back up a little. 25° out- will check again next week

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	5/20/2019
Inspector	L. Whalen
Time	1030

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)	17.2	21.4
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	30.51	56.08
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)	10.0	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)	64.7°
Heat Exchanger Flow (GPM)	Off	Heat Exchanger Pressure (PSI)	Off

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:

Samples Collected: RW-1 (MS/MSD) - 0830
RW-2 - 0840
EFF-46 HZ - 0845

Grass mowed

Building and well check: 1030

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	6/21/2019
Inspector	L. Whalen
Time	0900

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)	17.6	21.7
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	30.57	56.42
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.1	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	58°

Heat Exchanger			
Heat (On/Off)	Off	Building Temperature (°F)	62.1°
Heat Exchanger Flow (GPM)	0.0	Heat Exchanger Pressure (PSI)	0.0

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:

Building/ System Check: 0645

Samples Collected: RW-1 (MS/MSD) - 0710
RW-2 - 0720
EFF-46 HZ - 0725

Grass mowed: 0745

System Check: 0850

APPENDIX C

Analytical Reporting Forms

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

May 9, 2019

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: 19D1563

Enclosed are results of analyses for samples received by the laboratory on April 30, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

con-test®
ANALYTICAL LABORATORY

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

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

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

REPORT DATE: 5/9/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19D1563

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 (MS/MSD) 42919	19D1563-01	Ground Water		624.1	
RW-2 42919	19D1563-02	Ground Water		624.1	
EFF 46 HZ 42919	19D1563-03	Ground Water		624.1	
Trip Blank 42919	19D1563-04	Ground Water		624.1	

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.

Lisa A. Worthington
Technical Representative

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: 19D1563

Date Received: 4/30/2019

Field Sample #: RW-1 (MS/MSD) 42919 | Sampled: 4/29/2019 06:20

Sample ID: 19D1563-01

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	<1.00	1.00	0.180	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
1,1-Dichloroethane	1.58	2.00	0.160	µg/L	1	J	624.1	5/7/19	5/8/19 14:04	LBD
1,1-Dichloroethylene	1.08	2.00	0.320	µg/L	1	J	624.1	5/7/19	5/8/19 14:04	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
1,1,1-Trichloroethane	42.6	2.00	0.200	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	5/7/19	5/8/19 14:04	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		5/8/19 14:04
Toluene-d8	105	70-130		5/8/19 14:04
4-Bromofluorobenzene	104	70-130		5/8/19 14:04

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: 19D1563

Date Received: 4/30/2019

Field Sample #: RW-2 42919 | Sampled: 4/29/2019 06:30

Sample ID: 19D1563-02

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	<1.00	1.00	0.180	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
1,1-Dichloroethane	1.00	2.00	0.160	µg/L	1	J	624.1	5/7/19	5/8/19 14:35	LBD
1,1-Dichloroethylene	1.05	2.00	0.320	µg/L	1	J	624.1	5/7/19	5/8/19 14:35	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
1,1,1-Trichloroethane	43.2	2.00	0.200	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	5/7/19	5/8/19 14:35	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		5/8/19 14:35
Toluene-d8	104	70-130		5/8/19 14:35
4-Bromofluorobenzene	102	70-130		5/8/19 14:35

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: 19D1563

Date Received: 4/30/2019

Field Sample #: EFF 46 HZ 42919 | Sampled: 4/29/2019 06:35

Sample ID: 19D1563-03

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	<1.00	1.00	0.180	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
1,1-Dichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
1,1-Dichloroethylene	<2.00	2.00	0.320	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
1,1,1-Trichloroethane	<2.00	2.00	0.200	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	5/7/19	5/8/19 12:32	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		5/8/19 12:32
Toluene-d8	104	70-130		5/8/19 12:32
4-Bromofluorobenzene	104	70-130		5/8/19 12:32

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: 19D1563

Date Received: 4/30/2019

Field Sample #: Trip Blank 42919 | Sampled: 4/29/2019 00:00

Sample ID: 19D1563-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	<1.00	1.00	0.180	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Chloroform	0.170	2.00	0.170	µg/L	1	J	624.1	5/7/19	5/8/19 13:02	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
1,1-Dichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
1,1-Dichloroethylene	<2.00	2.00	0.320	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
1,1,1-Trichloroethane	<2.00	2.00	0.200	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	5/7/19	5/8/19 13:02	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		5/8/19 13:02
Toluene-d8	105	70-130		5/8/19 13:02
4-Bromofluorobenzene	104	70-130		5/8/19 13:02

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

Sample Extraction Data

Prep Method: SW-846 5030B-624.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19D1563-01 [RW-1 (MS/MSD) 42919]	B230049	5	5.00	05/07/19
19D1563-02 [RW-2 42919]	B230049	5	5.00	05/07/19
19D1563-03 [EFF 46 HZ 42919]	B230049	5	5.00	05/07/19
19D1563-04 [Trip Blank 42919]	B230049	5	5.00	05/07/19

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B230049 - SW-846 5030B										
Blank (B230049-BLK1)				Prepared: 05/07/19 Analyzed: 05/08/19						
Benzene	ND	1.00	µg/L							
Bromodichloromethane	ND	2.00	µg/L							
Bromoform	ND	2.00	µg/L							
Bromomethane	ND	2.00	µg/L							
Carbon Tetrachloride	ND	2.00	µg/L							
Chlorobenzene	ND	2.00	µg/L							
Chlorodibromomethane	ND	2.00	µg/L							
Chloroethane	ND	2.00	µg/L							
Chloroform	ND	2.00	µg/L							
Chloromethane	ND	2.00	µg/L							
1,2-Dichlorobenzene	ND	2.00	µg/L							
1,3-Dichlorobenzene	ND	2.00	µg/L							
1,4-Dichlorobenzene	ND	2.00	µg/L							
1,2-Dichloroethane	ND	2.00	µg/L							
1,1-Dichloroethane	ND	2.00	µg/L							
1,1-Dichloroethylene	ND	2.00	µg/L							
trans-1,2-Dichloroethylene	ND	2.00	µg/L							
1,2-Dichloropropane	ND	2.00	µg/L							
cis-1,3-Dichloropropene	ND	2.00	µg/L							
trans-1,3-Dichloropropene	ND	2.00	µg/L							
Ethylbenzene	ND	2.00	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.00	µg/L							
Methylene Chloride	ND	5.00	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.00	µg/L							
Tetrachloroethylene	ND	2.00	µg/L							
Toluene	ND	1.00	µg/L							
1,1,1-Trichloroethane	ND	2.00	µg/L							
1,1,2-Trichloroethane	ND	2.00	µg/L							
Trichloroethylene	ND	2.00	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.00	µg/L							
Vinyl Chloride	ND	2.00	µg/L							
m+p Xylene	ND	2.00	µg/L							
o-Xylene	ND	2.00	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103	70-130			
Surrogate: Toluene-d8	*25.9*		µg/L	25.0		104	70-130			
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103	70-130			
LCS (B230049-BS1)				Prepared: 05/07/19 Analyzed: 05/08/19						
Benzene	19	1.00	µg/L	20.0		96.8	65-135			
Bromodichloromethane	21	2.00	µg/L	20.0		104	65-135			
Bromoform	20	2.00	µg/L	20.0		98.8	70-130			
Bromomethane	13	2.00	µg/L	20.0		65.9	15-185			
Carbon Tetrachloride	21	2.00	µg/L	20.0		103	70-130			
Chlorobenzene	20	2.00	µg/L	20.0		99.6	65-135			
Chlorodibromomethane	22	2.00	µg/L	20.0		111	70-135			
Chloroethane	19	2.00	µg/L	20.0		96.7	40-160			
Chloroform	20	2.00	µg/L	20.0		99.8	70-135			
Chloromethane	12	2.00	µg/L	20.0		61.8	20-205			
1,2-Dichlorobenzene	19	2.00	µg/L	20.0		97.2	65-135			
1,3-Dichlorobenzene	19	2.00	µg/L	20.0		96.4	70-130			
1,4-Dichlorobenzene	19	2.00	µg/L	20.0		94.6	65-135			
1,2-Dichloroethane	21	2.00	µg/L	20.0		107	70-130			

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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 B230049 - SW-846 5030B										
LCS (B230049-BS1)				Prepared: 05/07/19 Analyzed: 05/08/19						
1,1-Dichloroethane	20	2.00	µg/L	20.0		101	70-130			
1,1-Dichloroethylene	19	2.00	µg/L	20.0		97.2	50-150			
trans-1,2-Dichloroethylene	20	2.00	µg/L	20.0		102	70-130			
1,2-Dichloropropane	20	2.00	µg/L	20.0		99.2	35-165			
cis-1,3-Dichloropropene	20	2.00	µg/L	20.0		99.0	25-175			
trans-1,3-Dichloropropene	20	2.00	µg/L	20.0		97.7	50-150			
Ethylbenzene	19	2.00	µg/L	20.0		94.4	60-140			
Methyl tert-Butyl Ether (MTBE)	21	2.00	µg/L	20.0		103	70-130			
Methylene Chloride	19	5.00	µg/L	20.0		96.2	60-140			
1,1,2,2-Tetrachloroethane	21	2.00	µg/L	20.0		104	60-140			
Tetrachloroethylene	22	2.00	µg/L	20.0		109	70-130			
Toluene	20	1.00	µg/L	20.0		99.4	70-130			
1,1,1-Trichloroethane	20	2.00	µg/L	20.0		97.8	70-130			
1,1,2-Trichloroethane	20	2.00	µg/L	20.0		102	70-130			
Trichloroethylene	20	2.00	µg/L	20.0		102	65-135			
Trichlorofluoromethane (Freon 11)	18	2.00	µg/L	20.0		91.6	50-150			
Vinyl Chloride	16	2.00	µg/L	20.0		80.6	5-195			
m+p Xylene	38	2.00	µg/L	40.0		96.2	70-130			
o-Xylene	20	2.00	µg/L	20.0		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.2	70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103	70-130			
Matrix Spike (B230049-MS1)	**Source: 19D1563-01**			Prepared: 05/07/19 Analyzed: 05/08/19						
Benzene	11	1.00	µg/L	10.0	ND	106	37-151			
Bromodichloromethane	11	2.00	µg/L	10.0	ND	111	35-155			
Bromoform	9.5	2.00	µg/L	10.0	ND	95.0	45-169			
Bromomethane	7.6	2.00	µg/L	10.0	ND	76.3	20-242			
Carbon Tetrachloride	11	2.00	µg/L	10.0	ND	115	70-140			
Chlorobenzene	11	2.00	µg/L	10.0	ND	108	37-160			
Chlorodibromomethane	11	2.00	µg/L	10.0	ND	113	53-149			
Chloroethane	11	2.00	µg/L	10.0	ND	112	14-230			
Chloroform	11	2.00	µg/L	10.0	ND	109	51-138			
Chloromethane	7.2	2.00	µg/L	10.0	ND	72.1	20-273			
1,2-Dichlorobenzene	10	2.00	µg/L	10.0	ND	100	18-190			
1,3-Dichlorobenzene	10	2.00	µg/L	10.0	ND	102	59-156			
1,4-Dichlorobenzene	10	2.00	µg/L	10.0	ND	100	18-190			
1,2-Dichloroethane	11	2.00	µg/L	10.0	ND	114	49-155			
1,1-Dichloroethane	13	2.00	µg/L	10.0	1.6	110	59-155			
1,1-Dichloroethylene	12	2.00	µg/L	10.0	1.1	112	20-234			
trans-1,2-Dichloroethylene	12	2.00	µg/L	10.0	ND	117	54-156			
1,2-Dichloropropane	11	2.00	µg/L	10.0	ND	109	20-210			
cis-1,3-Dichloropropene	10	2.00	µg/L	10.0	ND	100	20-227			
trans-1,3-Dichloropropene	9.6	2.00	µg/L	10.0	ND	95.7	17-183			
Ethylbenzene	11	2.00	µg/L	10.0	ND	106	37-162			
Methyl tert-Butyl Ether (MTBE)	11	2.00	µg/L	10.0	ND	108	70-130			
Methylene Chloride	11	5.00	µg/L	10.0	ND	107	20-221			
1,1,2,2-Tetrachloroethane	10	2.00	µg/L	10.0	ND	105	46-157			
Tetrachloroethylene	12	2.00	µg/L	10.0	ND	119	64-148			
Toluene	11	1.00	µg/L	10.0	ND	110	47-150			
1,1,1-Trichloroethane	52	2.00	µg/L	10.0	43	94.4	52-162			
1,1,2-Trichloroethane	11	2.00	µg/L	10.0	ND	107	52-150			

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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 B230049 - SW-846 5030B										
Matrix Spike (B230049-MS1)	**Source: 19D1563-01**			Prepared: 05/07/19 Analyzed: 05/08/19						
Trichloroethylene	11	2.00	µg/L	10.0	ND	112	70-157			
Trichlorofluoromethane (Freon 11)	11	2.00	µg/L	10.0	ND	106	17-181			
Vinyl Chloride	9.6	2.00	µg/L	10.0	ND	95.5	20-251			
m+p Xylene	21	2.00	µg/L	20.0	ND	105	70-130			
o-Xylene	11	2.00	µg/L	10.0	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	*25.0*		µg/L	25.0		99.9	70-130			
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/L	25.0		104	70-130			
Matrix Spike Dup (B230049-MSD1)	**Source: 19D1563-01**			Prepared: 05/07/19 Analyzed: 05/08/19						
Benzene	9.8	1.00	µg/L	10.0	ND	97.6	37-151	8.44	61	
Bromodichloromethane	10	2.00	µg/L	10.0	ND	104	35-155	6.63	56	
Bromoform	8.6	2.00	µg/L	10.0	ND	86.1	45-169	9.83	42	
Bromomethane	7.4	2.00	µg/L	10.0	ND	74.2	20-242	2.79	61	
Carbon Tetrachloride	11	2.00	µg/L	10.0	ND	107	70-140	7.23	41	
Chlorobenzene	10	2.00	µg/L	10.0	ND	99.5	37-160	8.56	53	
Chlorodibromomethane	11	2.00	µg/L	10.0	ND	107	53-149	5.37	50	
Chloroethane	10	2.00	µg/L	10.0	ND	101	14-230	9.88	78	
Chloroform	10	2.00	µg/L	10.0	ND	102	51-138	6.94	54	
Chloromethane	6.6	2.00	µg/L	10.0	ND	66.3	20-273	8.38	60	
1,2-Dichlorobenzene	9.4	2.00	µg/L	10.0	ND	93.7	18-190	6.80	57	
1,3-Dichlorobenzene	9.4	2.00	µg/L	10.0	ND	94.3	59-156	7.94	43	
1,4-Dichlorobenzene	9.4	2.00	µg/L	10.0	ND	93.5	18-190	6.92	57	
1,2-Dichloroethane	11	2.00	µg/L	10.0	ND	106	49-155	7.72	49	
1,1-Dichloroethane	12	2.00	µg/L	10.0	1.6	103	59-155	5.70	40	
1,1-Dichloroethylene	11	2.00	µg/L	10.0	1.1	103	20-234	7.94	32	
trans-1,2-Dichloroethylene	11	2.00	µg/L	10.0	ND	107	54-156	8.49	45	
1,2-Dichloropropane	10	2.00	µg/L	10.0	ND	101	20-210	7.05	55	
cis-1,3-Dichloropropene	9.2	2.00	µg/L	10.0	ND	92.0	20-227	8.53	58	
trans-1,3-Dichloropropene	8.9	2.00	µg/L	10.0	ND	89.0	17-183	7.26	86	
Ethylbenzene	9.6	2.00	µg/L	10.0	ND	96.3	37-162	9.50	63	
Methyl tert-Butyl Ether (MTBE)	9.9	2.00	µg/L	10.0	ND	99.4	70-130	8.57	20	
Methylene Chloride	9.9	5.00	µg/L	10.0	ND	99.0	20-221	7.67	28	
1,1,2,2-Tetrachloroethane	9.8	2.00	µg/L	10.0	ND	97.8	46-157	6.81	61	
Tetrachloroethylene	11	2.00	µg/L	10.0	ND	112	64-148	6.07	39	
Toluene	10	1.00	µg/L	10.0	ND	102	47-150	7.58	41	
1,1,1-Trichloroethane	52	2.00	µg/L	10.0	43	92.9	52-162	0.289	36	
1,1,2-Trichloroethane	10	2.00	µg/L	10.0	ND	101	52-150	5.58	45	
Trichloroethylene	10	2.00	µg/L	10.0	ND	101	70-157	10.2	48	
Trichlorofluoromethane (Freon 11)	9.4	2.00	µg/L	10.0	ND	94.0	17-181	11.9	84	
Vinyl Chloride	8.5	2.00	µg/L	10.0	ND	85.4	20-251	11.2	66	
m+p Xylene	20	2.00	µg/L	20.0	ND	97.6	70-130	7.21	20	
o-Xylene	9.6	2.00	µg/L	10.0	ND	96.4	70-130	9.49	20	
Surrogate: 1,2-Dichloroethane-d4	*25.3*		µg/L	25.0		101	70-130			
Surrogate: Toluene-d8	*25.8*		µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	*25.6*		µg/L	25.0		103	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 is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
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
624.1 in Water	
Benzene	CT,NY,MA,NH,RI,NC,ME,VA
Bromodichloromethane	CT,NY,MA,NH,RI,NC,ME,VA
Bromoform	CT,NY,MA,NH,RI,NC,ME,VA
Bromomethane	CT,NY,MA,NH,RI,NC,ME,VA
Carbon Tetrachloride	CT,NY,MA,NH,RI,NC,ME,VA
Chlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
Chlorodibromomethane	CT,NY,MA,NH,RI,NC,ME,VA
Chloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Chloroform	CT,NY,MA,NH,RI,NC,ME,VA
Chloromethane	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,3-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,4-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1-Dichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1-Dichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
trans-1,2-Dichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichloropropane	CT,NY,MA,NH,RI,NC,ME,VA
cis-1,3-Dichloropropene	CT,NY,MA,NH,RI,NC,ME,VA
trans-1,3-Dichloropropene	CT,NY,MA,NH,RI,NC,ME,VA
Ethylbenzene	CT,NY,MA,NH,RI,NC,ME,VA
Methyl tert-Butyl Ether (MTBE)	NY,MA,NH,NC
Methylene Chloride	CT,NY,MA,NH,RI,NC,ME,VA
1,1,2,2-Tetrachloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Tetrachloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
Toluene	CT,NY,MA,NH,RI,NC,ME,VA
1,1,1-Trichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1,2-Trichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Trichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NY,MA,NH,RI,NC,ME,VA
Vinyl Chloride	CT,NY,MA,NH,RI,NC,ME,VA
m+p Xylene	CT,NY,MA,NH,RI,NC
o-Xylene	CT,NY,MA,NH,RI,NC

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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	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

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May 28, 2019

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: 19E1160

Enclosed are results of analyses for samples received by the laboratory on May 21, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kaitlyn A. Feliciano
Project Manager

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

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

REPORT DATE: 5/28/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19E1160

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 (MS/MSD) 52019	19E1160-01	Ground Water		624.1	
RW-2 52019	19E1160-02	Ground Water		624.1	
EFF 46 HZ 52019	19E1160-03	Ground Water		624.1	
Trip Blank	19E1160-04	Trip Blank Water		624.1	

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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.

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: South Otselic, NY | Sample Description: | Work Order: 19E1160

Date Received: 5/21/2019

Field Sample #: RW-1 (MS/MSD) 52019 | Sampled: 5/20/2019 08:30

Sample ID: 19E1160-01

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	<1.00	1.00	0.180	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
1,1-Dichloroethane	1.26	2.00	0.160	µg/L	1	J	624.1	5/22/19	5/23/19 5:19	LBD
1,1-Dichloroethylene	0.860	2.00	0.320	µg/L	1	J	624.1	5/22/19	5/23/19 5:19	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
1,1,1-Trichloroethane	35.4	2.00	0.200	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	5/22/19	5/23/19 5:19	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		5/23/19 5:19
Toluene-d8	105	70-130		5/23/19 5:19
4-Bromofluorobenzene	98.2	70-130		5/23/19 5:19

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Project Location: South Otselic, NY | Sample Description: | Work Order: 19E1160

Date Received: 5/21/2019

Field Sample #: RW-2 52019 | Sampled: 5/20/2019 08:40

Sample ID: 19E1160-02

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	<1.00	1.00	0.180	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
1,1-Dichloroethane	0.630	2.00	0.160	µg/L	1	J	624.1	5/22/19	5/23/19 5:50	LBD
1,1-Dichloroethylene	0.680	2.00	0.320	µg/L	1	J	624.1	5/22/19	5/23/19 5:50	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
1,1,1-Trichloroethane	29.2	2.00	0.200	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	5/22/19	5/23/19 5:50	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		5/23/19 5:50
Toluene-d8	105	70-130		5/23/19 5:50
4-Bromofluorobenzene	96.5	70-130		5/23/19 5:50

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: 19E1160

Date Received: 5/21/2019

Field Sample #: EFF 46 HZ 52019 | Sampled: 5/20/2019 08:50

Sample ID: 19E1160-03

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	<1.00	1.00	0.180	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
1,1-Dichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
1,1-Dichloroethylene	<2.00	2.00	0.320	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
1,1,1-Trichloroethane	<2.00	2.00	0.200	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	5/22/19	5/23/19 4:49	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	109	70-130		5/23/19 4:49
Toluene-d8	106	70-130		5/23/19 4:49
4-Bromofluorobenzene	97.3	70-130		5/23/19 4:49

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: 19E1160

Date Received: 5/21/2019

Field Sample #: Trip Blank | Sampled: 5/20/2019 00:00

Sample ID: 19E1160-04

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	<1.00	1.00	0.180	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
1,1-Dichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
1,1-Dichloroethylene	<2.00	2.00	0.320	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
1,1,1-Trichloroethane	<2.00	2.00	0.200	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	5/22/19	5/23/19 4:18	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		5/23/19 4:18
Toluene-d8	106	70-130		5/23/19 4:18
4-Bromofluorobenzene	95.2	70-130		5/23/19 4:18

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Sample Extraction Data

Prep Method: SW-846 5030B-624.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19E1160-01 [RW-1 (MS/MSD) 52019]	B231467	5	5.00	05/22/19
19E1160-02 [RW-2 52019]	B231467	5	5.00	05/22/19
19E1160-03 [EFF 46 HZ 52019]	B231467	5	5.00	05/22/19
19E1160-04 [Trip Blank]	B231467	5	5.00	05/22/19

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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 B231467 - SW-846 5030B										
Blank (B231467-BLK1)				Prepared: 05/22/19 Analyzed: 05/23/19						
Benzene	ND	1.00	µg/L							
Bromodichloromethane	ND	2.00	µg/L							
Bromoform	ND	2.00	µg/L							
Bromomethane	ND	2.00	µg/L							
Carbon Tetrachloride	ND	2.00	µg/L							
Chlorobenzene	ND	2.00	µg/L							
Chlorodibromomethane	ND	2.00	µg/L							
Chloroethane	ND	2.00	µg/L							
Chloroform	ND	2.00	µg/L							
Chloromethane	ND	2.00	µg/L							
1,2-Dichlorobenzene	ND	2.00	µg/L							
1,3-Dichlorobenzene	ND	2.00	µg/L							
1,4-Dichlorobenzene	ND	2.00	µg/L							
1,2-Dichloroethane	ND	2.00	µg/L							
1,1-Dichloroethane	ND	2.00	µg/L							
1,1-Dichloroethylene	ND	2.00	µg/L							
trans-1,2-Dichloroethylene	ND	2.00	µg/L							
1,2-Dichloropropane	ND	2.00	µg/L							
cis-1,3-Dichloropropene	ND	2.00	µg/L							
trans-1,3-Dichloropropene	ND	2.00	µg/L							
Ethylbenzene	ND	2.00	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.00	µg/L							
Methylene Chloride	ND	5.00	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.00	µg/L							
Tetrachloroethylene	ND	2.00	µg/L							
Toluene	ND	1.00	µg/L							
1,1,1-Trichloroethane	ND	2.00	µg/L							
1,1,2-Trichloroethane	ND	2.00	µg/L							
Trichloroethylene	ND	2.00	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.00	µg/L							
Vinyl Chloride	ND	2.00	µg/L							
m+p Xylene	ND	2.00	µg/L							
o-Xylene	ND	2.00	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*26.1*		µg/L	25.0		104	70-130			
Surrogate: Toluene-d8	*25.8*		µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	*24.0*		µg/L	25.0		95.8	70-130			
LCS (B231467-BS1)				Prepared: 05/22/19 Analyzed: 05/23/19						
Benzene	18	1.00	µg/L	20.0		90.0	65-135			
Bromodichloromethane	19	2.00	µg/L	20.0		94.4	65-135			
Bromoform	18	2.00	µg/L	20.0		91.4	70-130			
Bromomethane	16	2.00	µg/L	20.0		79.3	15-185			
Carbon Tetrachloride	19	2.00	µg/L	20.0		93.3	70-130			
Chlorobenzene	19	2.00	µg/L	20.0		93.2	65-135			
Chlorodibromomethane	19	2.00	µg/L	20.0		96.2	70-135			
Chloroethane	18	2.00	µg/L	20.0		88.2	40-160			
Chloroform	18	2.00	µg/L	20.0		89.8	70-135			
Chloromethane	12	2.00	µg/L	20.0		59.0	20-205			
1,2-Dichlorobenzene	18	2.00	µg/L	20.0		88.1	65-135			
1,3-Dichlorobenzene	18	2.00	µg/L	20.0		88.2	70-130			
1,4-Dichlorobenzene	18	2.00	µg/L	20.0		89.6	65-135			
1,2-Dichloroethane	21	2.00	µg/L	20.0		104	70-130			

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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 B231467 - SW-846 5030B										
LCS (B231467-BS1)				Prepared: 05/22/19 Analyzed: 05/23/19						
1,1-Dichloroethane	19	2.00	µg/L	20.0		93.1	70-130			
1,1-Dichloroethylene	19	2.00	µg/L	20.0		96.6	50-150			
trans-1,2-Dichloroethylene	19	2.00	µg/L	20.0		94.3	70-130			
1,2-Dichloropropane	19	2.00	µg/L	20.0		93.0	35-165			
cis-1,3-Dichloropropene	16	2.00	µg/L	20.0		81.7	25-175			
trans-1,3-Dichloropropene	16	2.00	µg/L	20.0		79.0	50-150			
Ethylbenzene	18	2.00	µg/L	20.0		89.4	60-140			
Methyl tert-Butyl Ether (MTBE)	18	2.00	µg/L	20.0		91.2	70-130			
Methylene Chloride	19	5.00	µg/L	20.0		94.0	60-140			
1,1,2,2-Tetrachloroethane	20	2.00	µg/L	20.0		99.8	60-140			
Tetrachloroethylene	20	2.00	µg/L	20.0		98.2	70-130			
Toluene	18	1.00	µg/L	20.0		91.8	70-130			
1,1,1-Trichloroethane	18	2.00	µg/L	20.0		89.2	70-130			
1,1,2-Trichloroethane	19	2.00	µg/L	20.0		96.7	70-130			
Trichloroethylene	19	2.00	µg/L	20.0		94.0	65-135			
Trichlorofluoromethane (Freon 11)	18	2.00	µg/L	20.0		88.8	50-150			
Vinyl Chloride	16	2.00	µg/L	20.0		80.4	5-195			
m+p Xylene	37	2.00	µg/L	40.0		92.9	70-130			
o-Xylene	19	2.00	µg/L	20.0		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	*25.0*		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100	70-130			
Matrix Spike (B231467-MS1)	**Source: 19E1160-01**			Prepared: 05/22/19 Analyzed: 05/23/19						
Benzene	8.8	1.00	µg/L	10.0	ND	88.4	37-151			
Bromodichloromethane	9.5	2.00	µg/L	10.0	ND	94.7	35-155			
Bromoform	7.8	2.00	µg/L	10.0	ND	77.6	45-169			
Bromomethane	7.7	2.00	µg/L	10.0	ND	77.2	20-242			
Carbon Tetrachloride	9.6	2.00	µg/L	10.0	ND	96.5	70-140			
Chlorobenzene	9.4	2.00	µg/L	10.0	ND	94.0	37-160			
Chlorodibromomethane	9.5	2.00	µg/L	10.0	ND	95.1	53-149			
Chloroethane	9.7	2.00	µg/L	10.0	ND	97.2	14-230			
Chloroform	9.3	2.00	µg/L	10.0	ND	93.0	51-138			
Chloromethane	6.5	2.00	µg/L	10.0	ND	64.7	20-273			
1,2-Dichlorobenzene	9.0	2.00	µg/L	10.0	ND	90.1	18-190			
1,3-Dichlorobenzene	8.8	2.00	µg/L	10.0	ND	88.3	59-156			
1,4-Dichlorobenzene	8.7	2.00	µg/L	10.0	ND	87.3	18-190			
1,2-Dichloroethane	10	2.00	µg/L	10.0	ND	99.8	49-155			
1,1-Dichloroethane	10	2.00	µg/L	10.0	1.3	92.4	59-155			
1,1-Dichloroethylene	11	2.00	µg/L	10.0	0.86	102	20-234			
trans-1,2-Dichloroethylene	10	2.00	µg/L	10.0	ND	100	54-156			
1,2-Dichloropropane	9.6	2.00	µg/L	10.0	ND	95.7	20-210			
cis-1,3-Dichloropropene	7.9	2.00	µg/L	10.0	ND	79.4	20-227			
trans-1,3-Dichloropropene	7.2	2.00	µg/L	10.0	ND	72.2	17-183			
Ethylbenzene	9.1	2.00	µg/L	10.0	ND	91.3	37-162			
Methyl tert-Butyl Ether (MTBE)	8.6	2.00	µg/L	10.0	ND	86.3	70-130			
Methylene Chloride	9.2	5.00	µg/L	10.0	ND	92.3	20-221			
1,1,2,2-Tetrachloroethane	9.4	2.00	µg/L	10.0	ND	93.5	46-157			
Tetrachloroethylene	10	2.00	µg/L	10.0	ND	104	64-148			
Toluene	9.4	1.00	µg/L	10.0	ND	93.7	47-150			
1,1,1-Trichloroethane	43	2.00	µg/L	10.0	35	80.5	52-162			
1,1,2-Trichloroethane	9.2	2.00	µg/L	10.0	ND	92.5	52-150			

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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 B231467 - SW-846 5030B										
Matrix Spike (B231467-MS1)	**Source: 19E1160-01**			Prepared: 05/22/19 Analyzed: 05/23/19						
Trichloroethylene	9.5	2.00	µg/L	10.0	ND	94.6	70-157			
Trichlorofluoromethane (Freon 11)	9.5	2.00	µg/L	10.0	ND	95.4	17-181			
Vinyl Chloride	8.6	2.00	µg/L	10.0	ND	86.5	20-251			
m+p Xylene	18	2.00	µg/L	20.0	ND	92.4	70-130			
o-Xylene	9.1	2.00	µg/L	10.0	ND	90.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.9*		µg/L	25.0		99.7	70-130			
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.1	70-130			
Matrix Spike Dup (B231467-MSD1)	**Source: 19E1160-01**			Prepared: 05/22/19 Analyzed: 05/23/19						
Benzene	9.0	1.00	µg/L	10.0	ND	90.3	37-151	2.13	61	
Bromodichloromethane	9.5	2.00	µg/L	10.0	ND	94.9	35-155	0.211	56	
Bromoform	8.1	2.00	µg/L	10.0	ND	81.3	45-169	4.66	42	
Bromomethane	8.1	2.00	µg/L	10.0	ND	80.7	20-242	4.43	61	
Carbon Tetrachloride	9.9	2.00	µg/L	10.0	ND	98.8	70-140	2.36	41	
Chlorobenzene	9.4	2.00	µg/L	10.0	ND	94.5	37-160	0.531	53	
Chlorodibromomethane	9.3	2.00	µg/L	10.0	ND	92.8	53-149	2.45	50	
Chloroethane	9.8	2.00	µg/L	10.0	ND	97.6	14-230	0.411	78	
Chloroform	9.5	2.00	µg/L	10.0	ND	94.8	51-138	1.92	54	
Chloromethane	6.6	2.00	µg/L	10.0	ND	65.6	20-273	1.38	60	
1,2-Dichlorobenzene	9.0	2.00	µg/L	10.0	ND	89.5	18-190	0.668	57	
1,3-Dichlorobenzene	9.0	2.00	µg/L	10.0	ND	90.0	59-156	1.91	43	
1,4-Dichlorobenzene	8.9	2.00	µg/L	10.0	ND	89.0	18-190	1.93	57	
1,2-Dichloroethane	10	2.00	µg/L	10.0	ND	101	49-155	1.59	49	
1,1-Dichloroethane	11	2.00	µg/L	10.0	1.3	95.7	59-155	3.09	40	
1,1-Dichloroethylene	11	2.00	µg/L	10.0	0.86	104	20-234	1.43	32	
trans-1,2-Dichloroethylene	10	2.00	µg/L	10.0	ND	102	54-156	1.49	45	
1,2-Dichloropropane	9.5	2.00	µg/L	10.0	ND	94.6	20-210	1.16	55	
cis-1,3-Dichloropropene	7.8	2.00	µg/L	10.0	ND	77.5	20-227	2.42	58	
trans-1,3-Dichloropropene	7.3	2.00	µg/L	10.0	ND	73.2	17-183	1.38	86	
Ethylbenzene	9.2	2.00	µg/L	10.0	ND	92.5	37-162	1.31	63	
Methyl tert-Butyl Ether (MTBE)	8.8	2.00	µg/L	10.0	ND	88.3	70-130	2.29	20	
Methylene Chloride	9.5	5.00	µg/L	10.0	ND	94.7	20-221	2.57	28	
1,1,2,2-Tetrachloroethane	9.5	2.00	µg/L	10.0	ND	94.8	46-157	1.38	61	
Tetrachloroethylene	10	2.00	µg/L	10.0	ND	104	64-148	0.0957	39	
Toluene	9.5	1.00	µg/L	10.0	ND	94.8	47-150	1.17	41	
1,1,1-Trichloroethane	44	2.00	µg/L	10.0	35	81.2	52-162	0.161	36	
1,1,2-Trichloroethane	9.1	2.00	µg/L	10.0	ND	91.2	52-150	1.42	45	
Trichloroethylene	9.5	2.00	µg/L	10.0	ND	95.4	70-157	0.842	48	
Trichlorofluoromethane (Freon 11)	9.5	2.00	µg/L	10.0	ND	95.0	17-181	0.420	84	
Vinyl Chloride	8.7	2.00	µg/L	10.0	ND	87.4	20-251	1.04	66	
m+p Xylene	19	2.00	µg/L	20.0	ND	92.8	70-130	0.540	20	
o-Xylene	9.2	2.00	µg/L	10.0	ND	92.2	70-130	1.64	20	
Surrogate: 1,2-Dichloroethane-d4	*25.4*		µg/L	25.0		102	70-130			
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101	70-130			

con-test® ANALYTICAL LABORATORY

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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 is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
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
624.1 in Water	
Benzene	CT,NY,MA,NH,RI,NC,ME,VA
Bromodichloromethane	CT,NY,MA,NH,RI,NC,ME,VA
Bromoform	CT,NY,MA,NH,RI,NC,ME,VA
Bromomethane	CT,NY,MA,NH,RI,NC,ME,VA
Carbon Tetrachloride	CT,NY,MA,NH,RI,NC,ME,VA
Chlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
Chlorodibromomethane	CT,NY,MA,NH,RI,NC,ME,VA
Chloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Chloroform	CT,NY,MA,NH,RI,NC,ME,VA
Chloromethane	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,3-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,4-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1-Dichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1-Dichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
trans-1,2-Dichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichloropropane	CT,NY,MA,NH,RI,NC,ME,VA
cis-1,3-Dichloropropene	CT,NY,MA,NH,RI,NC,ME,VA
trans-1,3-Dichloropropene	CT,NY,MA,NH,RI,NC,ME,VA
Ethylbenzene	CT,NY,MA,NH,RI,NC,ME,VA
Methyl tert-Butyl Ether (MTBE)	NY,MA,NH,NC
Methylene Chloride	CT,NY,MA,NH,RI,NC,ME,VA
1,1,2,2-Tetrachloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Tetrachloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
Toluene	CT,NY,MA,NH,RI,NC,ME,VA
1,1,1-Trichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1,2-Trichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Trichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NY,MA,NH,RI,NC,ME,VA
Vinyl Chloride	CT,NY,MA,NH,RI,NC,ME,VA
m+p Xylene	CT,NY,MA,NH,RI,NC
o-Xylene	CT,NY,MA,NH,RI,NC

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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	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

con-test ANALYTICAL LABORATORY

19E1160

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

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD (New York)

Doc # 380 Rev 1 03242017

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of ____

Company Name:	Arcadis
Address:	855 Route 146, STE 210, Clifton Park N.Y.
Phone:	(518)-250-7300 / 607-206-6262
Project Name:	Gladding Cordage
Project Location:	South Otselic
Project Number:	00266406.0000
Project Manager:	J. ~~Tobe~~ Wyckoff
Con-Test Quote Name/Number:	
Invoice Recipient:	J. Wyckoff
Sampled By:	L. Whalen

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

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	ANALYSIS REQUESTED 624	# of Containers	[2] Preservation Code	[3] Container Code
1	RW-1 (MS/MSD) 52019	0830	5/20/19					X			
2	RW-2 52019	0840						X			
3	EFF 46 Hz 52019	0850						X			
4	Trip Blank	-						X			

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)	Lance D. Whalen	Date/Time: 5/21/19 / 1230
Received by: (signature)		Date/Time: 5/21/19 902
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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806832457876

Delivered
Tuesday 5/21/2019 at 9:02 am

DELIVERED

Signed for by: J.PETRAKIS

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM	TO
Syracuse, NY US Origin Terminal **SYRACUSE, NY**	E Longmeadow, MA US Destination Location **WINDSOR LOCKS, CT**

Shipment Facts

TRACKING NUMBER
806832457876

SERVICE
FedEx Priority Overnight

WEIGHT
14 lbs / 6.35 kgs

DIMENSIONS
14x14x11 in.

DELIVERED TO
Shipping/Receiving

TOTAL PIECES
1

TOTAL SHIPMENT WEIGHT
14 lbs / 6.35 kgs

TERMS
Third Party

PACKAGING
Your Packaging

SPECIAL HANDLING SECTION
Deliver Weekday, Additional Handling Surcharge, No Signature Required

STANDARD TRANSIT
5/21/2019 by 10:30 am

SHIP DATE
Mon 5/20/2019

ACTUAL DELIVERY
Tue 5/21/2019 9:02 am

Travel History

Local Scan Time

Tuesday , 5/21/2019

9:02 am	E Longmeadow, MA	Delivered
8:21 am	WINDSOR LOCKS, CT	On FedEx vehicle for delivery
7:17 am	WINDSOR LOCKS, CT	At local FedEx facility

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

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 RAP Date 5/21/19 Time 902

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 # 5 Actual Temp - 4.1 By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NT

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? T

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? NA Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	17	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		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

June 25, 2019

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: 19F1245

Enclosed are results of analyses for samples received by the laboratory on June 22, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kaitlyn A. Feliciano
Project Manager

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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: 6/25/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19F1245

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 (MS/MSD)	19F1245-01	Ground Water		624.1	
RW-2	19F1245-02	Ground Water		624.1	
EFF 46 HZ	19F1245-03	Ground Water		624.1	
Trip Blank	19F1245-04	Trip Blank Water		624.1	

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
Technical Representative

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: 19F1245

Date Received: 6/22/2019

Field Sample #: RW-1 (MS/MSD) | Sampled: 6/21/2019 07:10

Sample ID: 19F1245-01

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	<1.00	1.00	0.180	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
1,1-Dichloroethane	1.30	2.00	0.160	µg/L	1	J	624.1	6/24/19	6/24/19 15:37	LBD
1,1-Dichloroethylene	0.860	2.00	0.320	µg/L	1	J	624.1	6/24/19	6/24/19 15:37	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
1,1,1-Trichloroethane	35.3	2.00	0.200	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	6/24/19	6/24/19 15:37	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.4	70-130		6/24/19 15:37
Toluene-d8	110	70-130		6/24/19 15:37
4-Bromofluorobenzene	93.0	70-130		6/24/19 15:37

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: 19F1245

Date Received: 6/22/2019

Field Sample #: RW-2 | Sampled: 6/21/2019 07:20

Sample ID: 19F1245-02

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	<1.00	1.00	0.180	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
1,1-Dichloroethane	0.700	2.00	0.160	µg/L	1	J	624.1	6/24/19	6/24/19 16:08	LBD
1,1-Dichloroethylene	0.660	2.00	0.320	µg/L	1	J	624.1	6/24/19	6/24/19 16:08	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
1,1,1-Trichloroethane	29.5	2.00	0.200	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	6/24/19	6/24/19 16:08	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.1	70-130		6/24/19 16:08
Toluene-d8	112	70-130		6/24/19 16:08
4-Bromofluorobenzene	91.0	70-130		6/24/19 16:08

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: 19F1245

Date Received: 6/22/2019

Field Sample #: EFF 46 HZ | Sampled: 6/21/2019 07:25

Sample ID: 19F1245-03

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	<1.00	1.00	0.180	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
1,1-Dichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
1,1-Dichloroethylene	<2.00	2.00	0.320	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
1,1,1-Trichloroethane	<2.00	2.00	0.200	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	6/24/19	6/24/19 13:34	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.4	70-130		6/24/19 13:34
Toluene-d8	111	70-130		6/24/19 13:34
4-Bromofluorobenzene	92.4	70-130		6/24/19 13:34

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: 19F1245

Date Received: 6/22/2019

Field Sample #: Trip Blank | Sampled: 6/21/2019 00:00

Sample ID: 19F1245-04

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	<1.00	1.00	0.180	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
1,1-Dichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
1,1-Dichloroethylene	<2.00	2.00	0.320	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
1,1,1-Trichloroethane	<2.00	2.00	0.200	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	6/24/19	6/24/19 13:03	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.2	70-130		6/24/19 13:03
Toluene-d8	108	70-130		6/24/19 13:03
4-Bromofluorobenzene	92.6	70-130		6/24/19 13:03

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Sample Extraction Data

Prep Method: SW-846 5030B-624.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19F1245-01 [RW-1 (MS/MSD)]	B234015	5	5.00	06/24/19
19F1245-02 [RW-2]	B234015	5	5.00	06/24/19
19F1245-03 [EFF 46 HZ]	B234015	5	5.00	06/24/19
19F1245-04 [Trip Blank]	B234015	5	5.00	06/24/19

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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 B234015 - SW-846 5030B										
Blank (B234015-BLK1)				Prepared & Analyzed: 06/24/19						
Benzene	ND	1.00	µg/L							
Bromodichloromethane	ND	2.00	µg/L							
Bromoform	ND	2.00	µg/L							
Bromomethane	ND	2.00	µg/L							
Carbon Tetrachloride	ND	2.00	µg/L							
Chlorobenzene	ND	2.00	µg/L							
Chlorodibromomethane	ND	2.00	µg/L							
Chloroethane	ND	2.00	µg/L							
Chloroform	ND	2.00	µg/L							
Chloromethane	ND	2.00	µg/L							
1,2-Dichlorobenzene	ND	2.00	µg/L							
1,3-Dichlorobenzene	ND	2.00	µg/L							
1,4-Dichlorobenzene	ND	2.00	µg/L							
1,2-Dichloroethane	ND	2.00	µg/L							
1,1-Dichloroethane	ND	2.00	µg/L							
1,1-Dichloroethylene	ND	2.00	µg/L							
trans-1,2-Dichloroethylene	ND	2.00	µg/L							
1,2-Dichloropropane	ND	2.00	µg/L							
cis-1,3-Dichloropropene	ND	2.00	µg/L							
trans-1,3-Dichloropropene	ND	2.00	µg/L							
Ethylbenzene	ND	2.00	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.00	µg/L							
Methylene Chloride	ND	5.00	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.00	µg/L							
Tetrachloroethylene	ND	2.00	µg/L							
Toluene	ND	1.00	µg/L							
1,1,1-Trichloroethane	ND	2.00	µg/L							
1,1,2-Trichloroethane	ND	2.00	µg/L							
Trichloroethylene	ND	2.00	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.00	µg/L							
Vinyl Chloride	ND	2.00	µg/L							
m+p Xylene	ND	2.00	µg/L							
o-Xylene	ND	2.00	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.0		95.8	70-130			
Surrogate: Toluene-d8	*26.9*		µg/L	25.0		108	70-130			
Surrogate: 4-Bromofluorobenzene	*23.5*		µg/L	25.0		93.9	70-130			
LCS (B234015-BS1)				Prepared & Analyzed: 06/24/19						
Benzene	20	1.00	µg/L	20.0		97.6	65-135			
Bromodichloromethane	20	2.00	µg/L	20.0		101	65-135			
Bromoform	22	2.00	µg/L	20.0		110	70-130			
Bromomethane	12	2.00	µg/L	20.0		62.4	15-185			
Carbon Tetrachloride	19	2.00	µg/L	20.0		94.5	70-130			
Chlorobenzene	21	2.00	µg/L	20.0		103	65-135			
Chlorodibromomethane	23	2.00	µg/L	20.0		115	70-135			
Chloroethane	21	2.00	µg/L	20.0		103	40-160			
Chloroform	18	2.00	µg/L	20.0		90.6	70-135			
Chloromethane	15	2.00	µg/L	20.0		73.7	20-205			
1,2-Dichlorobenzene	20	2.00	µg/L	20.0		98.5	65-135			
1,3-Dichlorobenzene	19	2.00	µg/L	20.0		97.2	70-130			
1,4-Dichlorobenzene	19	2.00	µg/L	20.0		95.2	65-135			
1,2-Dichloroethane	21	2.00	µg/L	20.0		104	70-130			

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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 B234015 - SW-846 5030B										
LCS (B234015-BS1)				Prepared & Analyzed: 06/24/19						
1,1-Dichloroethane	19	2.00	µg/L	20.0		96.6	70-130			
1,1-Dichloroethylene	20	2.00	µg/L	20.0		98.0	50-150			
trans-1,2-Dichloroethylene	20	2.00	µg/L	20.0		100	70-130			
1,2-Dichloropropane	21	2.00	µg/L	20.0		106	35-165			
cis-1,3-Dichloropropene	20	2.00	µg/L	20.0		98.0	25-175			
trans-1,3-Dichloropropene	19	2.00	µg/L	20.0		95.4	50-150			
Ethylbenzene	20	2.00	µg/L	20.0		98.1	60-140			
Methyl tert-Butyl Ether (MTBE)	18	2.00	µg/L	20.0		92.2	70-130			
Methylene Chloride	20	5.00	µg/L	20.0		102	60-140			
1,1,2,2-Tetrachloroethane	22	2.00	µg/L	20.0		112	60-140			
Tetrachloroethylene	23	2.00	µg/L	20.0		114	70-130			
Toluene	20	1.00	µg/L	20.0		98.6	70-130			
1,1,1-Trichloroethane	19	2.00	µg/L	20.0		93.0	70-130			
1,1,2-Trichloroethane	22	2.00	µg/L	20.0		109	70-130			
Trichloroethylene	20	2.00	µg/L	20.0		97.6	65-135			
Trichlorofluoromethane (Freon 11)	17	2.00	µg/L	20.0		82.6	50-150			
Vinyl Chloride	18	2.00	µg/L	20.0		88.2	5-195			
m+p Xylene	40	2.00	µg/L	40.0		99.4	70-130			
o-Xylene	20	2.00	µg/L	20.0		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	*22.4*		µg/L	25.0		89.6	70-130			
Surrogate: Toluene-d8	*26.2*		µg/L	25.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101	70-130			
Matrix Spike (B234015-MS1)	**Source: 19F1245-01**			Prepared & Analyzed: 06/24/19						
Benzene	9.6	1.00	µg/L	10.0	ND	96.3	37-151			
Bromodichloromethane	10	2.00	µg/L	10.0	ND	104	35-155			
Bromoform	9.9	2.00	µg/L	10.0	ND	99.3	45-169			
Bromomethane	6.1	2.00	µg/L	10.0	ND	60.6	20-242			
Carbon Tetrachloride	9.6	2.00	µg/L	10.0	ND	96.0	70-140			
Chlorobenzene	10	2.00	µg/L	10.0	ND	100	37-160			
Chlorodibromomethane	11	2.00	µg/L	10.0	ND	112	53-149			
Chloroethane	11	2.00	µg/L	10.0	ND	106	14-230			
Chloroform	9.3	2.00	µg/L	10.0	ND	92.8	51-138			
Chloromethane	8.0	2.00	µg/L	10.0	ND	80.1	20-273			
1,2-Dichlorobenzene	9.4	2.00	µg/L	10.0	ND	93.6	18-190			
1,3-Dichlorobenzene	9.2	2.00	µg/L	10.0	ND	92.0	59-156			
1,4-Dichlorobenzene	9.1	2.00	µg/L	10.0	ND	91.3	18-190			
1,2-Dichloroethane	10	2.00	µg/L	10.0	ND	103	49-155			
1,1-Dichloroethane	11	2.00	µg/L	10.0	1.3	96.9	59-155			
1,1-Dichloroethylene	11	2.00	µg/L	10.0	0.86	104	20-234			
trans-1,2-Dichloroethylene	10	2.00	µg/L	10.0	ND	103	54-156			
1,2-Dichloropropane	11	2.00	µg/L	10.0	ND	105	20-210			
cis-1,3-Dichloropropene	9.0	2.00	µg/L	10.0	ND	90.3	20-227			
trans-1,3-Dichloropropene	8.7	2.00	µg/L	10.0	ND	87.2	17-183			
Ethylbenzene	9.5	2.00	µg/L	10.0	ND	95.0	37-162			
Methyl tert-Butyl Ether (MTBE)	8.5	2.00	µg/L	10.0	ND	84.8	70-130			
Methylene Chloride	10	5.00	µg/L	10.0	ND	100	20-221			
1,1,2,2-Tetrachloroethane	11	2.00	µg/L	10.0	ND	106	46-157			
Tetrachloroethylene	11	2.00	µg/L	10.0	ND	115	64-148			
Toluene	9.9	1.00	µg/L	10.0	ND	99.3	47-150			
1,1,1-Trichloroethane	44	2.00	µg/L	10.0	35	86.1	52-162			
1,1,2-Trichloroethane	10	2.00	µg/L	10.0	ND	105	52-150			

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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 B234015 - SW-846 5030B										
Matrix Spike (B234015-MS1)		**Source: 19F1245-01**		Prepared & Analyzed: 06/24/19						
Trichloroethylene	10	2.00	µg/L	10.0	ND	99.5	70-157			
Trichlorofluoromethane (Freon 11)	8.8	2.00	µg/L	10.0	ND	87.6	17-181			
Vinyl Chloride	9.4	2.00	µg/L	10.0	ND	93.6	20-251			
m+p Xylene	19	2.00	µg/L	20.0	ND	94.6	70-130			
o-Xylene	9.1	2.00	µg/L	10.0	ND	91.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/L	25.0		92.6	70-130			
Surrogate: Toluene-d8	*27.1*		µg/L	25.0		108	70-130			
Surrogate: 4-Bromofluorobenzene	*25.6*		µg/L	25.0		102	70-130			
Matrix Spike Dup (B234015-MSD1)		**Source: 19F1245-01**		Prepared & Analyzed: 06/24/19						
Benzene	9.8	1.00	µg/L	10.0	ND	98.1	37-151	1.85	61	
Bromodichloromethane	10	2.00	µg/L	10.0	ND	104	35-155	0.0961	56	
Bromoform	10	2.00	µg/L	10.0	ND	103	45-169	3.27	42	
Bromomethane	6.8	2.00	µg/L	10.0	ND	67.8	20-242	11.2	61	
Carbon Tetrachloride	10	2.00	µg/L	10.0	ND	103	70-140	6.65	41	
Chlorobenzene	10	2.00	µg/L	10.0	ND	104	37-160	3.43	53	
Chlorodibromomethane	11	2.00	µg/L	10.0	ND	112	53-149	0.268	50	
Chloroethane	11	2.00	µg/L	10.0	ND	109	14-230	2.42	78	
Chloroform	9.5	2.00	µg/L	10.0	ND	94.8	51-138	2.13	54	
Chloromethane	8.0	2.00	µg/L	10.0	ND	79.8	20-273	0.375	60	
1,2-Dichlorobenzene	9.7	2.00	µg/L	10.0	ND	96.8	18-190	3.36	57	
1,3-Dichlorobenzene	9.7	2.00	µg/L	10.0	ND	97.2	59-156	5.50	43	
1,4-Dichlorobenzene	9.3	2.00	µg/L	10.0	ND	93.2	18-190	2.06	57	
1,2-Dichloroethane	11	2.00	µg/L	10.0	ND	106	49-155	2.79	49	
1,1-Dichloroethane	11	2.00	µg/L	10.0	1.3	98.1	59-155	1.09	40	
1,1-Dichloroethylene	11	2.00	µg/L	10.0	0.86	105	20-234	0.976	32	
trans-1,2-Dichloroethylene	10	2.00	µg/L	10.0	ND	103	54-156	0.291	45	
1,2-Dichloropropane	11	2.00	µg/L	10.0	ND	106	20-210	0.190	55	
cis-1,3-Dichloropropene	9.3	2.00	µg/L	10.0	ND	92.6	20-227	2.52	58	
trans-1,3-Dichloropropene	9.0	2.00	µg/L	10.0	ND	90.2	17-183	3.38	86	
Ethylbenzene	9.7	2.00	µg/L	10.0	ND	96.9	37-162	1.98	63	
Methyl tert-Butyl Ether (MTBE)	8.7	2.00	µg/L	10.0	ND	87.4	70-130	3.02	20	
Methylene Chloride	10	5.00	µg/L	10.0	ND	103	20-221	2.95	28	
1,1,2,2-Tetrachloroethane	11	2.00	µg/L	10.0	ND	111	46-157	4.81	61	
Tetrachloroethylene	12	2.00	µg/L	10.0	ND	118	64-148	2.67	39	
Toluene	10	1.00	µg/L	10.0	ND	103	47-150	3.37	41	
1,1,1-Trichloroethane	44	2.00	µg/L	10.0	35	87.3	52-162	0.273	36	
1,1,2-Trichloroethane	11	2.00	µg/L	10.0	ND	107	52-150	2.27	45	
Trichloroethylene	10	2.00	µg/L	10.0	ND	99.8	70-157	0.301	48	
Trichlorofluoromethane (Freon 11)	9.1	2.00	µg/L	10.0	ND	90.7	17-181	3.48	84	
Vinyl Chloride	9.7	2.00	µg/L	10.0	ND	97.0	20-251	3.57	66	
m+p Xylene	19	2.00	µg/L	20.0	ND	96.5	70-130	1.94	20	
o-Xylene	9.2	2.00	µg/L	10.0	ND	92.1	70-130	0.872	20	
Surrogate: 1,2-Dichloroethane-d4	*22.6*		µg/L	25.0		90.3	70-130			
Surrogate: Toluene-d8	*27.1*		µg/L	25.0		108	70-130			
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101	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 is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
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
624.1 in Water	
Benzene	CT,NY,MA,NH,RI,NC,ME,VA
Bromodichloromethane	CT,NY,MA,NH,RI,NC,ME,VA
Bromoform	CT,NY,MA,NH,RI,NC,ME,VA
Bromomethane	CT,NY,MA,NH,RI,NC,ME,VA
Carbon Tetrachloride	CT,NY,MA,NH,RI,NC,ME,VA
Chlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
Chlorodibromomethane	CT,NY,MA,NH,RI,NC,ME,VA
Chloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Chloroform	CT,NY,MA,NH,RI,NC,ME,VA
Chloromethane	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,3-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,4-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1-Dichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1-Dichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
trans-1,2-Dichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichloropropane	CT,NY,MA,NH,RI,NC,ME,VA
cis-1,3-Dichloropropene	CT,NY,MA,NH,RI,NC,ME,VA
trans-1,3-Dichloropropene	CT,NY,MA,NH,RI,NC,ME,VA
Ethylbenzene	CT,NY,MA,NH,RI,NC,ME,VA
Methyl tert-Butyl Ether (MTBE)	NY,MA,NH,NC
Methylene Chloride	CT,NY,MA,NH,RI,NC,ME,VA
1,1,2,2-Tetrachloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Tetrachloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
Toluene	CT,NY,MA,NH,RI,NC,ME,VA
1,1,1-Trichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1,2-Trichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Trichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NY,MA,NH,RI,NC,ME,VA
Vinyl Chloride	CT,NY,MA,NH,RI,NC,ME,VA
m+p Xylene	CT,NY,MA,NH,RI,NC
o-Xylene	CT,NY,MA,NH,RI,NC

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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	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2020
RI	Rhode Island Department of Health	LAO00112	12/30/2019
NC	North Carolina Div. of Water Quality	652	12/31/2019
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2020
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2019
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2019

1a F1245

con-test ANALYTICAL LABORATORY

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, STE 210, Clifton Park, NY
Phone: 518-250-7300 / 607-206-6262
Project Name: Gladding Cordage
Project Location: South Otselic
Project Number: 00266406.0000
Project Manager: J. Wyckoff
Con-Test Quote Name/Number:
Invoice Recipient: J. Wyckoff
Sampled By: L. Whalen

Required Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: STD

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 #:

ANALYSIS REQUESTED

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 (MS/MSD)	0710	6/21/19		X	GW		X	17	H	V
2	RW-2	0720	6/21/19		X	"		X			
3	EFF 46 HZ	0725	6/21/19		X	"		X			
1	Trip Blank	-	-		-	-		X			

Preservative Metals Samples
☐ Field Filtered
☐ Lab to Filter

Perchlorate/Phosphate 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:
Lance D. Whalen	6/21/19 / 1130
Received by: (signature)	Date/Time:
2.0	6/22/19 11:14
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

Table of Contents

806832458173

Delivered
Saturday 6/22/2019 at 11:14 am

DELIVERED

Signed for by: M.PROSPET

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM

Syracuse, NY US
Origin Terminal
SYRACUSE, NY

TO

EAST LONGMEADOW, MA US
Destination Location
WINDSOR LOCKS, CT

Shipment Facts

TRACKING NUMBER
806832458173

SERVICE
FedEx Priority Overnight

WEIGHT
14 lbs / 6.35 kgs

DIMENSIONS
14x12x11 in.

DELIVERED TO
Shipping/Receiving

TOTAL PIECES
1

TOTAL SHIPMENT WEIGHT
14 lbs / 6.35 kgs

TERMS
Third Party

PACKAGING
Your Packaging

SPECIAL HANDLING SECTION
Saturday Delivery, Additional Handling Surcharge

STANDARD TRANSIT
6/22/2019 by 12:00 pm

SHIP DATE
Fri 6/21/2019

ACTUAL DELIVERY
Sat 6/22/2019 11:14 am

Travel History

Local Scan Time

Saturday , 6/22/2019

11:14 am	EAST LONGMEADOW, MA	Delivered
8:33 am	WINDSOR LOCKS, CT	On FedEx vehicle for delivery
7:53 am	WINDSOR LOCKS, CT	At local FedEx facility

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

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 RAP Date 6/22/19 Time 11:04

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 # _____ Actual Temp - 2.0 RAP

By Blank # * Actual Temp - 2.0

Was Custody Seal Intact? NA Were Samples Tampered with? NA

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? T

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? NA Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	17	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		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:

* No number written on temp blank.

Arcadis U.S., Inc.

855 Route 146

Suite 210

Clifton Park, New York 12065

Tel 518 250 7300

Fax 518 371 2757

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