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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

Fourth Quarter 2019

January 2020

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Fourth Quarter 2019

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ACRONYMS AND ABBREVIATIONS

Amsl	above mean sea level
BTEX	Benzene, toluene, ethylbenzene, and xylene
DUSR	Data Usability Summary Report
Ft	feet
GPM	gallons per minute
GAP	generally accepted procedure
HZ	hertz
ng/L	nanograms per liter
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	TetrachloroetheneUSEPA 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 fourth 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 October, November, and December due to power interruptions, resulting in system runtimes of 94 percent in October, 52 percent in November, and 97 percent in December. After each power failure, the system was restarted remotely and manually.

The average monthly flow rates and total flow volumes for the fourth 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 16.4 gallons per minute (GPM). The average flow from RW-2 was 22.4 GPM. Based on the total flow values, approximately 4.6 million gallons of water were treated and discharged to the Otselic River between October and December 2019.

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 monthly 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 34.4 micrograms per liter (ug/L) in October 2019, 33.6 ug/L in November 2019, and 40.7 (µg/L) in December 2019. The concentrations of 1,1,1-TCA for recovery well RW-2 were measured at 26.9 ug/L in October 2019, 25.8 ug/L in November 2019, and 32.6 µg/L in December 2019 which is consistent with the historic fourth quarter 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) and 1,1-dichloroethene (1,1-DCE) were detected in the fourth 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 in October, November, and December 2019.

Based on influent sample concentrations and total flow volumes from the Gladding Cordage treatment system, approximately 1.3 pounds of VOCs were removed by the treatment system during the fourth 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 intermittently shut down in October, November and December due to power interruptions. The average total flow through the treatment system during the fourth 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 1.3 pounds of VOCs were removed by the treatment system during the fourth 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

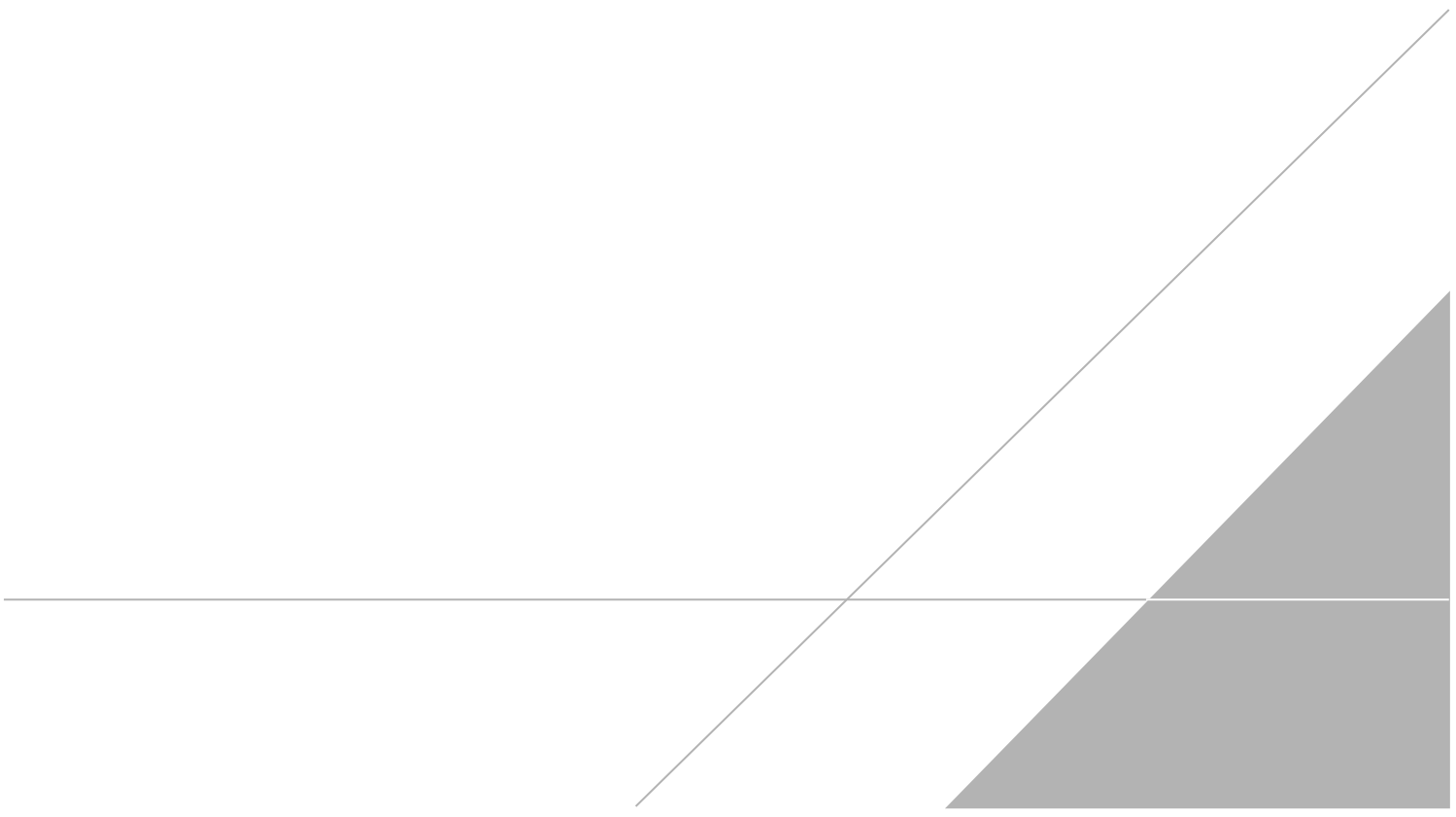


TABLE 3-1
TREATMENT SYSTEM STATUS AND FLOW SUMMARY
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE NO. 7-04-009A

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	64,635,136	66,057,723	117,709	737,808	855,517	
February-19	20	71%	100%	100%	0 *	22.7	64,924,058	66,815,952	288,922	758,229	1,047,151	3,639,634
March-19	29	94%	100%	100%	17.1	22.2	65,687,411	67,789,565	763,353	973,613	1,736,966	
April-19	19	61%	100%	100%	17.2	21.8	66,104,842	68,305,647	417,431	516,082	933,513	
May-19	31	100%	100%	100%	17.2	21.5	66,882,614	69,275,331	777,772	969,684	1,747,456	4,057,080
June-19	24	77%	100%	100%	17.0	21.5	67,496,022	70,038,034	613,408	762,703	1,376,111	
July-19	30	97%	100%	100%	16.9	21.8	68,239,052	70,976,048	743,030	938,014	1,681,044	
August-19	30	97%	100%	100%	16.8	21.7	68,971,487	71,919,204	732,435	943,156	1,675,591	4,912,641
September-19	27	87%	100%	100%	17.1	23.5	69,636,342	72,810,355	664,855	891,151	1,556,006	
October-19	29	94%	100%	100%	16.8	22.2	70,381,253	73,808,871	744,911	998,516	1,743,427	
November-19	16	52%	100%	100%	16.0	22.4	70,885,743	74,493,869	504,490	684,998	1,189,488	4,585,676
December-19	30	97%	100%	100%	16.4	22.5	71,580,987	75,451,386	695,244	957,517	1,652,761	
Total Flow 2019									7,063,560	10,131,471	17,195,031	

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 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 6/22/2019 WATER ug/L	RW-1 7/26/2019 WATER ug/L	RW-1 8/15/2019 WATER ug/L	RW-1 9/26/2019 WATER ug/L	RW-1 10/25/2019 WATER ug/L	RW-1 11/22/2019 WATER ug/L	RW-1 12/12/2019 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	**36.1**	**39.4**	**32.3**	**42.6**	**35.4**	**35.3**	**34.4**	**42.8**	**40.9**	**34.4**	**33.6**	**40.7**
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	1.37 J	1.4 J	1.02 J	1.58 J	1.26 J	1.3 J	1.34 J	1.36 J	1.78 J	1.48 J	1.55	1.65 J
1,1-Dichloroethene	5	3.39 J	0.79 J	0.70 J	1.08 J	0.86 J	0.86 J	0.77 J	0.73 J	1.08 J	0.82 J	0.89	0.85 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	3.0 U	3.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
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	0.13 J
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	0.63 J
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.21 J
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	3.0 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	0.37 J
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		42.9	43.6	34.0	45.3	37.5	37.5	36.5	44.9	43.8	36.7	36.0	43.2

- Concentration exceeds corresponding Class GA Standard.

ug/L - micrograms per liter
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 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	RW-2 7/26/2019 WATER ug/L	RW-2 8/15/2019 WATER ug/L	RW-2 9/26/2019 WATER ug/L	RW-2 10/25/2019 WATER ug/L	RW-2 11/22/2019 WATER ug/L	RW-2 12/12/2019 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	**27.8**	**40.2**	**28**	**43.2**	**29.2**	**29.5**	**27.9**	**34.2**	**38.4**	**26.9**	**25.8**	**32.6**
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	0.67 J	0.9 J	0.54 J	1 J	0.63 J	0.7 J	2 U	0.67 J	1.05 J	0.73 J	0.73 J	0.79 J
1,1-Dichloroethene	5	4.1	0.78 J	0.61 J	1.05 J	0.68 J	0.66 J	0.67 J	0.57 J	0.95 J	0.73 J	0.69 J	0.68 J
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		32.6	41.9	29.2	45.3	30.5	30.9	30.6	35.4	40.4	28.4	27.2	34.1

- Concentration exceeds corresponding NYSDEC Class GA Standard.

ug/L - micrograms per liter
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

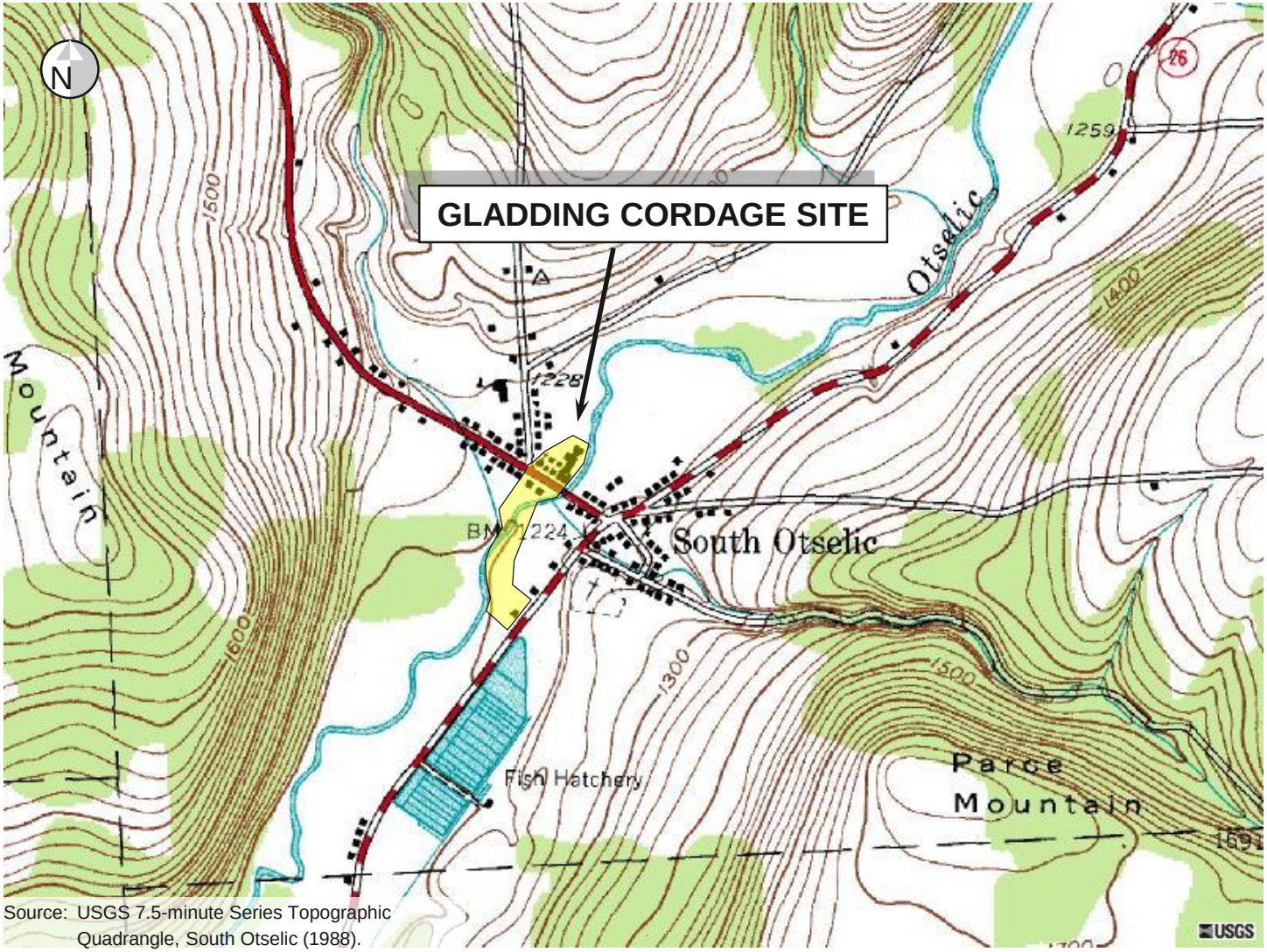
Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(46HZ) 1/21/2019 WATER ug/L	EFF(46HZ) 2/14/2019 WATER ug/L	EFF(46HZ) 3/26/2019 WATER ug/L	EFF(46HZ) 4/30/2019 WATER ug/L	EFF(46HZ) 5/20/2019 WATER ug/L	EFF(46HZ) 6/22/219 WATER ug/L	EFF(46HZ) 7/26/2019 WATER ug/L	EFF(46HZ) 8/15/2019 WATER ug/L	EFF(46HZ) 9/26/2019 WATER ug/L	EFF(46HZ) 10/25/2019 WATER ug/L	EFF(46HZ) 11/22/2019 WATER ug/L	EFF(46HZ) 12/12/2019 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
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes
ug/L - micrograms per liter
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

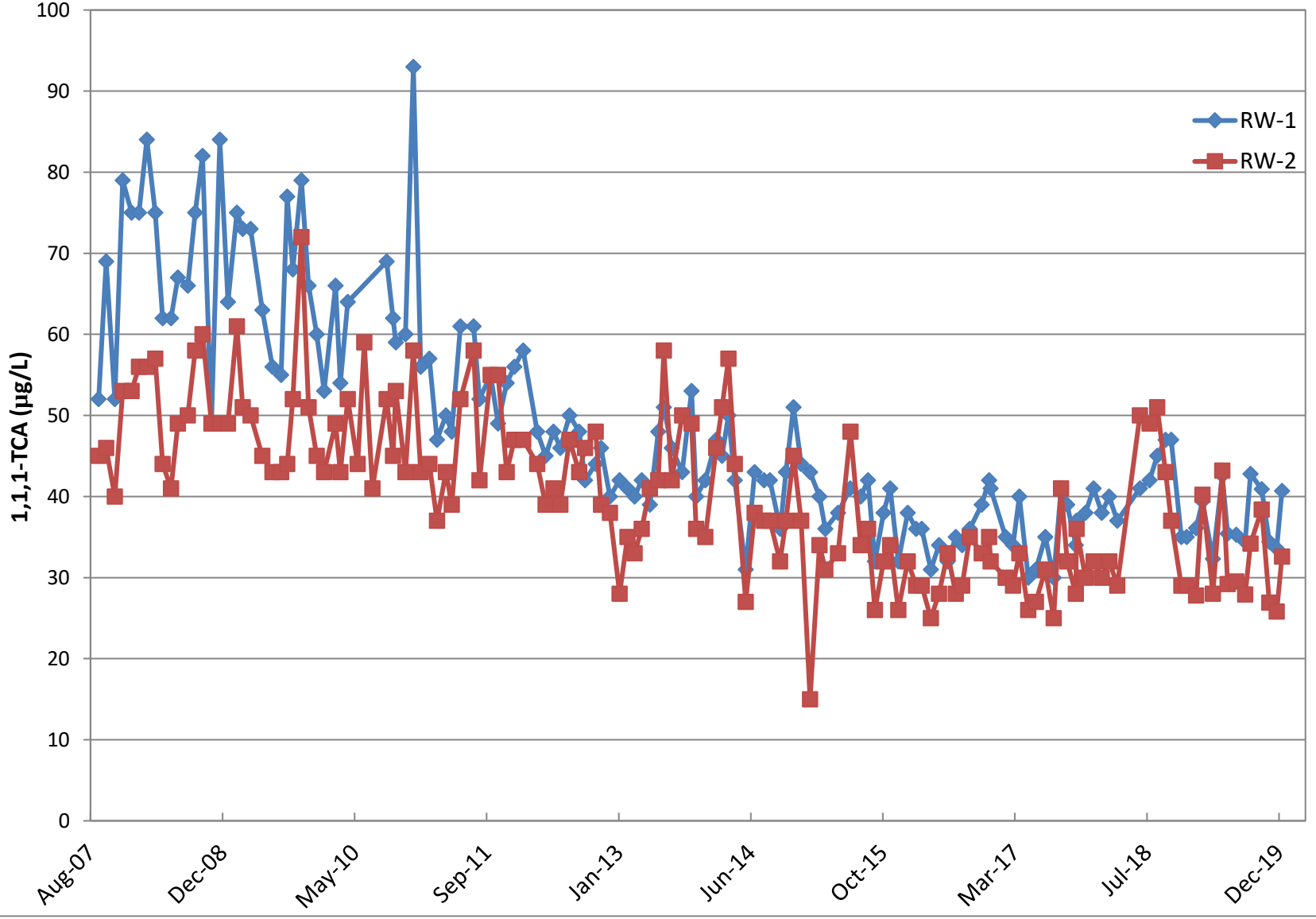


Source: USGS 7.5-minute Series Topographic Quadrangle, South Otselic (1988).

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 10/02/2019
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

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	68073172	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	72874721	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	752797	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.58	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 28.23	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 53.78	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 2.7	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 10/03/2019
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

Discrete Inputs:

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

Discrete Outputs:

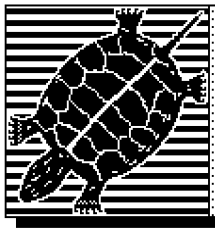
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.5	GPM	TOTAL FLOW is	68097431	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	72906907	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	752871	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 28.58	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.01	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 2.7	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 10/04/2019
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

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	68121720	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	72939116	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	752871	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.56	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 28.90	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.33	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 3.0	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 10/05/2019
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

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:

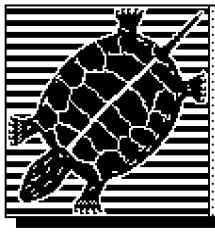
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.8	GPM	TOTAL FLOW is	68145999	GAL				
W2_FLO is 22.4	GPM	TOTAL FLOW is	72971336	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	752871	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.62	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.19	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.22	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 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 51.0	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 10/06/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.6	GPM	TOTAL FLOW is	68170207	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	73003514	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	752871	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.63	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.69	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 28.82	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 53.95	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 55.8	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 10/07/2019
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

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:

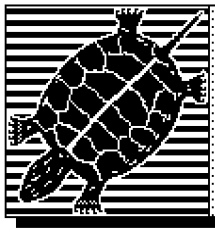
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.9	GPM	TOTAL FLOW is	68194349	GAL				
W2_FLO is 22.7	GPM	TOTAL FLOW is	73035664	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	752871	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.56	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.19	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.43	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 59.2	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 10/08/2019
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

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	68218610	GAL				
W2_FLO is 22.6	GPM	TOTAL FLOW is	73067930	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	752871	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.08	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 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.06	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.17	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 3.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 56.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/10/2019
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

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:

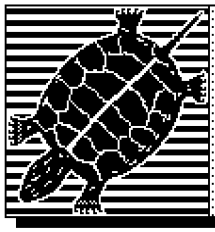
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.8	GPM	TOTAL FLOW is	68266934	GAL				
W2_FLO is 22.7	GPM	TOTAL FLOW is	73132388	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	752871	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.52	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.54	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 53.7	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 10/11/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.2	GPM	TOTAL FLOW is	68290983	GAL				
W2_FLO is 21.9	GPM	TOTAL FLOW is	73164587	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	752911	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.58	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.37	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.43	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 52.3	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 10/12/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	16.7	GPM	TOTAL FLOW is	68314989	GAL			
W2_FLO is	22.7	GPM	TOTAL FLOW is	73196748	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	752942	GAL			
HP_PRS is	1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.09	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	4.63	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	28.94	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	54.29	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	3.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	53.3	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 10/13/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	16.7	GPM	TOTAL FLOW is	68338972	GAL			
W2_FLO is	22.4	GPM	TOTAL FLOW is	73228913	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	752942	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.09	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.65	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.69	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	29.02	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	54.33	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	53.2	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 10/14/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.7	GPM	TOTAL FLOW is	68362954	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	73261081	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	752942	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 28.75	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.22	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 51.9	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 10/15/2019
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

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	16.3	GPM	TOTAL FLOW is	68386895	GAL			
W2_FLO is	22.2	GPM	TOTAL FLOW is	73293206	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	752942	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.09	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	4.56	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	28.97	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	54.24	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	52.5	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 10/16/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	16.6	GPM	TOTAL FLOW is	68410826	GAL			
W2_FLO is	22.0	GPM	TOTAL FLOW is	73325331	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	752942	GAL			
HP_PRS is	1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.09	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	4.57	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	28.60	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	54.03	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	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 10/17/2019
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

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	68434822	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	73357505	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	752942	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.79	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.79	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 54.4	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 10/18/2019
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

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	68459054	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	73389875	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	752942	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.61	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.09	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.63	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 53.4	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 10/19/2019
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

Discrete Inputs:

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

Discrete Outputs:

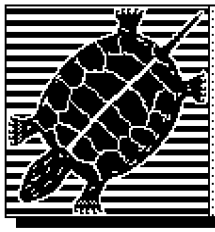
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.4	GPM	TOTAL FLOW is	68483321	GAL				
W2_FLO is 22.6	GPM	TOTAL FLOW is	73422242	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	752942	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.63	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.91	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.0	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 50.6	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 10/20/2019
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

Discrete Inputs:

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

Discrete Outputs:

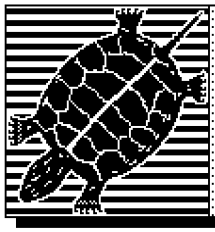
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.1	GPM	TOTAL FLOW is	68507446	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	73454525	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	752942	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.65	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 55.43	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 50.9	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 10/21/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.4	GPM	TOTAL FLOW is	68531459	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	73486780	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	752942	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.07	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.32	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 10/22/2019
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

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	68555363	GAL				
W2_FLO is 22.6	GPM	TOTAL FLOW is	73518980	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	752949	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.63	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.78	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.98	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 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 10/23/2019
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

Discrete Inputs:

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

Discrete Outputs:

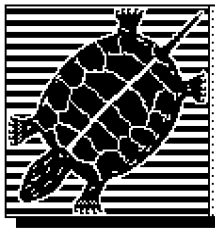
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.6	GPM	TOTAL FLOW is	68579196	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	73551181	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	752949	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.56	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.23	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.60	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	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 10/24/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.6	GPM	TOTAL FLOW is	68603041	GAL				
W2_FLO is 22.5	GPM	TOTAL FLOW is	73583425	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	752949	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.59	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 55.41	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 49.8	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 10/25/2019
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

Discrete Inputs:

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

Discrete Outputs:

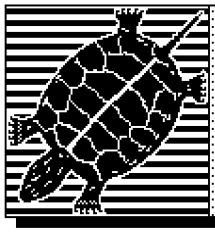
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.5	GPM	TOTAL FLOW is	68626848	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	73615653	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	752949	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.09	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 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.26	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.20	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 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 10/26/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.2	GPM	TOTAL FLOW is	68650654	GAL				
W2_FLO is 23.0	GPM	TOTAL FLOW is	73647844	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	753309	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.66	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.09	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 4.0	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 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 10/27/2019
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

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	68674437	GAL				
W2_FLO is 22.2	GPM	TOTAL FLOW is	73680033	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	753665	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.64	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.71	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.66	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.92	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 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 10/28/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	16.5	GPM	TOTAL FLOW is	68698258	GAL			
W2_FLO is	21.7	GPM	TOTAL FLOW is	73712262	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	753942	GAL			
HP_PRS is	1.4	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.05	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.51	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	30.35	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	62.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/29/2019
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

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	68722060	GAL			
W2_FLO is	22.2	GPM	TOTAL FLOW is	73744490	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	754203	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.05	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.58	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.64	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	30.26	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.26	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	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	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 10/30/2019
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

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	16.3	GPM	TOTAL FLOW is	68745825	GAL			
W2_FLO is	22.0	GPM	TOTAL FLOW is	73776695	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	754432	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.05	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.45	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	30.18	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	4.0	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	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 10/31/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.4	GPM	TOTAL FLOW is	68769552	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	73808871	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	754659	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.72	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.98	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 4.0	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 11/01/2019
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	68786515	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	73831832	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	754765	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.79	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 35.82	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 61.36	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 59.2	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 11/06/2019
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:

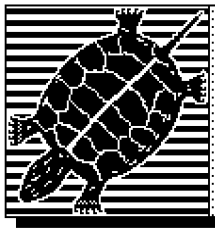
W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	68885363	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	73963512	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	756958	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.80	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 32.78	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.73	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 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 11/07/2019
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	68885363	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	73963512	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	756958	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.79	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.34	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.37	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 58.1	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 11/08/2019
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	68885363	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	73963512	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	756958	GAL				
HP_PRS is 1.1	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.80	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 32.17	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.29	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 56.3	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 @ 10:43:27 ON 11/08/2019
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 ON	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.3	GPM	TOTAL FLOW is	68886045	GAL				
W2_FLO is 22.5	GPM	TOTAL FLOW is	73964442	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.40	GPM	TOTAL FLOW is	757058	GAL				
HP_PRS is 10.9	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 5.17	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 4.59	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 55.68	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 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 11:09:38 ON 11/08/2019
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:

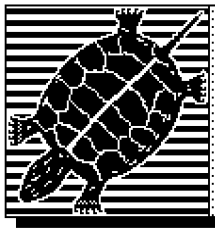
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.3	GPM	TOTAL FLOW is	68886477	GAL				
W2_FLO is 22.4	GPM	TOTAL FLOW is	73965030	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	757071	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.61	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 55.68	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 4.4	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 11/09/2019
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

Discrete Inputs:

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

Discrete Outputs:

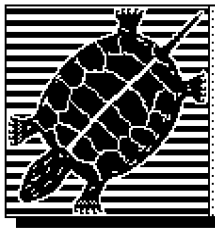
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.6	GPM	TOTAL FLOW is	68905210	GAL				
W2_FLO is 22.4	GPM	TOTAL FLOW is	73990426	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	758046	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.62	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.60	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 4.5	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 11/10/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.1	GPM	TOTAL FLOW is	68928966	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	74022728	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	758886	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.68	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 55.34	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.1	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 11/11/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.6	GPM	TOTAL FLOW is	68952615	GAL				
W2_FLO is 22.2	GPM	TOTAL FLOW is	74054975	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	759427	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.54	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 30.26	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.32	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 66.4	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 11/12/2019
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

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	68976194	GAL				
W2_FLO is 22.2	GPM	TOTAL FLOW is	74087148	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	760061	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.95	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.30	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 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 11/13/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.6	GPM	TOTAL FLOW is	68999700	GAL				
W2_FLO is 23.2	GPM	TOTAL FLOW is	74119274	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.45	GPM	TOTAL FLOW is	761293	GAL				
HP_PRS is 10.9	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 4.91	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.36	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 30.29	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.39	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 59.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/14/2019
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

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 16.3	GPM	TOTAL FLOW is	69023213	GAL				
W2_FLO is 22.6	GPM	TOTAL FLOW is	74151422	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	762529	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.46	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.55	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 55.11	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/15/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.2	GPM	TOTAL FLOW is	69046672	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	74183536	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	763345	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.56	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 55.11	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.3	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 11/16/2019
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

Discrete Inputs:

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

Discrete Outputs:

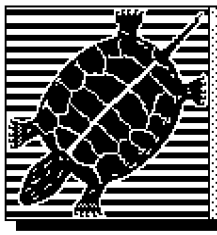
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 15.9	GPM	TOTAL FLOW is	69070126	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	74215512	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	764153	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.45	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 30.37	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/17/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.3	GPM	TOTAL FLOW is	69093573	GAL				
W2_FLO is 21.8	GPM	TOTAL FLOW is	74247483	GAL				
ASBPRS is 11.0	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 2.44	GPM	TOTAL FLOW is	765220	GAL				
HP_PRS is 11.1	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI		
HP_AMP is 4.95	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 4.53	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 30.26	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 59.9	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/18/2019
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

Discrete Inputs:

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

Discrete Outputs:

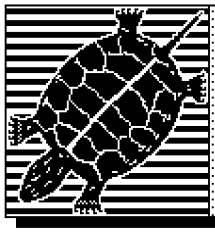
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.0	GPM	TOTAL FLOW is	69117010	GAL				
W2_FLO is 21.7	GPM	TOTAL FLOW is	74279385	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.39	GPM	TOTAL FLOW is	765941	GAL				
HP_PRS is 11.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 5.02	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 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.76	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/19/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.2	GPM	TOTAL FLOW is	69140386	GAL				
W2_FLO is 22.5	GPM	TOTAL FLOW is	74311255	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	766459	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.44	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 29.56	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.77	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	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 62.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/20/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.2	GPM	TOTAL FLOW is	69163735	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	74343098	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	767014	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.48	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 29.80	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 4.5	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 11/21/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	15.9	GPM	TOTAL FLOW is	69187048	GAL			
W2_FLO is	22.1	GPM	TOTAL FLOW is	74374930	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	767486	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.44	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	29.99	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	54.88	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 11/23/2019
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

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:

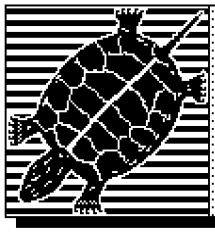
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	16.3	GPM	TOTAL FLOW is	69233607	GAL			
W2_FLO is	22.3	GPM	TOTAL FLOW is	74438568	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	768142	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.47	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.55	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	29.90	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.03	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	4.5	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 11/24/2019
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

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.2	GPM	TOTAL FLOW is	69256870	GAL				
W2_FLO is 22.4	GPM	TOTAL FLOW is	74470381	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	768382	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.58	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.38	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.82	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 4.5	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 11/25/2019
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:

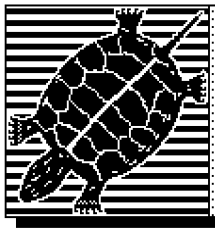
W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	69274042	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	74493869	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	768580	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.78	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 31.39	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.63	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 69.3	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 11/26/2019
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	69274042	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	74493869	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	768580	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.78	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 31.48	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.57	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 69.7	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 11/27/2019
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	69274042	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	74493869	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	768580	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.78	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 31.51	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.53	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 70.6	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 11/28/2019
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	69274042	GAL			
W2_FLO is 0.0	GPM	TOTAL FLOW is	74493869	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	768580	GAL			
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is 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 31.48	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 56.80	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 67.0	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 11/29/2019
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	69274042	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	74493869	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	768580	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.80	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 32.28	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.03	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 68.3	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 11/30/2019
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:

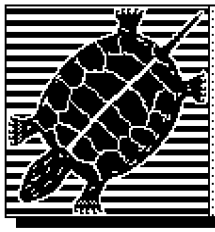
W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	69274042	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	74493869	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	768580	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.78	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 32.05	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.84	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 67.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/01/2019
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:

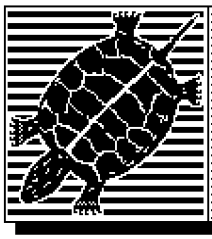
W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	69274042	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	74493869	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	768580	GAL				
HP_PRS is 1.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.78	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 56.74	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 66.3	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 @ 11:32:50 ON 12/01/2019
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
FAX REPORT INITIATED BY KEYPAD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.1	GPM	TOTAL FLOW is	69274109	GAL				
W2_FLO is 22.2	GPM	TOTAL FLOW is	74493963	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 1.05	GPM	TOTAL FLOW is	768586	GAL				
HP_PRS is 4.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 4.85	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 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 29.82	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 68.0	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 12/02/2019
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 16.7	GPM	TOTAL FLOW is	69292432	GAL				
W2_FLO is 22.5	GPM	TOTAL FLOW is	74518631	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	768883	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.49	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 29.66	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.98	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 59.8	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 12/03/2019
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 16.0	GPM	TOTAL FLOW is	69316165	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	74550686	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	769267	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.51	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 29.78	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 4.5	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 12/04/2019
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 16.3	GPM	TOTAL FLOW is	69339780	GAL				
W2_FLO is 22.7	GPM	TOTAL FLOW is	74582718	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	769679	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.58	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 54.96	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.9	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 12/05/2019
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	16.7	GPM	TOTAL FLOW is	69363333	GAL			
W2_FLO is	22.3	GPM	TOTAL FLOW is	74614722	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	769992	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.54	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.61	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	29.61	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	4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	61.7	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 12/06/2019
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 16.4	GPM	TOTAL FLOW is	69386860	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	74646729	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	770378	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.48	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 30.02	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.98	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 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.2	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 12/07/2019
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 16.2	GPM	TOTAL FLOW is	69410254	GAL				
W2_FLO is 21.9	GPM	TOTAL FLOW is	74678709	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	770753	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.52	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.23	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 59.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/08/2019
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	16.0	GPM	TOTAL FLOW is	69433479	GAL			
W2_FLO is	22.1	GPM	TOTAL FLOW is	74710716	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	771418	GAL			
HP_PRS is	1.2	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.55	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.63	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	55.01	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	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 12/09/2019
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 16.3	GPM	TOTAL FLOW is	69456628	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	74742720	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	771919	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.51	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 30.09	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.86	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.6	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 12/10/2019
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:

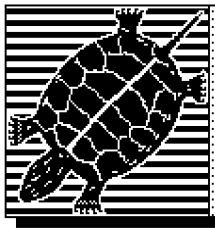
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.2	GPM	TOTAL FLOW is	69479921	GAL				
W2_FLO is 22.2	GPM	TOTAL FLOW is	74774697	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	772123	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.60	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.83	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 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 12/11/2019
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 16.6	GPM	TOTAL FLOW is	69503539	GAL				
W2_FLO is 22.4	GPM	TOTAL FLOW is	74806847	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	772428	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.75	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.55	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 4.5	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 12/12/2019
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 ON	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.1	GPM	TOTAL FLOW is	69527121	GAL				
W2_FLO is 22.1	GPM	TOTAL FLOW is	74839003	GAL				
ASBPRS is 11.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.44	GPM	TOTAL FLOW is	772918	GAL				
HP_PRS is 11.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 4.80	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 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.68	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 4.6	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 12/13/2019
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 16.3	GPM	TOTAL FLOW is	69550626	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	74871076	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	773378	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.22	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/14/2019
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:

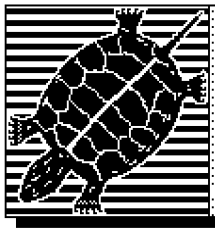
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.2	GPM	TOTAL FLOW is	69574051	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	74903211	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	773643	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.58	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.39	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.51	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.6	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 12/15/2019
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:

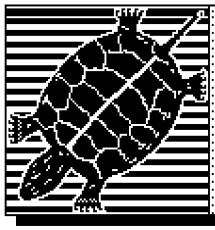
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.7	GPM	TOTAL FLOW is	69597593	GAL				
W2_FLO is 22.6	GPM	TOTAL FLOW is	74935486	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	773888	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.61	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.69	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.76	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.08	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	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 62.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/16/2019
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 16.3	GPM	TOTAL FLOW is	69621237	GAL				
W2_FLO is 22.0	GPM	TOTAL FLOW is	74967815	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	774290	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.79	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.55	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 59.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/17/2019
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 ON	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.1	GPM	TOTAL FLOW is	69644699	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	75000110	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.43	GPM	TOTAL FLOW is	774683	GAL				
HP_PRS is 11.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 5.00	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 4.51	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 56.04	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/18/2019
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 16.5	GPM	TOTAL FLOW is	69668092	GAL				
W2_FLO is 23.0	GPM	TOTAL FLOW is	75032345	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	775049	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.55	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.85	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.91	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	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 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 12/19/2019
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 16.1	GPM	TOTAL FLOW is	69691453	GAL				
W2_FLO is 22.8	GPM	TOTAL FLOW is	75064583	GAL				
ASBPRS is 11.0	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	775629	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.17	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 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.09	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.83	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 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 55.8	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 12/20/2019
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 16.0	GPM	TOTAL FLOW is	69714753	GAL				
W2_FLO is 22.6	GPM	TOTAL FLOW is	75096799	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	776290	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.42	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 31.36	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 4.2	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 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 12/21/2019
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 15.6	GPM	TOTAL FLOW is	69737993	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	75128996	GAL				
ASBPRS is 11.3	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	776989	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.29	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 4.3	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 54.4	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 12/22/2019
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 16.1	GPM	TOTAL FLOW is	69761216	GAL				
W2_FLO is 22.4	GPM	TOTAL FLOW is	75161248	GAL				
ASBPRS is 11.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	777665	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.45	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 31.06	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.62	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	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 12/23/2019
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:

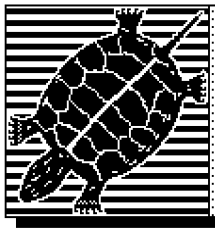
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.3	GPM	TOTAL FLOW is	69784387	GAL				
W2_FLO is 22.2	GPM	TOTAL FLOW is	75193515	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	778166	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.48	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 30.82	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 4.3	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 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 12/24/2019
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 16.0	GPM	TOTAL FLOW is	69807513	GAL				
W2_FLO is 22.6	GPM	TOTAL FLOW is	75225761	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	778504	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.46	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.56	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 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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 63.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/25/2019
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:

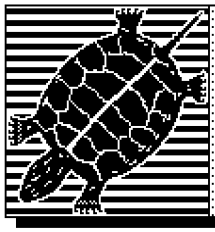
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	16.3	GPM	TOTAL FLOW is	69830622	GAL			
W2_FLO is	22.7	GPM	TOTAL FLOW is	75257992	GAL			
ASBPRS is	10.9	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	778856	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.54	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.63	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	30.61	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.15	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.2	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	57.3	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/26/2019
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 ON	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.0	GPM	TOTAL FLOW is	69853681	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	75290215	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.26	GPM	TOTAL FLOW is	779261	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.53	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.62	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 55.07	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/27/2019
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:

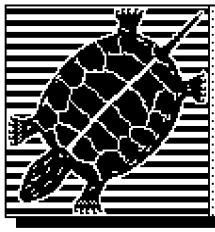
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 16.0	GPM	TOTAL FLOW is	69876701	GAL				
W2_FLO is 22.2	GPM	TOTAL FLOW is	75322444	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	779515	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.59	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.51	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 54.88	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 63.0	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 12/28/2019
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 16.1	GPM	TOTAL FLOW is	69899771	GAL					
W2_FLO	is 22.2	GPM	TOTAL FLOW is	75354666	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	779746	GAL					
HP_PRS	is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI		
HP_AMP	is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP		
W1_AMP	is 4.51	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP		
W2_AMP	is 4.61	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP		
W1_LVL	is 30.93	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT		
W2_LVL	is 55.34	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT		
W1_PRS	is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI		
W2_PRS	is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI		
INTEMP	is 61.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/29/2019
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 16.2	GPM	TOTAL FLOW is	69922899	GAL				
W2_FLO is 22.3	GPM	TOTAL FLOW is	75386894	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	780081	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.45	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 30.88	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.26	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 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 12/30/2019
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 ON	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 16.0	GPM	TOTAL FLOW is	69946001	GAL				
W2_FLO is 22.5	GPM	TOTAL FLOW is	75419100	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.53	GPM	TOTAL FLOW is	780343	GAL				
HP_PRS is 11.2	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 5.15	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 4.57	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 55.70	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 65.7	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 12/31/2019
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 16.4	GPM	TOTAL FLOW is	69969286	GAL				
W2_FLO is 22.6	GPM	TOTAL FLOW is	75451386	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	780575	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.57	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.50	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 4.5	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

APPENDIX B

O&M Checklists

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	10/25/2019
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)	16.8	22.2
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	30.27	55.22
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)	59°

Heat Exchanger			
Heat (On/Off)	Off	Building Temperature (°F)	63°
Heat Exchanger Flow (GPM)	12.4	Heat Exchanger Pressure (PSI)	11.1

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):	0730
	RW-2:	0745
	EFF-46 Hz:	0800

Grass Mowed around building: 0830

System Check: 0900

Heat turned on (Main Unit) Set at 68°

Corner heater turned on low

Replaced batteries in HVAC Temp. gauge

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 11/1/2019
Inspector L. Whalen
Time 1100

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	22.7
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	34.00	59.50
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46.0	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.4	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	56.1°

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	58°
Heat Exchanger Flow (GPM)	2.4	Heat Exchanger Pressure (PSI)	11.3

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: 1045

System Check: 1100

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 11/8/2019
Inspector L. Whalen
Time 1000

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

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	16.7	22.5
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	30.55	55.70
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46.0	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.7	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	58°

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	68°
Heat Exchanger Flow (GPM)	2.45	Heat Exchanger Pressure (PSI)	11.1

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 Startup: 0915

System Check: 1000

Cut old telephone pole out

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	11/22/2019
Inspector	L. Whalen
Time	0930

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

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	16.0	22.4
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	29.46	54.60
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46.0	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.3	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	59°

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	70°
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:

Samples Collected:	RW-1 (MS/MSD):	0840
	RW-2:	0850
	EFF 46-Hz:	0900

System Check: 0930

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	12/1/2019
Inspector	L. Whalen
Time	1050

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

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	16.1	20.2
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	29.88	55.09
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46.0	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)	49°

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	68°
Heat Exchanger Flow (GPM)	1.14	Heat Exchanger Pressure (PSI)	4.8

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: 1040

System Check: 1050

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 12/12/2019
Inspector L. Whalen
Time 0930

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

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	16.1	22.5
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	31.66	56.12
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46.0	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	11.1	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	48°

Heat Exchanger			
Heat (On/Off)	Off	Building Temperature (°F)	70°
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:

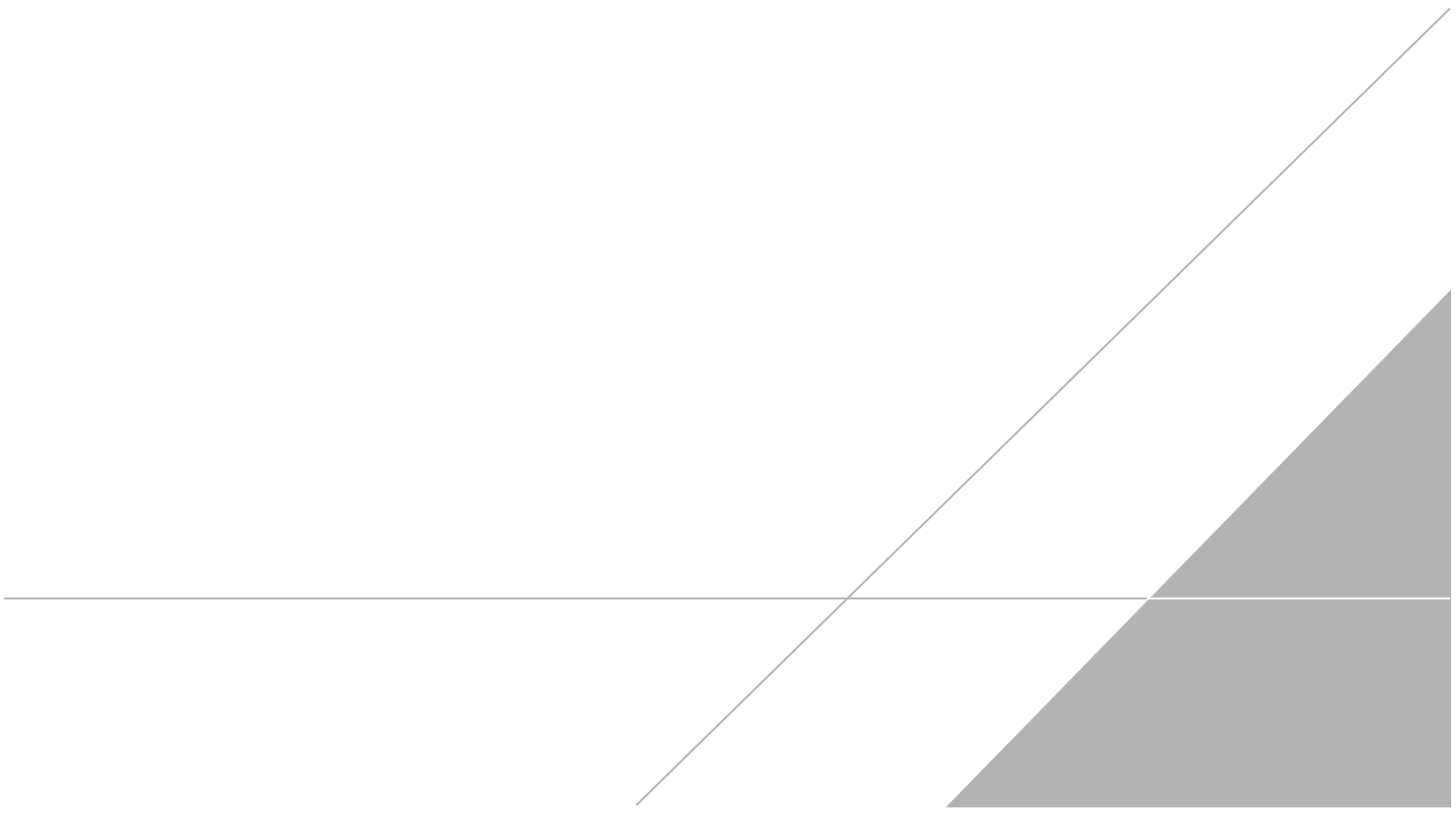
Site Walk: 0830

Samples Collected: RW-1 (MS/MSD): 900
RW-2: 910
EFF 46 Hz: 915

System Inspection: 0930

APPENDIX C

Analytical Reporting Forms



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

November 6, 2019

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

Project Location: South Otselic
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 19J1707

Enclosed are results of analyses for samples received by the laboratory on October 26, 2019. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kaitlyn A. Feliciano
Project Manager

Table of Contents

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

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

REPORT DATE: 11/6/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19J1707

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

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RW-1_20191025	19J1707-01	Ground Water		624.1	
RW-2_20191025	19J1707-02	Ground Water		624.1	
EFF-46-HZ_20191025	19J1707-03	Ground Water		624.1	
TRIP BLANK_20191025	19J1707-04	Trip Blank Water		624.1	

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

CASE NARRATIVE SUMMARY

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

REVISED REPORT 11/6//19- Sample dates revised to match the coc.

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.

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

Project Location: South Otselic | Sample Description: | Work Order: 19J1707

Date Received: 10/26/2019

Field Sample #: RW-1_20191025 | Sampled: 10/25/2019 07:30

Sample ID: 19J1707-01

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	10/30/19	10/31/19 14:18	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
1,1-Dichloroethane	1.48	2.00	0.160	µg/L	1	J	624.1	10/30/19	10/31/19 14:18	LBD
1,1-Dichloroethylene	0.820	2.00	0.320	µg/L	1	J	624.1	10/30/19	10/31/19 14:18	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
1,1,1-Trichloroethane	34.4	2.00	0.200	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	10/30/19	10/31/19 14:18	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.8	70-130		10/31/19 14:18
Toluene-d8	109	70-130		10/31/19 14:18
4-Bromofluorobenzene	96.6	70-130		10/31/19 14:18

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

Project Location: South Otselic | Sample Description: | Work Order: 19J1707

Date Received: 10/26/2019

Field Sample #: RW-2_20191025 | Sampled: 10/25/2019 07:45

Sample ID: 19J1707-02

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	10/30/19	10/31/19 14:48	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
1,1-Dichloroethane	0.730	2.00	0.160	µg/L	1	J	624.1	10/30/19	10/31/19 14:48	LBD
1,1-Dichloroethylene	0.730	2.00	0.320	µg/L	1	J	624.1	10/30/19	10/31/19 14:48	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
1,1,1-Trichloroethane	26.9	2.00	0.200	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	10/30/19	10/31/19 14:48	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.0	70-130		10/31/19 14:48
Toluene-d8	109	70-130		10/31/19 14:48
4-Bromofluorobenzene	96.3	70-130		10/31/19 14:48

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

Project Location: South Otselic | Sample Description: | Work Order: 19J1707

Date Received: 10/26/2019

Field Sample #: EFF-46-HZ_20191025 | Sampled: 10/25/2019 08:00

Sample ID: 19J1707-03

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	10/30/19	10/31/19 13:47	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
1,1-Dichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
1,1-Dichloroethylene	<2.00	2.00	0.320	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
1,1,1-Trichloroethane	<2.00	2.00	0.200	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	10/30/19	10/31/19 13:47	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.4	70-130		10/31/19 13:47
Toluene-d8	108	70-130		10/31/19 13:47
4-Bromofluorobenzene	98.6	70-130		10/31/19 13:47

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

Project Location: South Otselic | Sample Description: | Work Order: 19J1707

Date Received: 10/26/2019

Field Sample #: TRIP BLANK_20191025 | Sampled: 10/25/2019 00:00

Sample ID: 19J1707-04

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	10/30/19	10/31/19 13:16	LBD
Bromodichloromethane	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Bromoform	<2.00	2.00	0.460	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Bromomethane	<5.00	5.00	0.780	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Carbon Tetrachloride	<2.00	2.00	0.110	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Chlorobenzene	<2.00	2.00	0.150	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Chlorodibromomethane	<2.00	2.00	0.210	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Chloroethane	<2.00	2.00	0.350	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Chloroform	<2.00	2.00	0.170	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Chloromethane	<2.00	2.00	0.450	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
1,2-Dichlorobenzene	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
1,3-Dichlorobenzene	<2.00	2.00	0.120	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
1,4-Dichlorobenzene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
1,2-Dichloroethane	<2.00	2.00	0.410	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
1,1-Dichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
1,1-Dichloroethylene	<2.00	2.00	0.320	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
trans-1,2-Dichloroethylene	<2.00	2.00	0.310	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
1,2-Dichloropropane	<2.00	2.00	0.200	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
cis-1,3-Dichloropropene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
trans-1,3-Dichloropropene	<2.00	2.00	0.230	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Ethylbenzene	<2.00	2.00	0.130	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Methyl tert-Butyl Ether (MTBE)	<2.00	2.00	0.250	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Methylene Chloride	<5.00	5.00	0.340	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
1,1,2,2-Tetrachloroethane	<2.00	2.00	0.220	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Tetrachloroethylene	<2.00	2.00	0.180	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Toluene	<1.00	1.00	0.140	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
1,1,1-Trichloroethane	<2.00	2.00	0.200	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
1,1,2-Trichloroethane	<2.00	2.00	0.160	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Trichloroethylene	<2.00	2.00	0.240	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Trichlorofluoromethane (Freon 11)	<2.00	2.00	0.330	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
Vinyl Chloride	<2.00	2.00	0.450	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
m+p Xylene	<2.00	2.00	0.300	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD
o-Xylene	<2.00	2.00	0.170	µg/L	1		624.1	10/30/19	10/31/19 13:16	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.1	70-130		10/31/19 13:16
Toluene-d8	109	70-130		10/31/19 13:16
4-Bromofluorobenzene	99.4	70-130		10/31/19 13:16

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Sample Extraction Data

Prep Method: SW-846 5030B-624.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19J1707-01 [RW-1_20191025]	B244594	5	5.00	10/30/19
19J1707-02 [RW-2_20191025]	B244594	5	5.00	10/30/19
19J1707-03 [EFF-46-HZ_20191025]	B244594	5	5.00	10/30/19
19J1707-04 [TRIP BLANK_20191025]	B244594	5	5.00	10/30/19

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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 B244594 - SW-846 5030B										
Blank (B244594-BLK1)				Prepared: 10/30/19 Analyzed: 10/31/19						
Benzene	ND	1.00	µg/L							
Bromodichloromethane	ND	2.00	µg/L							
Bromoform	ND	2.00	µg/L							
Bromomethane	0.860	2.00	µg/L							J
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	*24.2*		µg/L	25.0		96.6	70-130			
Surrogate: Toluene-d8	*26.9*		µg/L	25.0		108	70-130			
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.2	70-130			
LCS (B244594-BS1)				Prepared: 10/30/19 Analyzed: 10/31/19						
Benzene	22	1.00	µg/L	20.0		108	65-135			
Bromodichloromethane	20	2.00	µg/L	20.0		101	65-135			
Bromoform	19	2.00	µg/L	20.0		93.7	70-130			
Bromomethane	9.7	2.00	µg/L	20.0		48.4	15-185			
Carbon Tetrachloride	19	2.00	µg/L	20.0		93.4	70-130			
Chlorobenzene	21	2.00	µg/L	20.0		104	65-135			
Chlorodibromomethane	21	2.00	µg/L	20.0		105	70-135			
Chloroethane	18	2.00	µg/L	20.0		89.3	40-160			
Chloroform	20	2.00	µg/L	20.0		99.0	70-135			
Chloromethane	14	2.00	µg/L	20.0		70.0	20-205			
1,2-Dichlorobenzene	21	2.00	µg/L	20.0		104	65-135			
1,3-Dichlorobenzene	20	2.00	µg/L	20.0		102	70-130			
1,4-Dichlorobenzene	20	2.00	µg/L	20.0		101	65-135			
1,2-Dichloroethane	21	2.00	µg/L	20.0		105	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 B244594 - SW-846 5030B										
LCS (B244594-BS1)				Prepared: 10/30/19 Analyzed: 10/31/19						
1,1-Dichloroethane	22	2.00	µg/L	20.0		112	70-130			
1,1-Dichloroethylene	20	2.00	µg/L	20.0		102	50-150			
trans-1,2-Dichloroethylene	23	2.00	µg/L	20.0		114	70-130			
1,2-Dichloropropane	25	2.00	µg/L	20.0		125	35-165			
cis-1,3-Dichloropropene	20	2.00	µg/L	20.0		99.9	25-175			
trans-1,3-Dichloropropene	19	2.00	µg/L	20.0		96.2	50-150			
Ethylbenzene	19	2.00	µg/L	20.0		97.1	60-140			
Methyl tert-Butyl Ether (MTBE)	22	2.00	µg/L	20.0		108	70-130			
Methylene Chloride	21	5.00	µg/L	20.0		106	60-140			
1,1,2,2-Tetrachloroethane	25	2.00	µg/L	20.0		123	60-140			
Tetrachloroethylene	22	2.00	µg/L	20.0		112	70-130			
Toluene	21	1.00	µg/L	20.0		107	70-130			
1,1,1-Trichloroethane	19	2.00	µg/L	20.0		94.6	70-130			
1,1,2-Trichloroethane	23	2.00	µg/L	20.0		116	70-130			
Trichloroethylene	21	2.00	µg/L	20.0		107	65-135			
Trichlorofluoromethane (Freon 11)	16	2.00	µg/L	20.0		80.6	50-150			
Vinyl Chloride	20	2.00	µg/L	20.0		102	5-195			
m+p Xylene	38	2.00	µg/L	40.0		95.4	70-130			
o-Xylene	19	2.00	µg/L	20.0		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	*23.4*		µg/L	25.0		93.5	70-130			
Surrogate: Toluene-d8	*27.3*		µg/L	25.0		109	70-130			
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.8	70-130			
Matrix Spike (B244594-MS1)	**Source: 19J1707-01**			Prepared: 10/30/19 Analyzed: 10/31/19						
Benzene	11	1.00	µg/L	10.0	ND	108	37-151			
Bromodichloromethane	10	2.00	µg/L	10.0	ND	100	35-155			
Bromoform	8.5	2.00	µg/L	10.0	ND	85.3	45-169			
Bromomethane	6.4	2.00	µg/L	10.0	ND	63.6	20-242			
Carbon Tetrachloride	9.5	2.00	µg/L	10.0	ND	95.4	70-140			
Chlorobenzene	10	2.00	µg/L	10.0	ND	103	37-160			
Chlorodibromomethane	9.9	2.00	µg/L	10.0	ND	99.4	53-149			
Chloroethane	12	2.00	µg/L	10.0	ND	117	14-230			
Chloroform	10	2.00	µg/L	10.0	ND	102	51-138			
Chloromethane	7.6	2.00	µg/L	10.0	ND	75.5	20-273			
1,2-Dichlorobenzene	9.7	2.00	µg/L	10.0	ND	97.3	18-190			
1,3-Dichlorobenzene	9.7	2.00	µg/L	10.0	ND	97.4	59-156			
1,4-Dichlorobenzene	9.5	2.00	µg/L	10.0	ND	95.2	18-190			
1,2-Dichloroethane	11	2.00	µg/L	10.0	ND	106	49-155			
1,1-Dichloroethane	13	2.00	µg/L	10.0	1.5	112	59-155			
1,1-Dichloroethylene	12	2.00	µg/L	10.0	0.82	112	20-234			
trans-1,2-Dichloroethylene	12	2.00	µg/L	10.0	ND	117	54-156			
1,2-Dichloropropane	12	2.00	µg/L	10.0	ND	121	20-210			
cis-1,3-Dichloropropene	9.1	2.00	µg/L	10.0	ND	91.2	20-227			
trans-1,3-Dichloropropene	8.4	2.00	µg/L	10.0	ND	83.9	17-183			
Ethylbenzene	9.7	2.00	µg/L	10.0	ND	96.8	37-162			
Methyl tert-Butyl Ether (MTBE)	10	2.00	µg/L	10.0	ND	101	70-130			
Methylene Chloride	11	5.00	µg/L	10.0	ND	105	20-221			
1,1,2,2-Tetrachloroethane	11	2.00	µg/L	10.0	ND	114	46-157			
Tetrachloroethylene	11	2.00	µg/L	10.0	ND	111	64-148			
Toluene	11	1.00	µg/L	10.0	ND	107	47-150			
1,1,1-Trichloroethane	43	2.00	µg/L	10.0	34	86.4	52-162			
1,1,2-Trichloroethane	11	2.00	µg/L	10.0	ND	114	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 B244594 - SW-846 5030B										
Matrix Spike (B244594-MS1)	**Source: 19J1707-01**			Prepared: 10/30/19 Analyzed: 10/31/19						
Trichloroethylene	11	2.00	µg/L	10.0	ND	109	70-157			
Trichlorofluoromethane (Freon 11)	8.7	2.00	µg/L	10.0	ND	86.8	17-181			
Vinyl Chloride	11	2.00	µg/L	10.0	ND	109	20-251			
m+p Xylene	19	2.00	µg/L	20.0	ND	96.5	70-130			
o-Xylene	9.6	2.00	µg/L	10.0	ND	95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	*23.0*		µg/L	25.0		92.0	70-130			
Surrogate: Toluene-d8	*27.7*		µg/L	25.0		111	70-130			
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101	70-130			
Matrix Spike Dup (B244594-MSD1)	**Source: 19J1707-01**			Prepared: 10/30/19 Analyzed: 10/31/19						
Benzene	11	1.00	µg/L	10.0	ND	112	37-151	3.09	61	
Bromodichloromethane	10	2.00	µg/L	10.0	ND	103	35-155	2.96	56	
Bromoform	8.7	2.00	µg/L	10.0	ND	87.2	45-169	2.20	42	
Bromomethane	7.4	2.00	µg/L	10.0	ND	74.4	20-242	15.7	61	
Carbon Tetrachloride	9.9	2.00	µg/L	10.0	ND	99.3	70-140	4.01	41	
Chlorobenzene	11	2.00	µg/L	10.0	ND	106	37-160	2.39	53	
Chlorodibromomethane	10	2.00	µg/L	10.0	ND	103	53-149	3.94	50	
Chloroethane	12	2.00	µg/L	10.0	ND	120	14-230	2.79	78	
Chloroform	10	2.00	µg/L	10.0	ND	103	51-138	1.17	54	
Chloromethane	7.6	2.00	µg/L	10.0	ND	76.5	20-273	1.32	60	
1,2-Dichlorobenzene	10	2.00	µg/L	10.0	ND	104	18-190	6.85	57	
1,3-Dichlorobenzene	10	2.00	µg/L	10.0	ND	102	59-156	4.32	43	
1,4-Dichlorobenzene	10	2.00	µg/L	10.0	ND	100	18-190	5.42	57	
1,2-Dichloroethane	11	2.00	µg/L	10.0	ND	107	49-155	0.848	49	
1,1-Dichloroethane	13	2.00	µg/L	10.0	1.5	117	59-155	3.17	40	
1,1-Dichloroethylene	12	2.00	µg/L	10.0	0.82	113	20-234	1.24	32	
trans-1,2-Dichloroethylene	12	2.00	µg/L	10.0	ND	121	54-156	3.36	45	
1,2-Dichloropropane	12	2.00	µg/L	10.0	ND	125	20-210	3.25	55	
cis-1,3-Dichloropropene	9.2	2.00	µg/L	10.0	ND	92.5	20-227	1.42	58	
trans-1,3-Dichloropropene	8.6	2.00	µg/L	10.0	ND	86.4	17-183	2.94	86	
Ethylbenzene	10	2.00	µg/L	10.0	ND	99.5	37-162	2.75	63	
Methyl tert-Butyl Ether (MTBE)	10	2.00	µg/L	10.0	ND	103	70-130	2.15	20	
Methylene Chloride	11	5.00	µg/L	10.0	ND	109	20-221	3.55	28	
1,1,2,2-Tetrachloroethane	12	2.00	µg/L	10.0	ND	120	46-157	5.02	61	
Tetrachloroethylene	12	2.00	µg/L	10.0	ND	117	64-148	4.74	39	
Toluene	11	1.00	µg/L	10.0	ND	111	47-150	3.31	41	
1,1,1-Trichloroethane	45	2.00	µg/L	10.0	34	106	52-162	4.54	36	
1,1,2-Trichloroethane	12	2.00	µg/L	10.0	ND	118	52-150	3.44	45	
Trichloroethylene	11	2.00	µg/L	10.0	ND	112	70-157	2.26	48	
Trichlorofluoromethane (Freon 11)	9.0	2.00	µg/L	10.0	ND	89.5	17-181	3.06	84	
Vinyl Chloride	11	2.00	µg/L	10.0	ND	111	20-251	1.55	66	
m+p Xylene	20	2.00	µg/L	20.0	ND	98.3	70-130	1.85	20	
o-Xylene	9.7	2.00	µg/L	10.0	ND	97.1	70-130	1.24	20	
Surrogate: 1,2-Dichloroethane-d4	*23.5*		µg/L	25.0		94.0	70-130			
Surrogate: Toluene-d8	*27.6*		µg/L	25.0		111	70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit 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 - ISO17025:2017	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
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	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

19J1707

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: Aragos
Address: 855 Route 146, STE 210, Clifton Park, NY
Phone: 518-250-7801 / 607-206-6262
Project Name: Gladding Cordage
Project Location: South Otselic
Project Number: 0026664062000
Project Manager: J. Wyckoff
Con-Test Quote Name/Number:
Invoice Recipient: J. Wyckoff
Sampled By: L. Whalen

Requested Turnaround Time:
7-Day ☐ 10-Day ☐
Due Date: 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	Matrix Code	Conc Code	# of Containers	Preservation Code	Container Code
1	RW-1 (MS-MSD)	10/25/19	0730			GW		17	H	V
2	RW-2	↓	0745			↓		6		
3	EFF-46-HZ	↓	0800			↓		2		
4	Trip Blank	–	–	–		–		4		

Dissolved Metals Samples: ☐ Field Filtered ☐ Lab to Filter

Bio/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:
Lan D. Whalen	10/25/19 1100
Received by: (signature)	Date/Time:
8.6	10/26 1137
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

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

Other:

State:

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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Welcome to FedEx

RATE & SHIP TRACK LOCATIONS

TRACKING ID
806832458416

TRACK

MULTIPLE TRACKING NUMBERS |
NEED HELP? **(HTTPS://WWW.FEDEX.COM/EN-US/QUICK-HELP/TRACKING/F_QUICKHELP.HTML)**

Delivered Saturday 10/26/2019 at 11:37 am

DELIVERED

Signed for by: R.PETRAITIS

Add to Watch List

FROM
Syracuse, NY US
TO
East Longmeadow, MA US

SEE FULL DETAILS

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 SA Date 10/26 Time 1137

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

By Gun # 5 Actual Temp - 3.4

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

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? ~~F~~ SA 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? Acid NA Base NA

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

December 5, 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: 19K1440

Enclosed are results of analyses for samples received by the laboratory on November 23, 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: 12/5/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19K1440

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)	19K1440-01	Ground Water		624.1	
RW-2	19K1440-02	Ground Water		624.1	
EFF 46 HZ	19K1440-03	Ground Water		624.1	
Trip Blank	19K1440-04	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.

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: 19K1440

Date Received: 11/23/2019

Field Sample #: RW-1 (MS/MSD) | Sampled: 11/22/2019 08:40

Sample ID: 19K1440-01

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	<0.180	1.00	0.180	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Bromodichloromethane	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Bromoform	<0.460	2.00	0.460	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Bromomethane	<0.780	5.00	0.780	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Carbon Tetrachloride	<0.110	2.00	0.110	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Chlorobenzene	<0.150	2.00	0.150	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Chlorodibromomethane	<0.210	2.00	0.210	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Chloroethane	<0.350	2.00	0.350	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Chloroform	<0.170	2.00	0.170	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Chloromethane	<0.450	2.00	0.450	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
1,2-Dichlorobenzene	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
1,3-Dichlorobenzene	<0.120	2.00	0.120	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
1,4-Dichlorobenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
1,2-Dichloroethane	<0.410	2.00	0.410	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
1,1-Dichloroethane	1.55	2.00	0.160	µg/L	1	J	624.1	12/4/19	12/5/19 9:43	LBD
1,1-Dichloroethylene	0.890	2.00	0.320	µg/L	1	J	624.1	12/4/19	12/5/19 9:43	LBD
trans-1,2-Dichloroethylene	<0.310	2.00	0.310	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
1,2-Dichloropropane	<0.200	2.00	0.200	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
cis-1,3-Dichloropropene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
trans-1,3-Dichloropropene	<0.230	2.00	0.230	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Ethylbenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Methyl tert-Butyl Ether (MTBE)	<0.250	2.00	0.250	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Methylene Chloride	<0.340	5.00	0.340	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
1,1,2,2-Tetrachloroethane	<0.220	2.00	0.220	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Tetrachloroethylene	<0.180	2.00	0.180	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Toluene	<0.140	1.00	0.140	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
1,1,1-Trichloroethane	33.6	2.00	0.200	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
1,1,2-Trichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Trichloroethylene	<0.240	2.00	0.240	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Trichlorofluoromethane (Freon 11)	<0.330	2.00	0.330	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
Vinyl Chloride	<0.450	2.00	0.450	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
m+p Xylene	<0.300	2.00	0.300	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD
o-Xylene	<0.170	2.00	0.170	µg/L	1		624.1	12/4/19	12/5/19 9:43	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.8	70-130		12/5/19 9:43
Toluene-d8	101	70-130		12/5/19 9:43
4-Bromofluorobenzene	99.8	70-130		12/5/19 9:43

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Project Location: South Otselic, NY | Sample Description: | Work Order: 19K1440

Date Received: 11/23/2019

Field Sample #: RW-2 | Sampled: 11/22/2019 08:50

Sample ID: 19K1440-02

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	<0.180	1.00	0.180	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Bromodichloromethane	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Bromoform	<0.460	2.00	0.460	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Bromomethane	<0.780	5.00	0.780	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Carbon Tetrachloride	<0.110	2.00	0.110	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Chlorobenzene	<0.150	2.00	0.150	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Chlorodibromomethane	<0.210	2.00	0.210	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Chloroethane	<0.350	2.00	0.350	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Chloroform	<0.170	2.00	0.170	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Chloromethane	<0.450	2.00	0.450	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
1,2-Dichlorobenzene	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
1,3-Dichlorobenzene	<0.120	2.00	0.120	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
1,4-Dichlorobenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
1,2-Dichloroethane	<0.410	2.00	0.410	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
1,1-Dichloroethane	0.730	2.00	0.160	µg/L	1	J	624.1	12/4/19	12/5/19 10:14	LBD
1,1-Dichloroethylene	0.690	2.00	0.320	µg/L	1	J	624.1	12/4/19	12/5/19 10:14	LBD
trans-1,2-Dichloroethylene	<0.310	2.00	0.310	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
1,2-Dichloropropane	<0.200	2.00	0.200	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
cis-1,3-Dichloropropene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
trans-1,3-Dichloropropene	<0.230	2.00	0.230	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Ethylbenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Methyl tert-Butyl Ether (MTBE)	<0.250	2.00	0.250	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Methylene Chloride	<0.340	5.00	0.340	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
1,1,2,2-Tetrachloroethane	<0.220	2.00	0.220	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Tetrachloroethylene	<0.180	2.00	0.180	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Toluene	<0.140	1.00	0.140	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
1,1,1-Trichloroethane	25.8	2.00	0.200	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
1,1,2-Trichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Trichloroethylene	<0.240	2.00	0.240	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Trichlorofluoromethane (Freon 11)	<0.330	2.00	0.330	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
Vinyl Chloride	<0.450	2.00	0.450	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
m+p Xylene	<0.300	2.00	0.300	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD
o-Xylene	<0.170	2.00	0.170	µg/L	1		624.1	12/4/19	12/5/19 10:14	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.6	70-130		12/5/19 10:14
Toluene-d8	101	70-130		12/5/19 10:14
4-Bromofluorobenzene	95.6	70-130		12/5/19 10:14

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 19K1440

Date Received: 11/23/2019

Field Sample #: EFF 46 HZ | Sampled: 11/22/2019 09:00

Sample ID: 19K1440-03

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	<0.180	1.00	0.180	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Bromodichloromethane	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Bromoform	<0.460	2.00	0.460	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Bromomethane	<0.780	5.00	0.780	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Carbon Tetrachloride	<0.110	2.00	0.110	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Chlorobenzene	<0.150	2.00	0.150	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Chlorodibromomethane	<0.210	2.00	0.210	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Chloroethane	<0.350	2.00	0.350	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Chloroform	<0.170	2.00	0.170	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Chloromethane	<0.450	2.00	0.450	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
1,2-Dichlorobenzene	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
1,3-Dichlorobenzene	<0.120	2.00	0.120	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
1,4-Dichlorobenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
1,2-Dichloroethane	<0.410	2.00	0.410	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
1,1-Dichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
1,1-Dichloroethylene	<0.320	2.00	0.320	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
trans-1,2-Dichloroethylene	<0.310	2.00	0.310	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
1,2-Dichloropropane	<0.200	2.00	0.200	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
cis-1,3-Dichloropropene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
trans-1,3-Dichloropropene	<0.230	2.00	0.230	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Ethylbenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Methyl tert-Butyl Ether (MTBE)	<0.250	2.00	0.250	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Methylene Chloride	<0.340	5.00	0.340	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
1,1,2,2-Tetrachloroethane	<0.220	2.00	0.220	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Tetrachloroethylene	<0.180	2.00	0.180	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Toluene	<0.140	1.00	0.140	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
1,1,1-Trichloroethane	<0.200	2.00	0.200	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
1,1,2-Trichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Trichloroethylene	<0.240	2.00	0.240	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Trichlorofluoromethane (Freon 11)	<0.330	2.00	0.330	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
Vinyl Chloride	<0.450	2.00	0.450	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
m+p Xylene	<0.300	2.00	0.300	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD
o-Xylene	<0.170	2.00	0.170	µg/L	1		624.1	12/4/19	12/5/19 7:09	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.7	70-130		12/5/19 7:09
Toluene-d8	102	70-130		12/5/19 7:09
4-Bromofluorobenzene	99.6	70-130		12/5/19 7:09

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 19K1440

Date Received: 11/23/2019

Field Sample #: Trip Blank | Sampled: 11/22/2019 00:00

Sample ID: 19K1440-04

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	<0.180	1.00	0.180	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Bromodichloromethane	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Bromoform	<0.460	2.00	0.460	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Bromomethane	<0.780	5.00	0.780	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Carbon Tetrachloride	<0.110	2.00	0.110	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Chlorobenzene	<0.150	2.00	0.150	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Chlorodibromomethane	<0.210	2.00	0.210	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Chloroethane	<0.350	2.00	0.350	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Chloroform	<0.170	2.00	0.170	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Chloromethane	<0.450	2.00	0.450	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
1,2-Dichlorobenzene	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
1,3-Dichlorobenzene	<0.120	2.00	0.120	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
1,4-Dichlorobenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
1,2-Dichloroethane	<0.410	2.00	0.410	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
1,1-Dichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
1,1-Dichloroethylene	<0.320	2.00	0.320	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
trans-1,2-Dichloroethylene	<0.310	2.00	0.310	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
1,2-Dichloropropane	<0.200	2.00	0.200	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
cis-1,3-Dichloropropene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
trans-1,3-Dichloropropene	<0.230	2.00	0.230	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Ethylbenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Methyl tert-Butyl Ether (MTBE)	<0.250	2.00	0.250	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Methylene Chloride	<0.340	5.00	0.340	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
1,1,2,2-Tetrachloroethane	<0.220	2.00	0.220	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Tetrachloroethylene	<0.180	2.00	0.180	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Toluene	<0.140	1.00	0.140	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
1,1,1-Trichloroethane	<0.200	2.00	0.200	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
1,1,2-Trichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Trichloroethylene	<0.240	2.00	0.240	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Trichlorofluoromethane (Freon 11)	<0.330	2.00	0.330	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
Vinyl Chloride	<0.450	2.00	0.450	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
m+p Xylene	<0.300	2.00	0.300	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD
o-Xylene	<0.170	2.00	0.170	µg/L	1		624.1	12/4/19	12/5/19 6:38	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.4	70-130		12/5/19 6:38
Toluene-d8	100	70-130		12/5/19 6:38
4-Bromofluorobenzene	97.8	70-130		12/5/19 6:38

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Sample Extraction Data

Prep Method: SW-846 5030B-624.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
19K1440-01 [RW-1 (MS/MSD)]	B247549	5	5.00	12/04/19
19K1440-02 [RW-2]	B247549	5	5.00	12/04/19
19K1440-03 [EFF 46 HZ]	B247549	5	5.00	12/04/19
19K1440-04 [Trip Blank]	B247549	5	5.00	12/04/19

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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 B247549 - SW-846 5030B										
Blank (B247549-BLK1)				Prepared: 12/04/19 Analyzed: 12/05/19						
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	*23.9*		µg/L	25.0		95.7	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.3	70-130			
LCS (B247549-BS1)				Prepared: 12/04/19 Analyzed: 12/05/19						
Benzene	20	1.00	µg/L	20.0		97.8	65-135			
Bromodichloromethane	17	2.00	µg/L	20.0		87.1	65-135			
Bromoform	20	2.00	µg/L	20.0		99.2	70-130			
Bromomethane	8.3	2.00	µg/L	20.0		41.3	15-185			
Carbon Tetrachloride	19	2.00	µg/L	20.0		94.8	70-130			
Chlorobenzene	20	2.00	µg/L	20.0		100	65-135			
Chlorodibromomethane	20	2.00	µg/L	20.0		102	70-135			
Chloroethane	21	2.00	µg/L	20.0		104	40-160			
Chloroform	17	2.00	µg/L	20.0		86.8	70-135			
Chloromethane	15	2.00	µg/L	20.0		73.2	20-205			
1,2-Dichlorobenzene	19	2.00	µg/L	20.0		96.3	65-135			
1,3-Dichlorobenzene	19	2.00	µg/L	20.0		93.6	70-130			
1,4-Dichlorobenzene	19	2.00	µg/L	20.0		93.4	65-135			
1,2-Dichloroethane	21	2.00	µg/L	20.0		103	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 B247549 - SW-846 5030B										
LCS (B247549-BS1)				Prepared: 12/04/19 Analyzed: 12/05/19						
1,1-Dichloroethane	23	2.00	µg/L	20.0		115	70-130			
1,1-Dichloroethylene	22	2.00	µg/L	20.0		110	50-150			
trans-1,2-Dichloroethylene	24	2.00	µg/L	20.0		121	70-130			
1,2-Dichloropropane	23	2.00	µg/L	20.0		116	35-165			
cis-1,3-Dichloropropene	18	2.00	µg/L	20.0		88.0	25-175			
trans-1,3-Dichloropropene	17	2.00	µg/L	20.0		83.4	50-150			
Ethylbenzene	19	2.00	µg/L	20.0		94.8	60-140			
Methyl tert-Butyl Ether (MTBE)	20	2.00	µg/L	20.0		100	70-130			
Methylene Chloride	25	5.00	µg/L	20.0		124	60-140			
1,1,2,2-Tetrachloroethane	23	2.00	µg/L	20.0		114	60-140			
Tetrachloroethylene	21	2.00	µg/L	20.0		106	70-130			
Toluene	19	1.00	µg/L	20.0		94.2	70-130			
1,1,1-Trichloroethane	18	2.00	µg/L	20.0		90.2	70-130			
1,1,2-Trichloroethane	21	2.00	µg/L	20.0		105	70-130			
Trichloroethylene	18	2.00	µg/L	20.0		90.0	65-135			
Trichlorofluoromethane (Freon 11)	16	2.00	µg/L	20.0		77.8	50-150			
Vinyl Chloride	20	2.00	µg/L	20.0		99.0	5-195			
m+p Xylene	37	2.00	µg/L	40.0		93.6	70-130			
o-Xylene	19	2.00	µg/L	20.0		94.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*23.4*		µg/L	25.0		93.5	70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100	70-130			
Matrix Spike (B247549-MS1)	**Source: 19K1440-01**			Prepared: 12/04/19 Analyzed: 12/05/19						
Benzene	10	1.00	µg/L	10.0	ND	104	37-151			
Bromodichloromethane	9.0	2.00	µg/L	10.0	ND	89.9	35-155			
Bromoform	10	2.00	µg/L	10.0	ND	100	45-169			
Bromomethane	4.9	2.00	µg/L	10.0	ND	49.1	20-242			
Carbon Tetrachloride	10	2.00	µg/L	10.0	ND	100	70-140			
Chlorobenzene	11	2.00	µg/L	10.0	ND	106	37-160			
Chlorodibromomethane	10	2.00	µg/L	10.0	ND	103	53-149			
Chloroethane	11	2.00	µg/L	10.0	ND	112	14-230			
Chloroform	9.3	2.00	µg/L	10.0	ND	93.0	51-138			
Chloromethane	8.3	2.00	µg/L	10.0	ND	82.8	20-273			
1,2-Dichlorobenzene	10	2.00	µg/L	10.0	ND	101	18-190			
1,3-Dichlorobenzene	10	2.00	µg/L	10.0	ND	99.6	59-156			
1,4-Dichlorobenzene	9.8	2.00	µg/L	10.0	ND	97.5	18-190			
1,2-Dichloroethane	11	2.00	µg/L	10.0	ND	106	49-155			
1,1-Dichloroethane	14	2.00	µg/L	10.0	1.6	120	59-155			
1,1-Dichloroethylene	13	2.00	µg/L	10.0	0.89	121	20-234			
trans-1,2-Dichloroethylene	13	2.00	µg/L	10.0	ND	129	54-156			
1,2-Dichloropropane	12	2.00	µg/L	10.0	ND	121	20-210			
cis-1,3-Dichloropropene	8.4	2.00	µg/L	10.0	ND	83.6	20-227			
trans-1,3-Dichloropropene	7.8	2.00	µg/L	10.0	ND	77.5	17-183			
Ethylbenzene	10	2.00	µg/L	10.0	ND	102	37-162			
Methyl tert-Butyl Ether (MTBE)	10	2.00	µg/L	10.0	ND	101	70-130			
Methylene Chloride	13	5.00	µg/L	10.0	ND	131	20-221			
1,1,2,2-Tetrachloroethane	11	2.00	µg/L	10.0	ND	115	46-157			
Tetrachloroethylene	11	2.00	µg/L	10.0	ND	112	64-148			
Toluene	10	1.00	µg/L	10.0	ND	99.8	47-150			
1,1,1-Trichloroethane	44	2.00	µg/L	10.0	34	105	52-162			
1,1,2-Trichloroethane	11	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 B247549 - SW-846 5030B										
Matrix Spike (B247549-MS1)	**Source: 19K1440-01**			Prepared: 12/04/19 Analyzed: 12/05/19						
Trichloroethylene	9.8	2.00	µg/L	10.0	ND	97.6	70-157			
Trichlorofluoromethane (Freon 11)	8.3	2.00	µg/L	10.0	ND	82.8	17-181			
Vinyl Chloride	11	2.00	µg/L	10.0	ND	111	20-251			
m+p Xylene	20	2.00	µg/L	20.0	ND	100	70-130			
o-Xylene	9.8	2.00	µg/L	10.0	ND	98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	*23.9*		µg/L	25.0		95.6	70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101	70-130			
Matrix Spike Dup (B247549-MSD1)	**Source: 19K1440-01**			Prepared: 12/04/19 Analyzed: 12/05/19						
Benzene	11	1.00	µg/L	10.0	ND	113	37-151	8.65	61	
Bromodichloromethane	9.7	2.00	µg/L	10.0	ND	97.0	35-155	7.60	56	
Bromoform	11	2.00	µg/L	10.0	ND	108	45-169	7.87	42	
Bromomethane	5.6	2.00	µg/L	10.0	ND	55.8	20-242	12.8	61	
Carbon Tetrachloride	11	2.00	µg/L	10.0	ND	111	70-140	9.77	41	
Chlorobenzene	11	2.00	µg/L	10.0	ND	114	37-160	7.00	53	
Chlorodibromomethane	11	2.00	µg/L	10.0	ND	108	53-149	4.46	50	
Chloroethane	11	2.00	µg/L	10.0	ND	115	14-230	2.20	78	
Chloroform	10	2.00	µg/L	10.0	ND	101	51-138	8.35	54	
Chloromethane	9.0	2.00	µg/L	10.0	ND	90.0	20-273	8.33	60	
1,2-Dichlorobenzene	11	2.00	µg/L	10.0	ND	108	18-190	6.03	57	
1,3-Dichlorobenzene	11	2.00	µg/L	10.0	ND	108	59-156	8.28	43	
1,4-Dichlorobenzene	10	2.00	µg/L	10.0	ND	105	18-190	7.03	57	
1,2-Dichloroethane	12	2.00	µg/L	10.0	ND	116	49-155	9.64	49	
1,1-Dichloroethane	15	2.00	µg/L	10.0	1.6	130	59-155	6.82	40	
1,1-Dichloroethylene	14	2.00	µg/L	10.0	0.89	127	20-234	4.22	32	
trans-1,2-Dichloroethylene	14	2.00	µg/L	10.0	ND	137	54-156	5.56	45	
1,2-Dichloropropane	13	2.00	µg/L	10.0	ND	132	20-210	8.31	55	
cis-1,3-Dichloropropene	8.9	2.00	µg/L	10.0	ND	89.1	20-227	6.37	58	
trans-1,3-Dichloropropene	8.4	2.00	µg/L	10.0	ND	84.5	17-183	8.64	86	
Ethylbenzene	11	2.00	µg/L	10.0	ND	109	37-162	6.62	63	
Methyl tert-Butyl Ether (MTBE)	11	2.00	µg/L	10.0	ND	106	70-130	4.93	20	
Methylene Chloride	14	5.00	µg/L	10.0	ND	139	20-221	6.15	28	
1,1,2,2-Tetrachloroethane	12	2.00	µg/L	10.0	ND	124	46-157	7.86	61	
Tetrachloroethylene	12	2.00	µg/L	10.0	ND	122	64-148	8.64	39	
Toluene	11	1.00	µg/L	10.0	ND	108	47-150	8.35	41	
1,1,1-Trichloroethane	45	2.00	µg/L	10.0	34	118	52-162	2.86	36	
1,1,2-Trichloroethane	12	2.00	µg/L	10.0	ND	116	52-150	9.84	45	
Trichloroethylene	10	2.00	µg/L	10.0	ND	101	70-157	3.13	48	
Trichlorofluoromethane (Freon 11)	9.1	2.00	µg/L	10.0	ND	90.8	17-181	9.22	84	
Vinyl Chloride	12	2.00	µg/L	10.0	ND	117	20-251	5.45	66	
m+p Xylene	22	2.00	µg/L	20.0	ND	108	70-130	7.61	20	
o-Xylene	11	2.00	µg/L	10.0	ND	108	70-130	9.02	20	
Surrogate: 1,2-Dichloroethane-d4	*24.1*		µg/L	25.0		96.5	70-130			
Surrogate: Toluene-d8	*25.7*		µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit 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 - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
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	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

19K1440

con-test ANALYTICAL LABORATORY

http://www.contestlabs.com Doc # 380 Rev 1_03242017

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

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: 518-250-7800 / 607-206-6262
Project Name: Gladding Cordage
Project Location: South Otselic
Project Number: 00266906.0000/30001352.00300
Project Manager: J. Wyckoff
Con-Test Quote Name/Number:
Invoice Recipient: J. Wyckoff
Sampled By: L. Whalen

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: 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	Matrix Code	Conc Code	# of Containers	Preservation Code	Container Code
1	RW-1 (MS/MSD)	0840	11/22/19		X	GW		6	H	V
2	RW-2	0850			X			4	H	V
3	EFF 46 HZ	0900			X			4	H	V
4	Trip Blank	-			-			4	H	V

ANALYSIS REQUESTED

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

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

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

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

Comments:

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

Relinquished by: (signature) Lance Whalen	Date/Time: 11/22/19 1158
Received by: (signature)	Date/Time: 9:48
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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FedEx

Welcome to FedEx

RATE & SHIP TRACK LOCATIONS

TRACKING ID
806832458287

TRACK

MULTIPLE TRACKING NUMBERS |
NEED HELP? **(HTTPS://WWW.FEDEX.COM/EN-US/QUICK-HELP/TRACKING/F_QUICKHELP.HTML)**

Delivered
Saturday
11/23/2019
at 9:48 am

DELIVERED

Signed for by: R.PETRAITIS

Add to Watch List

FROM

Brewerton, NY US

TO

E Longmeadow, MA US

SEE FULL DETAILS

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 Aracadis

Received By SA Date 11/23 Time 9:48

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 - 4.5 By Blank # ____ Actual Temp - ____

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? Acid NA Base NA

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:

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December 24, 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: 30001352.00300
Laboratory Work Order Number: 19L0574

Enclosed are results of analyses for samples received by the laboratory on December 13, 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: 12/24/2019

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 30001352.00300

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 19L0574

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)	19L0574-01	Ground Water		624.1	
RW-2	19L0574-02	Ground Water		624.1	
EFF 46 HZ	19L0574-03	Ground Water		624.1	
Trip Blank	19L0574-04	Ground 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: 19L0574

Date Received: 12/13/2019

Field Sample #: RW-1 (MS/MSD) | Sampled: 12/12/2019 09:00

Sample ID: 19L0574-01

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	<0.180	1.00	0.180	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Bromodichloromethane	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Bromoform	<0.460	2.00	0.460	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Bromomethane	<0.780	2.00	0.780	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Carbon Tetrachloride	<0.110	2.00	0.110	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Chlorobenzene	<0.150	2.00	0.150	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Chlorodibromomethane	<0.210	2.00	0.210	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Chloroethane	<0.350	2.00	0.350	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Chloroform	<0.170	2.00	0.170	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Chloromethane	<0.450	2.00	0.450	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
1,2-Dichlorobenzene	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
1,3-Dichlorobenzene	<0.120	2.00	0.120	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
1,4-Dichlorobenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
1,2-Dichloroethane	<0.410	2.00	0.410	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
1,1-Dichloroethane	1.65	2.00	0.160	µg/L	1	J	624.1	12/20/19	12/20/19 13:24	MFF
1,1-Dichloroethylene	0.850	2.00	0.320	µg/L	1	J	624.1	12/20/19	12/20/19 13:24	MFF
trans-1,2-Dichloroethylene	<0.310	2.00	0.310	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
1,2-Dichloropropane	<0.200	2.00	0.200	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
cis-1,3-Dichloropropene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
trans-1,3-Dichloropropene	<0.230	2.00	0.230	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Ethylbenzene	0.130	2.00	0.130	µg/L	1	J	624.1	12/20/19	12/20/19 13:24	MFF
Methyl tert-Butyl Ether (MTBE)	<0.250	2.00	0.250	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Methylene Chloride	<0.340	5.00	0.340	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
1,1,2,2-Tetrachloroethane	<0.220	2.00	0.220	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Tetrachloroethylene	<0.180	2.00	0.180	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Toluene	0.370	1.00	0.140	µg/L	1	J	624.1	12/20/19	12/20/19 13:24	MFF
1,1,1-Trichloroethane	40.7	2.00	0.200	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
1,1,2-Trichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Trichloroethylene	<0.240	2.00	0.240	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Trichlorofluoromethane (Freon 11)	<0.330	2.00	0.330	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
Vinyl Chloride	<0.450	2.00	0.450	µg/L	1		624.1	12/20/19	12/20/19 13:24	MFF
m+p Xylene	0.630	2.00	0.300	µg/L	1	J	624.1	12/20/19	12/20/19 13:24	MFF
o-Xylene	0.210	1.00	0.170	µg/L	1	J	624.1	12/20/19	12/20/19 13:24	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.8	70-130		12/20/19 13:24
Toluene-d8	101	70-130		12/20/19 13:24
4-Bromofluorobenzene	97.6	70-130		12/20/19 13:24

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: 19L0574

Date Received: 12/13/2019

Field Sample #: RW-2 | Sampled: 12/12/2019 09:10

Sample ID: 19L0574-02

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	<0.180	1.00	0.180	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Bromodichloromethane	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Bromoform	<0.460	2.00	0.460	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Bromomethane	<0.780	2.00	0.780	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Carbon Tetrachloride	<0.110	2.00	0.110	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Chlorobenzene	<0.150	2.00	0.150	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Chlorodibromomethane	<0.210	2.00	0.210	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Chloroethane	<0.350	2.00	0.350	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Chloroform	<0.170	2.00	0.170	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Chloromethane	<0.450	2.00	0.450	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
1,2-Dichlorobenzene	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
1,3-Dichlorobenzene	<0.120	2.00	0.120	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
1,4-Dichlorobenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
1,2-Dichloroethane	<0.410	2.00	0.410	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
1,1-Dichloroethane	0.790	2.00	0.160	µg/L	1	J	624.1	12/20/19	12/20/19 13:55	MFF
1,1-Dichloroethylene	0.680	2.00	0.320	µg/L	1	J	624.1	12/20/19	12/20/19 13:55	MFF
trans-1,2-Dichloroethylene	<0.310	2.00	0.310	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
1,2-Dichloropropane	<0.200	2.00	0.200	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
cis-1,3-Dichloropropene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
trans-1,3-Dichloropropene	<0.230	2.00	0.230	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Ethylbenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Methyl tert-Butyl Ether (MTBE)	<0.250	2.00	0.250	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Methylene Chloride	<0.340	5.00	0.340	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
1,1,2,2-Tetrachloroethane	<0.220	2.00	0.220	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Tetrachloroethylene	<0.180	2.00	0.180	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Toluene	<0.140	1.00	0.140	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
1,1,1-Trichloroethane	32.6	2.00	0.200	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
1,1,2-Trichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Trichloroethylene	<0.240	2.00	0.240	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Trichlorofluoromethane (Freon 11)	<0.330	2.00	0.330	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
Vinyl Chloride	<0.450	2.00	0.450	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
m+p Xylene	<0.300	2.00	0.300	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF
o-Xylene	<0.170	1.00	0.170	µg/L	1		624.1	12/20/19	12/20/19 13:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		12/20/19 13:55
Toluene-d8	101	70-130		12/20/19 13:55
4-Bromofluorobenzene	97.6	70-130		12/20/19 13:55

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: 19L0574

Date Received: 12/13/2019

Field Sample #: EFF 46 HZ | Sampled: 12/12/2019 09:15

Sample ID: 19L0574-03

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	<0.180	1.00	0.180	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Bromodichloromethane	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Bromoform	<0.460	2.00	0.460	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Bromomethane	<0.780	2.00	0.780	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Carbon Tetrachloride	<0.110	2.00	0.110	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Chlorobenzene	<0.150	2.00	0.150	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Chlorodibromomethane	<0.210	2.00	0.210	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Chloroethane	<0.350	2.00	0.350	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Chloroform	<0.170	2.00	0.170	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Chloromethane	<0.450	2.00	0.450	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
1,2-Dichlorobenzene	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
1,3-Dichlorobenzene	<0.120	2.00	0.120	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
1,4-Dichlorobenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
1,2-Dichloroethane	<0.410	2.00	0.410	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
1,1-Dichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
1,1-Dichloroethylene	<0.320	2.00	0.320	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
trans-1,2-Dichloroethylene	<0.310	2.00	0.310	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
1,2-Dichloropropane	<0.200	2.00	0.200	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
cis-1,3-Dichloropropene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
trans-1,3-Dichloropropene	<0.230	2.00	0.230	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Ethylbenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Methyl tert-Butyl Ether (MTBE)	<0.250	2.00	0.250	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Methylene Chloride	<0.340	5.00	0.340	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
1,1,2,2-Tetrachloroethane	<0.220	2.00	0.220	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Tetrachloroethylene	<0.180	2.00	0.180	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Toluene	<0.140	1.00	0.140	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
1,1,1-Trichloroethane	<0.200	2.00	0.200	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
1,1,2-Trichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Trichloroethylene	<0.240	2.00	0.240	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Trichlorofluoromethane (Freon 11)	<0.330	2.00	0.330	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
Vinyl Chloride	<0.450	2.00	0.450	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
m+p Xylene	<0.300	2.00	0.300	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF
o-Xylene	<0.170	1.00	0.170	µg/L	1		624.1	12/20/19	12/20/19 12:53	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		12/20/19 12:53
Toluene-d8	102	70-130		12/20/19 12:53
4-Bromofluorobenzene	99.0	70-130		12/20/19 12:53

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: 19L0574

Date Received: 12/13/2019

Field Sample #: Trip Blank | Sampled: 12/12/2019 00:00

Sample ID: 19L0574-04

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	<0.180	1.00	0.180	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Bromodichloromethane	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Bromoform	<0.460	2.00	0.460	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Bromomethane	<0.780	2.00	0.780	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Carbon Tetrachloride	<0.110	2.00	0.110	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Chlorobenzene	<0.150	2.00	0.150	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Chlorodibromomethane	<0.210	2.00	0.210	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Chloroethane	<0.350	2.00	0.350	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Chloroform	<0.170	2.00	0.170	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Chloromethane	<0.450	2.00	0.450	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
1,2-Dichlorobenzene	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
1,3-Dichlorobenzene	<0.120	2.00	0.120	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
1,4-Dichlorobenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
1,2-Dichloroethane	<0.410	2.00	0.410	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
1,1-Dichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
1,1-Dichloroethylene	<0.320	2.00	0.320	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
trans-1,2-Dichloroethylene	<0.310	2.00	0.310	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
1,2-Dichloropropane	<0.200	2.00	0.200	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
cis-1,3-Dichloropropene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
trans-1,3-Dichloropropene	<0.230	2.00	0.230	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Ethylbenzene	<0.130	2.00	0.130	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Methyl tert-Butyl Ether (MTBE)	<0.250	2.00	0.250	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Methylene Chloride	<0.340	5.00	0.340	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
1,1,2,2-Tetrachloroethane	<0.220	2.00	0.220	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Tetrachloroethylene	<0.180	2.00	0.180	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Toluene	<0.140	1.00	0.140	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
1,1,1-Trichloroethane	<0.200	2.00	0.200	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
1,1,2-Trichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Trichloroethylene	<0.240	2.00	0.240	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Trichlorofluoromethane (Freon 11)	<0.330	2.00	0.330	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
Vinyl Chloride	<0.450	2.00	0.450	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
m+p Xylene	<0.300	2.00	0.300	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF
o-Xylene	<0.170	1.00	0.170	µg/L	1		624.1	12/20/19	12/20/19 12:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		12/20/19 12:22
Toluene-d8	101	70-130		12/20/19 12:22
4-Bromofluorobenzene	97.5	70-130		12/20/19 12:22

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
19L0574-01 [RW-1 (MS/MSD)]	B248773	5	5.00	12/20/19
19L0574-02 [RW-2]	B248773	5	5.00	12/20/19
19L0574-03 [EFF 46 HZ]	B248773	5	5.00	12/20/19
19L0574-04 [Trip Blank]	B248773	5	5.00	12/20/19

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B248773 - SW-846 5030B										
Blank (B248773-BLK1)				Prepared & Analyzed: 12/20/19						
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	1.00	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*25.3*		µg/L	25.0		101	70-130			
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.2	70-130			
LCS (B248773-BS1)				Prepared & Analyzed: 12/20/19						
Benzene	22	1.00	µg/L	20.0		111	65-135			
Bromodichloromethane	22	2.00	µg/L	20.0		111	65-135			
Bromoform	20	2.00	µg/L	20.0		102	70-130			
Bromomethane	14	2.00	µg/L	20.0		71.0	15-185			
Carbon Tetrachloride	23	2.00	µg/L	20.0		114	70-130			
Chlorobenzene	21	2.00	µg/L	20.0		103	65-135			
Chlorodibromomethane	22	2.00	µg/L	20.0		112	70-135			
Chloroethane	22	2.00	µg/L	20.0		109	40-160			
Chloroform	20	2.00	µg/L	20.0		101	70-135			
Chloromethane	18	2.00	µg/L	20.0		88.6	20-205			
1,2-Dichlorobenzene	21	2.00	µg/L	20.0		105	65-135			
1,3-Dichlorobenzene	22	2.00	µg/L	20.0		109	70-130			
1,4-Dichlorobenzene	21	2.00	µg/L	20.0		106	65-135			
1,2-Dichloroethane	22	2.00	µg/L	20.0		109	70-130			

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B248773 - SW-846 5030B										
LCS (B248773-BS1)				Prepared & Analyzed: 12/20/19						
1,1-Dichloroethane	25	2.00	µg/L	20.0		125	70-130			
1,1-Dichloroethylene	23	2.00	µg/L	20.0		113	50-150			
trans-1,2-Dichloroethylene	25	2.00	µg/L	20.0		123	70-130			
1,2-Dichloropropane	24	2.00	µg/L	20.0		121	35-165			
cis-1,3-Dichloropropene	23	2.00	µg/L	20.0		114	25-175			
trans-1,3-Dichloropropene	24	2.00	µg/L	20.0		118	50-150			
Ethylbenzene	21	2.00	µg/L	20.0		105	60-140			
Methyl tert-Butyl Ether (MTBE)	23	2.00	µg/L	20.0		114	70-130			
Methylene Chloride	24	5.00	µg/L	20.0		120	60-140			
1,1,2,2-Tetrachloroethane	21	2.00	µg/L	20.0		105	60-140			
Tetrachloroethylene	23	2.00	µg/L	20.0		117	70-130			
Toluene	22	1.00	µg/L	20.0		110	70-130			
1,1,1-Trichloroethane	23	2.00	µg/L	20.0		113	70-130			
1,1,2-Trichloroethane	23	2.00	µg/L	20.0		117	70-130			
Trichloroethylene	23	2.00	µg/L	20.0		113	65-135			
Trichlorofluoromethane (Freon 11)	19	2.00	µg/L	20.0		93.0	50-150			
Vinyl Chloride	22	2.00	µg/L	20.0		111	5-195			
m+p Xylene	40	2.00	µg/L	40.0		101	70-130			
o-Xylene	21	1.00	µg/L	20.0		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.6*		µg/L	25.0		98.4	70-130			
Surrogate: Toluene-d8	*25.7*		µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	*24.3*		µg/L	25.0		97.2	70-130			
Matrix Spike (B248773-MS1)	**Source: 19L0574-01**			Prepared & Analyzed: 12/20/19						
Benzene	11	1.00	µg/L	10.0	ND	114	37-151			
Bromodichloromethane	11	2.00	µg/L	10.0	ND	111	35-155			
Bromoform	9.8	2.00	µg/L	10.0	ND	98.1	45-169			
Bromomethane	9.4	2.00	µg/L	10.0	ND	94.3	20-242			
Carbon Tetrachloride	12	2.00	µg/L	10.0	ND	119	70-140			
Chlorobenzene	10	2.00	µg/L	10.0	ND	101	37-160			
Chlorodibromomethane	11	2.00	µg/L	10.0	ND	110	53-149			
Chloroethane	11	2.00	µg/L	10.0	ND	114	14-230			
Chloroform	10	2.00	µg/L	10.0	ND	104	51-138			
Chloromethane	9.8	2.00	µg/L	10.0	ND	97.8	20-273			
1,2-Dichlorobenzene	10	2.00	µg/L	10.0	ND	102	18-190			
1,3-Dichlorobenzene	11	2.00	µg/L	10.0	ND	106	59-156			
1,4-Dichlorobenzene	10	2.00	µg/L	10.0	ND	103	18-190			
1,2-Dichloroethane	11	2.00	µg/L	10.0	ND	106	49-155			
1,1-Dichloroethane	15	2.00	µg/L	10.0	1.6	130	59-155			
1,1-Dichloroethylene	13	2.00	µg/L	10.0	0.85	118	20-234			
trans-1,2-Dichloroethylene	13	2.00	µg/L	10.0	ND	128	54-156			
1,2-Dichloropropane	12	2.00	µg/L	10.0	ND	122	20-210			
cis-1,3-Dichloropropene	11	2.00	µg/L	10.0	ND	109	20-227			
trans-1,3-Dichloropropene	11	2.00	µg/L	10.0	ND	111	17-183			
Ethylbenzene	10	2.00	µg/L	10.0	0.13	103	37-162			
Methyl tert-Butyl Ether (MTBE)	12	2.00	µg/L	10.0	ND	115	70-130			
Methylene Chloride	12	5.00	µg/L	10.0	ND	123	20-221			
1,1,2,2-Tetrachloroethane	11	2.00	µg/L	10.0	ND	106	46-157			
Tetrachloroethylene	12	2.00	µg/L	10.0	ND	117	64-148			
Toluene	11	1.00	µg/L	10.0	0.37	110	47-150			
1,1,1-Trichloroethane	53	2.00	µg/L	10.0	41	127	52-162			
1,1,2-Trichloroethane	12	2.00	µg/L	10.0	ND	118	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 B248773 - SW-846 5030B										
Matrix Spike (B248773-MS1)	**Source: 19L0574-01**			Prepared & Analyzed: 12/20/19						
Trichloroethylene	12	2.00	µg/L	10.0	ND	116	70-157			
Trichlorofluoromethane (Freon 11)	9.6	2.00	µg/L	10.0	ND	96.4	17-181			
Vinyl Chloride	12	2.00	µg/L	10.0	ND	116	20-251			
m+p Xylene	20	2.00	µg/L	20.0	0.63	98.6	70-130			
o-Xylene	10	1.00	µg/L	10.0	0.21	99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.1	70-130			
Surrogate: Toluene-d8	*25.8*		µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.1	70-130			
Matrix Spike Dup (B248773-MSD1)	**Source: 19L0574-01**			Prepared & Analyzed: 12/20/19						
Benzene	12	1.00	µg/L	10.0	ND	124	37-151	8.75	61	
Bromodichloromethane	12	2.00	µg/L	10.0	ND	116	35-155	4.15	56	
Bromoform	10	2.00	µg/L	10.0	ND	104	45-169	5.93	42	
Bromomethane	11	2.00	µg/L	10.0	ND	107	20-242	12.7	61	
Carbon Tetrachloride	13	2.00	µg/L	10.0	ND	126	70-140	5.70	41	
Chlorobenzene	11	2.00	µg/L	10.0	ND	111	37-160	9.13	53	
Chlorodibromomethane	11	2.00	µg/L	10.0	ND	112	53-149	2.70	50	
Chloroethane	12	2.00	µg/L	10.0	ND	120	14-230	5.23	78	
Chloroform	11	2.00	µg/L	10.0	ND	111	51-138	6.99	54	
Chloromethane	10	2.00	µg/L	10.0	ND	102	20-273	3.71	60	
1,2-Dichlorobenzene	11	2.00	µg/L	10.0	ND	111	18-190	8.75	57	
1,3-Dichlorobenzene	12	2.00	µg/L	10.0	ND	115	59-156	8.69	43	
1,4-Dichlorobenzene	11	2.00	µg/L	10.0	ND	112	18-190	8.12	57	
1,2-Dichloroethane	11	2.00	µg/L	10.0	ND	112	49-155	5.15	49	
1,1-Dichloroethane	15	2.00	µg/L	10.0	1.6	138	59-155	5.44	40	
1,1-Dichloroethylene	14	2.00	µg/L	10.0	0.85	129	20-234	8.08	32	
trans-1,2-Dichloroethylene	14	2.00	µg/L	10.0	ND	139	54-156	8.15	45	
1,2-Dichloropropane	13	2.00	µg/L	10.0	ND	128	20-210	4.00	55	
cis-1,3-Dichloropropene	12	2.00	µg/L	10.0	ND	117	20-227	7.16	58	
trans-1,3-Dichloropropene	12	2.00	µg/L	10.0	ND	117	17-183	5.07	86	
Ethylbenzene	11	2.00	µg/L	10.0	0.13	112	37-162	8.30	63	
Methyl tert-Butyl Ether (MTBE)	12	2.00	µg/L	10.0	ND	122	70-130	5.97	20	
Methylene Chloride	13	5.00	µg/L	10.0	ND	132	20-221	7.22	28	
1,1,2,2-Tetrachloroethane	11	2.00	µg/L	10.0	ND	111	46-157	4.42	61	
Tetrachloroethylene	12	2.00	µg/L	10.0	ND	122	64-148	3.85	39	
Toluene	12	1.00	µg/L	10.0	0.37	117	47-150	5.98	41	
1,1,1-Trichloroethane	54	2.00	µg/L	10.0	41	134	52-162	1.28	36	
1,1,2-Trichloroethane	12	2.00	µg/L	10.0	ND	119	52-150	0.931	45	
Trichloroethylene	12	2.00	µg/L	10.0	ND	122	70-157	4.89	48	
Trichlorofluoromethane (Freon 11)	11	2.00	µg/L	10.0	ND	107	17-181	10.2	84	
Vinyl Chloride	12	2.00	µg/L	10.0	ND	124	20-251	6.61	66	
m+p Xylene	22	2.00	µg/L	20.0	0.63	108	70-130	8.43	20	
o-Xylene	11	1.00	µg/L	10.0	0.21	107	70-130	7.68	20	
Surrogate: 1,2-Dichloroethane-d4	*24.4*		µg/L	25.0		97.6	70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.0	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

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
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	12/31/2020
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	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

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

19105 79

http://www.contestlabs.com Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

39 Spruce Street
East Longmeadow, MA 01028

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:	30001352.00300
Project Manager:	J. Wyckoff
Con-Test Quote Name/Number:	
Invoice Recipient:	J. Wyckoff
Sampled By:	L. Whalen

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: 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	624											# of Containers	[2] Preservation Code	[3] Container Code
1	RW-1 (MS/MSD)	0900	12/12/19		X	GW		X											17	H	V
2	RW-2	0910	↓		X	↓		X													
3	EFF 46 HZ	0915	↓		X	↓		X													
4	Trip Blank	-			-	-		X													

ANALYSIS REQUESTED

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

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

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

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

Comments:

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

Relinquished by: (signature) L. D. Whalen	Date/Time: 12/12/19 1130
Received by: (signature)	Date/Time: 12/13/19 0939
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

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

Other:

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

806832458460

Delivered
Friday 12/13/2019 at 9:39 am

DELIVERED

Signed for by: A.ANTHONY

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM	TO
Brewerton, NY US	EAST LONGMEADOW, MA US

Shipment Facts

TRACKING NUMBER
806832458460

SERVICE
FedEx Priority Overnight

WEIGHT
13 lbs / 5.9 kgs

DIMENSIONS
14x12x11 in.

DELIVERED TO
Shipping/Receiving

TOTAL PIECES
1

TOTAL SHIPMENT WEIGHT
13 lbs / 5.9 kgs

TERMS
Third Party

PACKAGING
Your Packaging

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

STANDARD TRANSIT
12/13/2019 by 10:30 am

SHIP DATE
Thu 12/12/2019

ACTUAL DELIVERY
Fri 12/13/2019 9:39 am

Travel History

Local Scan Time

Friday , 12/13/2019

9:39 am	EAST LONGMEADOW, MA	Delivered
7:09 am	WINDSOR LOCKS, CT	On FedEx vehicle for delivery
7:00 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 12/13/17 Time 939

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 - 5.8

By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? T Were Samples Tampered with? F

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

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

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

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? 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:

Arcadis U.S., Inc.

855 Route 146

Suite 210

Clifton Park, New York 12065

Tel 518 250 7300

Fax 518 371 2757

www.arcadis.com