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

GLADDING CORDAGE SITE QUARTERLY REPORT

SITE 7-09-009

Third Quarter 2018

November 2018

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Third Quarter 2018

Prepared for:

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ACRONYMS AND ABBREVIATIONS

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

1 INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) has issued a Work Assignment (# D007618-9) to Arcadis CE, Inc. (Arcadis) for Operation, Maintenance, and Monitoring at the Gladding Cordage Site (Site # 7-09-009). This Quarterly Report has been prepared in accordance with the NYSDEC-approved Work Plan to summarize third quarter 2018 site activities.

2 SITE DESCRIPTION

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

3 OPERATION AND MAINTENANCE

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

3.1 Treatment Plant Upgrades

3.1.1 Variable Frequency Drive

A variable frequency drive (VFD) was installed on January 9, 2008 to regulate the speed of the air stripper blower motor for reduced energy usage. Following the installation of the VFD, effluent samples were collected at various blower motor frequencies (speeds) to evaluate the minimum blower frequency required for the treatment plant to effectively treat groundwater extracted from the source area. Additional sampling was conducted again in February 2008 to further optimize the air stripper blower speed. Based on the results, the VFD setting was reduced to 42 hertz (HZ) beginning in March 2008. However, based on the detection of low-level volatile organic compounds (VOCs) in effluent samples from the treatment system, the VFD setting was subsequently increased to 46 HZ in September 2010 and was maintained at that frequency until November 19, 2014.

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

3.1.2 Treatment Plant Controls

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

outputs on a daily basis. If input and/or output device values exceed the defined operating parameters, an alarm condition is set and the corresponding alarm information is sent via facsimile to the system user (i.e. Arcadis).

3.1.3 Geothermal Heat Exchanger

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

3.2   Treatment Plant Operation

As shown on PLC facsimile reports (Appendix A) and O&M Checklist and Operation Logs (Appendix B), the Gladding Cordage groundwater treatment system shut down in July and August due to power interruptions, resulting in system runtimes of 63 percent in July and 52 percent in August. After each power failure, the system was restarted remotely. In September 2018, the system operated without interruption.

The average monthly flow rates and total flow volumes for the third quarter 2018 operating period are summarized in Table 3-1. As shown in Table 3-1, the average flow rate from recovery well RW-1 was 12.5 gallons per minute (GPM). However, the flow transmitter for RW-1 has stopped working and will need to be replaced. Therefore, the flow total from RW-1 is greater than the values reported by the PLC. The average flow from RW-2 was approximately 24 GPM. Based on the total flow values, approximately 2.5 million gallons of water were treated and discharged to the Otselic River between July and September 2018. However, the actual treated volume is likely greater, but is being diminished by the lower flow meter readings from RW-1.

3.3   Treatment System Sampling

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

3.3.1 Influent Sample Results

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

Table 3-2 and Figure 3-1 show that the concentrations of 1,1,1-TCA in samples from recovery well RW-1 were measured at 42 micrograms per liter (ug/L) in July 2018, 45 ug/L in August 2018, and 47 (µg/L) in September 2018. The concentrations of 1,1,1-TCA for recovery well RW-2 were measured at 49 ug/L (July 2018), 51 ug/L (August 2018), and 43 µg/L (September 2018), which is consistent with the second

quarter 2018 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 third quarter 2018 samples from recovery wells RW-1 and RW-2. Consistent with previous results, the concentrations of these compounds were below the respective NYSDEC Class GA standard of 5 μg/L.

3.3.2 Effluent Sample Results

Table 3-4 summarizes laboratory analytical data for effluent samples collected from the treatment system. As shown in Table 3-4, no VOCs were detected in the third quarter 2018 effluent samples.

Based on influent sample concentrations and total flow volumes from the Gladding Cordage treatment system, approximately 1 pound of VOCs were removed by the treatment system during the third quarter 2018.

4 GROUNDWATER MONITORING PROGRAM

Groundwater samples are collected on a five-quarter sampling interval in accordance with the SMP. Groundwater sampling was conducted October 24th and 25th, 2017 to provide information on groundwater quality, monitor contaminant migration in groundwater, and assess hydrogeologic site conditions, including groundwater flow. In October 2017 at the request of NYSDEC, groundwater samples were also analyzed for Perfluorinated Alkyl Substances (PFAS) by USEPA Method 537 Modified, and 1,4-Dioxane by USEPA Method 8260 SIM. Since PDBs are not appropriate for the collection of samples for analysis of PFAS, passive diffusion bag (PDBs) were not used during the fourth quarter 2017 sampling event. Samples were collected from monitoring wells using a peristaltic pump and dedicated PFAS-free sample tubing in accordance with USEPA low-flow sampling techniques. The next groundwater sampling event is scheduled to occur during the first quarter 2019.

5 RECOMMENDATIONS

Based on the data presented herein, there are no recommended changes to the operation of the treatment plant. The recovery well RW-1 flow transmitter will be repaired pending NYSDEC budget approval.

6 SUMMARY

The Gladding Cordage groundwater treatment system was shut down in July and August due to power interruptions. In September, the treatment system operated without interruption. The average total flow through the treatment system during the third quarter 2018 was approximately 22 GPM. However, due to a faulty flow meter for RW-1, the total flow through the treatment system for this timeframe is likely under-reported.

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

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

The treatment successfully removes VOCs from groundwater extracted from the capture zone at the current VFD setting of 46 Hz. The VFD setting will continue to be evaluated based on system monitoring results.

Approximately 1 pound of VOCs were removed by the treatment system during the third quarter 2018. However, the VOC removal mass is likely to be greater since the flow meter for RW-1 is not functioning properly.

Based on the current five-quarter sampling interval, the next groundwater monitoring event is scheduled to occur during the first quarter 2019.

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-18	31	100%	100%	100%	18	24.2	60,433,982	58,414,531	747,042	999,814	1,746,856	
February-18	23	82%	100%	100%	19.3	23.7	61,058,149	59,201,714	624,167	787,183	1,411,350	4,833,473
March-18	29	94%	100%	100%	18.9	24	61,800,025	60,135,105	741,876	933,391	1,675,267	
April-18	4	13%	4%	4%	19	23.5	62,019,377	60,410,372	219,352	275,267	494,619	
May-18	0	0%	0%	0%	19.1	23.6	62,365,293	60,849,209	345,916	438,837	784,753	1,458,414
June-18	4	13%	4%	4%	18.3	23.5	62,442,457	60,951,087	77,164	101,878	179,042	
July-18	19	63%	100%	100%	17.8	23.6	62,731,304	61,333,323	288,847	382,236	671,083	
August-18	16	52%	100%	100%	19.6	23.9	63,023,435	61,929,590	292,131	596,267	888,398	2,459,243
September-18	30	100%	100%	100%	0	24.6	63,023,435	62,829,352	0	899,762	899,762	
Total Flow 2018					16.7	23.84			3,336,495	5,414,635	8,751,130	

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 7/31/2017 WATER ug/L	RW-1 8/28/2017 WATER ug/L	RW-1 9/20/2017 WATER ug/L	RW-1 10/23/2017 WATER ug/L	RW-1 10/25/2017 WATER ug/L	RW-1 10/26/2017 WATER ug/L	RW-1 11/28/2017 WATER ug/L	RW-1 12/29/2017 WATER ug/L	RW-1 1/29/2018 WATER ug/L	RW-1 2/26/2018 WATER ug/L	RW-1 3/29/2018 WATER ug/L	RW-1 6/22/2018 WATER ug/L	RW-1 7/29/2018 WATER ug/L	RW-1 8/27/2018 WATER ug/L	RW-1 9/27/2018 WATER ug/L
VOCs																
1,1,1-Trichloroethane	5	30	41	39	34	37	37	38	41	38	40	37	41	42 J	45	47
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2.0 U	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 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	1.4 J	1.8 J	1.6 J	1.6 J	1.8 J	1.8 J	1.9 J	1.7 J	1.5 J	1.6 J	1.3 J	1.9 J	1.7 J	1.8 J	1.6 J
1,1-Dichloroethene	5	0.77 J	0.98 J	0.83 J	0.74 J	0.74 J	0.74 J	0.98 J	0.97 J	0.84 J	0.87 J	0.77 J	0.85 J	0.79 J	1.0 J	0.99 J
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2.0 U	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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	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 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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	2.0 U	5.0 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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	2.0 U	2.0 U	2.0 UR-06	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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	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 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 U	2.0 U	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 U	2.0 U	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 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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	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 U	2.0 U	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		32.2	43.8	41.4	36.3	39.5	39.5	40.9	43.7	40.3	42.5	39.1	43.8	44.5	47.8	49.6

■ (yellow) - Concentration exceeds corresponding Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

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

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	RW-2 7/31/2017 WATER ug/L	RW-2 8/28/2017 WATER ug/L	RW-2 9/20/2017 WATER ug/L	RW-2 10/23/2017 WATER ug/L	RW-2 10/25/2017 WATER ug/L	RW-2 11/28/2017 WATER ug/L	RW-2 12/29/2017 WATER ug/L	RW-2 1/29/2018 WATER ug/L	RW-2 2/27/2018 WATER ug/L	RW-2 3/29/2018 WATER ug/L	RW-2 6/22/2018 WATER ug/L	RW-2 7/29/2018 WATER ug/L	RW-2 8/27/2018 WATER ug/L	RW-2 9/27/2018 WATER ug/L
VOCs															
1,1,1-Trichloroethane	5	25	41	32	28	36	30	32	30	32	29	50	49	51	43
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	0.64 J	1.0 J	0.72 J	0.66 J	0.9 J	0.82 J	0.71 J	0.63 J	0.73 J	0.64 J	1.4 J	1.3 J	1.3 J	0.92 J
1,1-Dichloroethene	5	0.65 J	0.92 J	0.61 J	0.6 J	0.8 J	0.66 J	0.72 J	0.61 J	0.67 J	0.57 J	1.2 J	0.93 J	1.1 J	0.92 J
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	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	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		26.3	42.9	33.3	29.3	37.7	31.5	33.4	31.2	33.4	30.2	52.6	51.2	53.4	44.8

- Concentration exceeds corresponding NYSDEC
  Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

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

Sample ID / Sampling Date / Matrix / Units	NYSDEC GA Standard ug/L	EFF(46HZ) 7/31/2017 WATER ug/L	EFF(46HZ) 8/28/2017 WATER ug/L	EFF(46HZ) 9/20/2017 WATER ug/L	EFF(46HZ) 10/23/2017 WATER ug/L	EFF(46HZ) 10/25/2017 WATER ug/L	EFF(46HZ) 11/28/2017 WATER ug/L	EFF(46HZ) 12/29/2017 WATER ug/L	EFF(46HZ) 1/29/2018 WATER ug/L	EFF(46HZ) 1/30/2018 WATER ug/L	EFF(46HZ) 2/26/2018 WATER ug/L	EFF(46HZ) 3/29/2018 WATER ug/L	EFF(46HZ) 6/22/2018 WATER ug/L	EFF(46HZ) 7/29/2018 WATER ug/L	EFF(46HZ) 8/28/2018 WATER ug/L	EFF(46HZ) 9/27/2018 WATER ug/L
VOCs																
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	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	5.0 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	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	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	NA	NA	NA	NA	NA	NA	NA
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes

U - Not detected at the indicated concentration.

J - Estimated concentration.

FIGURES

GLADDING CORDAGE SITE

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

0 ⟺ 2,000 ft

G:\PROJECT\00266406.0000\Reports\Figure 2-1.pptx
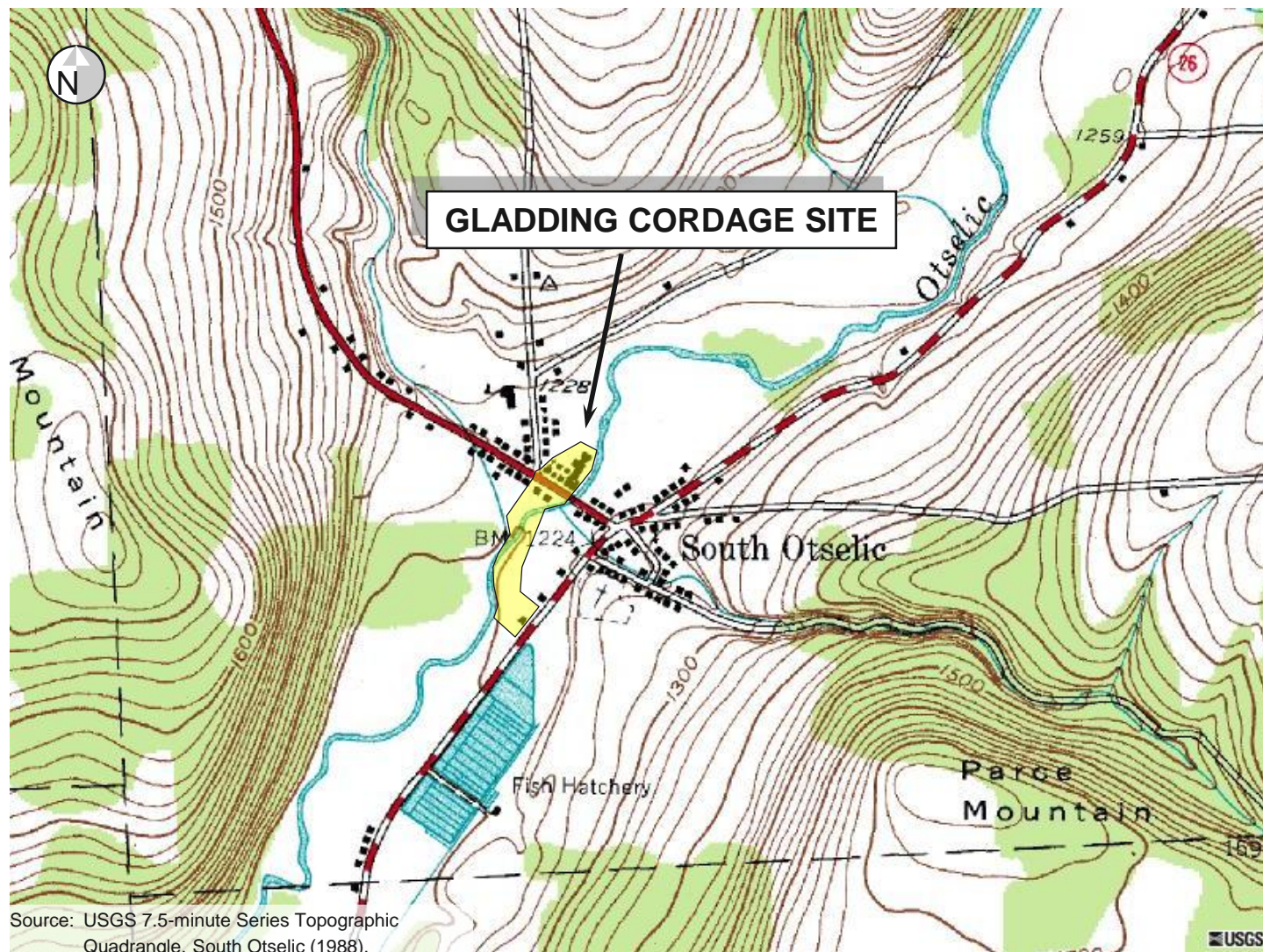
Figure 3-1
Treatment System Influent Sample Concentrations (1,1,1-TCA)
Gladding Cordage Site
NYSDEC Site Number 7-09-009
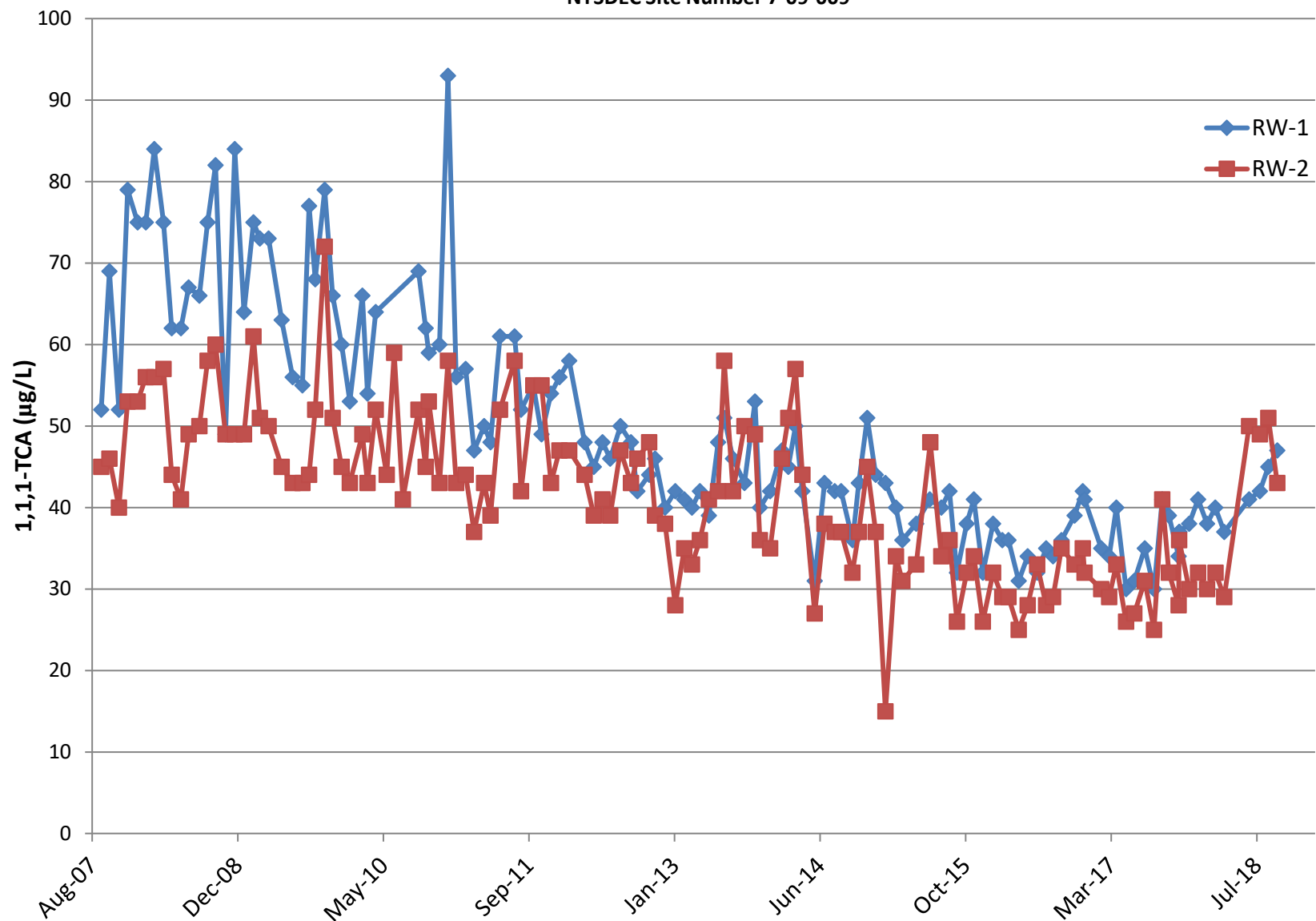
APPENDIX A

PLC Facsimile Reports

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/01/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 17.2	GPM	TOTAL FLOW is	62468087	GAL			
W2_FLO is 23.5	GPM	TOTAL FLOW is	60985027	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	683487	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 4.52	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 28.80	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 54.71	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 3.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 64.3	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/02/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO   P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

```
W1_FLO is 18.0     GPM   TOTAL FLOW is   62493671   GAL
W2_FLO is 23.5     GPM   TOTAL FLOW is   61018981   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   683877     GAL
HP_PRS is 1.2      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 28.72    FT    LIMITS are  L: 8.00     FT       H: 28.00      FT
W2_LVL is 54.65    FT    LIMITS are  L: 9.00     FT       H: 52.00      FT
W1_PRS is 4.0      PSI   LIMITS are  L: 0.5      PSI      H: 100.0      PSI
W2_PRS is 2.9      PSI   LIMITS are  L: 0.5      PSI      H: 100.0      PSI
INTEMP is 64.2     DEG   LIMITS are  L: 42.0     DEG      H: 130.0      DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/03/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO   P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 17.7	GPM	TOTAL FLOW is	62519259	GAL			
W2_FLO is 23.5	GPM	TOTAL FLOW is	61052958	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	684102	GAL			
HP_PRS is 1.2	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 4.48	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 29.52	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 55.28	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 3.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 2.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 65.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/04/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 17.8	GPM	TOTAL FLOW is	62544879	GAL		
W2_FLO is 24.2	GPM	TOTAL FLOW is	61086984	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	684334	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 4.57	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is 29.41	FT	LIMITS are L: 8.00	FT	H: 28.00	FT	
W2_LVL is 55.05	FT	LIMITS are L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.0	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 2.3	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 62.5	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/05/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO   P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 17.5	GPM	TOTAL FLOW is	62570417	GAL		
W2_FLO is 23.7	GPM	TOTAL FLOW is	61120980	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	684605	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 4.51	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 29.15	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 54.84	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 3.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 2.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 64.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/06/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 17.5	GPM	TOTAL FLOW is	62595898	GAL			
W2_FLO is 23.5	GPM	TOTAL FLOW is	61154941	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	684775	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 4.54	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 28.85	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 54.79	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 3.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 1.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 66.9	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/07/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 18.1	GPM	TOTAL FLOW is	62621406	GAL			
W2_FLO is 23.5	GPM	TOTAL FLOW is	61188917	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	684775	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 4.58	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 29.06	FT	LIMITS are L:	8.00	FT	H: 28.00	FT	
W2_LVL is 54.73	FT	LIMITS are L:	9.00	FT	H: 52.00	FT	
W1_PRS is 4.0	PSI	LIMITS are L:	0.5	PSI	H: 100.0	PSI	
W2_PRS is 1.9	PSI	LIMITS are L:	0.5	PSI	H: 100.0	PSI	
INTEMP is 58.3	DEG	LIMITS are L:	42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT MAN

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/08/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO   P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

```
W1_FLO is 17.9    GPM   TOTAL FLOW is   62646908   GAL
W2_FLO is 23.7    GPM   TOTAL FLOW is   61222861   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   684847     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 4.53    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 29.04   FT    LIMITS are  L: 8.00    FT       H: 28.00    FT
W2_LVL is 54.65   FT    LIMITS are  L: 9.00    FT       H: 52.00    FT
W1_PRS is 4.0     PSI   LIMITS are  L: 0.5     PSI      H: 100.0    PSI
W2_PRS is 2.9     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+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/09/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 18.0	GPM	TOTAL FLOW is	62672413	GAL		
W2_FLO is 23.8	GPM	TOTAL FLOW is	61256790	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	684980	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 4.58	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is 28.99	FT	LIMITS are L: 8.00	FT	H: 28.00	FT	
W2_LVL is 54.75	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 3.3	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+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/21/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

```
W1_GO  is OFF          W2_GO  is OFF          ASB_GO is OFF          SMP_GO is OFF
AIR_HH is OFF          ASMPHH is OFF          ASMPLL is OFF          W1_ALM is 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  62682589    GAL
W2_FLO is 0.0       GPM    TOTAL FLOW is  61270337    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  684980     GAL
HP_PRS is 1.1       PSI    LIMITS are  L: -2.0     PSI      H: 20.0      PSI
HP_AMP is 0.10      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 30.87     FT     LIMITS are  L: 8.00     FT       H: 28.00     FT
W2_LVL is 56.34     FT     LIMITS are  L: 9.00     FT       H: 52.00     FT
W1_PRS is 0.0       PSI    LIMITS are  L: 0.5      PSI      H: 100.0     PSI
W2_PRS is 0.0       PSI    LIMITS are  L: 0.5      PSI      H: 100.0     PSI
INTEMP is 67.7      DEG    LIMITS are  L: 42.0     DEG      H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD     0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/22/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

```
W1_GO  is OFF         W2_GO  is OFF         ASB_GO is OFF         SMP_GO is OFF
AIR_HH is OFF         ASMPHH is OFF         ASMPLL is OFF         W1_ALM is 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   62682589   GAL
W2_FLO is 0.0      GPM   TOTAL FLOW is   61270337   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   684980     GAL
HP_PRS is 1.0      PSI   LIMITS are  L: -2.0     PSI      H: 20.0       PSI
HP_AMP is 0.10     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 30.51    FT    LIMITS are  L: 8.00     FT       H: 28.00      FT
W2_LVL is 56.23    FT    LIMITS are  L: 9.00     FT       H: 52.00      FT
W1_PRS is 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 71.3     DEG   LIMITS are  L: 42.0     DEG      H: 130.0      DEG
```

Analog Outputs:

```
ASBSPD     0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/23/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

```
W1_GO  is OFF          W2_GO  is OFF          ASB_GO is OFF          SMP_GO is OFF
AIR_HH is OFF          ASMPHH is OFF          ASMPLL is OFF          W1_ALM is 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   62682589   GAL
W2_FLO is 0.0      GPM    TOTAL FLOW is   61270337   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   684980    GAL
HP_PRS is 0.9      PSI    LIMITS are  L: -2.0     PSI       H: 20.0      PSI
HP_AMP is 0.98     AMP    LIMITS are  L: 0.00     AMP       H: .....     AMP
W1_AMP is 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 30.79    FT     LIMITS are  L: 8.00     FT        H: 28.00     FT
W2_LVL is 56.23    FT     LIMITS are  L: 9.00     FT        H: 52.00     FT
W1_PRS is 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 74.0     DEG    LIMITS are  L: 42.0     DEG       H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD     0.0 PCT   MAN
```

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/24/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is 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	62682589	GAL			
W2_FLO is 0.0	GPM	TOTAL FLOW is	61270337	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	684980	GAL			
HP_PRS is 0.9	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is 0.97	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 30.82	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 56.17	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 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 76.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/25/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

```
W1_GO  is OFF        W2_GO  is OFF        ASB_GO is OFF        SMP_GO is OFF
AIR_HH is OFF        ASMPHH is OFF        ASMPLL is OFF        W1_ALM is 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   62682589   GAL
W2_FLO is 0.0      GPM   TOTAL FLOW is   61270337   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   684980     GAL
HP_PRS is 0.9      PSI   LIMITS are  L: -2.0     PSI      H: 20.0      PSI
HP_AMP is 0.98     AMP   LIMITS are  L: 0.00     AMP      H: .....     AMP
W1_AMP is 0.01     AMP   LIMITS are  L: 0.00     AMP      H: 10.00     AMP
W2_AMP is 0.00     AMP   LIMITS are  L: 0.00     AMP      H: 10.00     AMP
W1_LVL is 31.44    FT    LIMITS are  L: 8.00     FT       H: 28.00     FT
W2_LVL is 56.99    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 75.8     DEG   LIMITS are  L: 42.0     DEG      H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/26/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is 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	62682589	GAL			
W2_FLO is 0.0	GPM	TOTAL FLOW is	61270337	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	684980	GAL			
HP_PRS is 0.9	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is 0.98	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is 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 31.62	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 57.31	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 74.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/27/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is 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	62682589	GAL		
W2_FLO is 0.0	GPM	TOTAL FLOW is	61270337	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	684980	GAL		
HP_PRS is 0.9	PSI	LIMITS are L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is 0.98	AMP	LIMITS are L: 0.00	AMP	H:	AMP	
W1_AMP is 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 31.37	FT	LIMITS are L: 8.00	FT	H: 28.00	FT	
W2_LVL is 57.01	FT	LIMITS are L: 9.00	FT	H: 52.00	FT	
W1_PRS is 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 74.4	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/28/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

```
W1_GO  is OFF        W2_GO  is OFF        ASB_GO is OFF        SMP_GO is OFF
AIR_HH is OFF        ASMPHH is OFF        ASMPLL is OFF        W1_ALM is 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   62682589   GAL
W2_FLO is 0.0      GPM   TOTAL FLOW is   61270337   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   684980     GAL
HP_PRS is 0.9      PSI   LIMITS are  L: -2.0     PSI      H: 20.0      PSI
HP_AMP is 0.98     AMP   LIMITS are  L: 0.00     AMP      H: .....     AMP
W1_AMP is 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 31.31    FT    LIMITS are  L: 8.00     FT       H: 28.00     FT
W2_LVL is 56.89    FT    LIMITS are  L: 9.00     FT       H: 52.00     FT
W1_PRS is 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 73.4     DEG   LIMITS are  L: 42.0     DEG      H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD     0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/29/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is 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	62682589	GAL		
W2_FLO is 0.0	GPM	TOTAL FLOW is	61270337	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	684980	GAL		
HP_PRS is 0.9	PSI	LIMITS are L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is 1.03	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 31.45	FT	LIMITS are L: 8.00	FT	H: 28.00	FT	
W2_LVL is 56.89	FT	LIMITS are L: 9.00	FT	H: 52.00	FT	
W1_PRS is 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 71.4	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/30/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 17.8	GPM	TOTAL FLOW is	62705022	GAL			
W2_FLO is 23.6	GPM	TOTAL FLOW is	61299322	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	685247	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 4.48	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 29.22	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 55.24	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 63.2	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD   0.0 PCT MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 07/31/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO   P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 17.8	GPM	TOTAL FLOW is	62731304	GAL				
W2_FLO is 23.6	GPM	TOTAL FLOW is	61333323	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	685247	GAL				
HP_PRS is 1.2	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 4.49	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 29.10	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 4.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 64.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/01/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 18.3	GPM	TOTAL FLOW is	62757500	GAL			
W2_FLO is 23.8	GPM	TOTAL FLOW is	61367247	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	685247	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 4.51	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 28.91	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 4.0	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

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/02/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 18.3	GPM	TOTAL FLOW is	62783612	GAL			
W2_FLO is 23.6	GPM	TOTAL FLOW is	61401147	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	685247	GAL			
HP_PRS is 1.2	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 4.45	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 28.93	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 55.01	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 3.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 66.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/03/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

```
W1_FLO is 18.0     GPM    TOTAL FLOW is   62809678   GAL
W2_FLO is 23.4     GPM    TOTAL FLOW is   61435054   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   685267     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 29.01    FT     LIMITS are  L: 8.00     FT       H: 28.00      FT
W2_LVL is 54.96    FT     LIMITS are  L: 9.00     FT       H: 52.00      FT
W1_PRS is 4.0      PSI    LIMITS are  L: 0.5      PSI      H: 100.0      PSI
W2_PRS is 3.1      PSI    LIMITS are  L: 0.5      PSI      H: 100.0      PSI
INTEMP is 65.3     DEG    LIMITS are  L: 42.0     DEG      H: 130.0      DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/04/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

```
W1_FLO is 18.0     GPM    TOTAL FLOW is   62835716   GAL
W2_FLO is 23.6     GPM    TOTAL FLOW is   61468950   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   685267     GAL
HP_PRS is 1.2      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 4.51     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 29.02    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 3.9      PSI    LIMITS are  L: 0.5     PSI      H: 100.0     PSI
W2_PRS is 2.4      PSI    LIMITS are  L: 0.5     PSI      H: 100.0     PSI
INTEMP is 65.3     DEG    LIMITS are  L: 42.0    DEG      H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/06/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 18.0	GPM	TOTAL FLOW is	62887670	GAL		
W2_FLO is 23.4	GPM	TOTAL FLOW is	61536716	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	685655	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 4.46	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 28.94	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 4.0	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 2.1	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 63.7	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/07/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

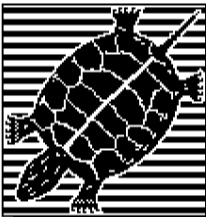|			
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 17.9	GPM	TOTAL FLOW is	62913510	GAL			
W2_FLO is 23.2	GPM	TOTAL FLOW is	61570562	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	685892	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 4.57	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is 28.74	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 54.77	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 1.9	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 08/08/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

```
W1_FLO is 18.3      GPM   TOTAL FLOW is   62939336   GAL
W2_FLO is 23.6      GPM   TOTAL FLOW is   61604390   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   685944     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 4.48      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 28.62     FT    LIMITS are  L: 8.00     FT      H: 28.00     FT
W2_LVL is 54.75     FT    LIMITS are  L: 9.00     FT      H: 52.00     FT
W1_PRS is 3.8       PSI   LIMITS are  L: 0.5      PSI     H: 100.0     PSI
W2_PRS is 1.3       PSI   LIMITS are  L: 0.5      PSI     H: 100.0     PSI
INTEMP is 66.0      DEG   LIMITS are  L: 42.0     DEG     H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/09/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

```
W1_FLO is 18.1     GPM   TOTAL FLOW is  62965330   GAL
W2_FLO is 23.2     GPM   TOTAL FLOW is  61638208   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  685944    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 28.71    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 3.7      PSI   LIMITS are  L: 0.5     PSI     H: 100.0     PSI
W2_PRS is 0.9      PSI   LIMITS are  L: 0.5     PSI     H: 100.0     PSI
INTEMP is 65.8     DEG   LIMITS are  L: 42.0    DEG     H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/10/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P36 :   LAST SHUTDOWN @ 12:35:48 ON 03/10/2018 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 18.2	GPM	TOTAL FLOW is	62991388	GAL			
W2_FLO is 23.5	GPM	TOTAL FLOW is	61672024	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	685974	GAL			
HP_PRS is 1.2	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 4.49	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 28.73	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 54.90	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 0.8	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

ALARM Fax Report

EOS Research Ltd.   ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 12:01:44 ON 08/15/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 BY ASBVFD
               FAX REPORT INITIATED BY PROCESS 20

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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL			
W2_FLO is 24.1	GPM	TOTAL FLOW is	61715690	GAL			
ASBPRS is 9.4	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is 2.46	GPM	TOTAL FLOW is	686031	GAL			
HP_PRS is 9.7	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is 4.35	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is 4.47	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is 4.50	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is 31.47	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 57.35	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 3.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 76.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd.　　　　　　**ProControl Series II+**

To:
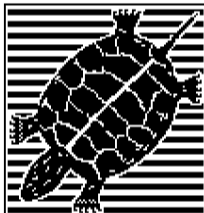
JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 12:06:00 ON 08/15/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0     GPM    TOTAL FLOW is   63023435   GAL
W2_FLO is 23.7    GPM    TOTAL FLOW is   61715790   GAL
ASBPRS is 9.8     IWC    LIMITS are  L:  5.0      IWC    H: 30.0       IWC
HP_FLO is 2.47    GPM    TOTAL FLOW is   686042     GAL
HP_PRS is 9.6     PSI    LIMITS are  L: -2.0      PSI    H: 20.0       PSI
HP_AMP is 4.32    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 4.50    AMP    LIMITS are  L:  0.00     AMP    H: 10.00      AMP
W1_LVL is 31.21   FT     LIMITS are  L:  8.00     FT     H: 28.00      FT
W2_LVL is 57.27   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 3.9     PSI    LIMITS are  L:  0.5      PSI    H: 100.0      PSI
INTEMP is 75.8    DEG    LIMITS are  L:  42.0     DEG    H: 130.0      DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/16/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0      GPM    TOTAL FLOW is   63023435   GAL
W2_FLO is 23.1     GPM    TOTAL FLOW is   61741126   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   686322     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 4.52     AMP    LIMITS are  L: 0.00     AMP      H: 10.00     AMP
W2_AMP is 4.55     AMP    LIMITS are  L: 0.00     AMP      H: 10.00     AMP
W1_LVL is 30.73    FT     LIMITS are  L: 8.00     FT       H: 28.00     FT
W2_LVL is 56.78    FT     LIMITS are  L: 9.00     FT       H: 52.00     FT
W1_PRS is 4.3      PSI    LIMITS are  L: 0.5      PSI      H: 100.0     PSI
W2_PRS is 3.4      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 08/17/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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:

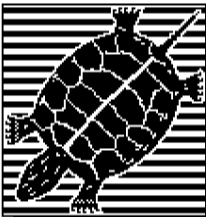|			
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is ON
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	63023435	GAL				
W2_FLO is 23.9	GPM	TOTAL FLOW is	61775149	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	686478	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 4.53	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 30.33	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 56.34	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.2	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 65.2	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD   0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. **ProControl Series II+**

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 09:02:34 ON 08/27/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 BY ASBVFD
               FAX REPORT INITIATED BY PROCESS 20

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 ON
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 0.0      GPM   TOTAL FLOW is   63023435   GAL
W2_FLO is 24.6     GPM   TOTAL FLOW is   61794004   GAL
ASBPRS is 9.6      IWC   LIMITS are  L: 5.0      IWC   H: 30.0      IWC
HP_FLO is 2.54     GPM   TOTAL FLOW is   686480     GAL
HP_PRS is 9.8      PSI   LIMITS are  L: -2.0     PSI   H: 20.0      PSI
HP_AMP is 4.79     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 4.53     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 55.53    FT    LIMITS are  L: 9.00     FT    H: 52.00     FT
W1_PRS is 4.2      PSI   LIMITS are  L: 0.5      PSI   H: 100.0     PSI
W2_PRS is 4.2      PSI   LIMITS are  L: 0.5      PSI   H: 100.0     PSI
INTEMP is 72.0     DEG   LIMITS are  L: 42.0     DEG   H: 130.0     DEG
```
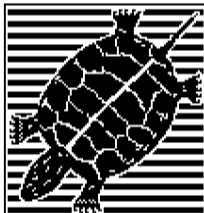
Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ALARM Fax Report

EOS Research Ltd.   *ProControl Series II+*

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 09:59:05 ON 08/27/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

```
AUTO  P20 :    LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 BY ASBVFD
               FAX REPORT INITIATED BY PROCESS 20
```

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 ON
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 0.0      GPM    TOTAL FLOW is   63023435   GAL
W2_FLO is 24.2     GPM    TOTAL FLOW is   61795331   GAL
ASBPRS is 9.6      IWC    LIMITS are  L: 5.0      IWC    H: 30.0      IWC
HP_FLO is 0.00     GPM    TOTAL FLOW is   686498    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 4.55     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 29.72    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 4.3      PSI    LIMITS are  L: 0.5      PSI    H: 100.0     PSI
W2_PRS is 4.4      PSI    LIMITS are  L: 0.5      PSI    H: 100.0     PSI
INTEMP is 71.1     DEG    LIMITS are  L: 42.0     DEG    H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/28/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL		
W2_FLO is 24.5	GPM	TOTAL FLOW is	61824618	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	686742	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 4.50	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 29.39	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 4.5	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 65.8	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/29/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL			
W2_FLO is 23.9	GPM	TOTAL FLOW is	61859650	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	686997	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 4.55	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 29.28	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 55.24	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.3	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 65.6	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 08/30/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0     GPM   TOTAL FLOW is   63023435   GAL
W2_FLO is 24.1    GPM   TOTAL FLOW is   61894606   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   687209     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 4.58    AMP   LIMITS are  L: 0.00    AMP      H: 10.00     AMP
W1_LVL is 29.68   FT    LIMITS are  L: 8.00    FT       H: 28.00     FT
W2_LVL is 55.58   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 3.1     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 08/31/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL			
W2_FLO is 24.0	GPM	TOTAL FLOW is	61929590	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	687209	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 4.53	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 29.87	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 55.53	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 2.8	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+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/01/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL		
W2_FLO is 24.3	GPM	TOTAL FLOW is	61964442	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	687209	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 4.58	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 29.78	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 4.1	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 2.1	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 64.0	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/02/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL			
W2_FLO is 24.3	GPM	TOTAL FLOW is	61999284	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	687209	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 4.63	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is 29.65	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 55.30	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 1.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 65.9	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 09/03/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL				
W2_FLO is 23.9	GPM	TOTAL FLOW is	62034106	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	687248	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 4.61	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 55.20	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 3.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 1.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 64.5	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 09/04/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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	63023435	GAL		
W2_FLO is 0.0	GPM	TOTAL FLOW is	62059424	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	687401	GAL		
HP_PRS is 1.1	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 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 31.47	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.65	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT
W1_PRS is 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 66.8	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 09/05/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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  63023435   GAL
W2_FLO is 0.0        GPM    TOTAL FLOW is  62059424   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  687401    GAL
HP_PRS is 1.0        PSI    LIMITS are  L: -2.0    PSI      H: 20.0      PSI
HP_AMP is 0.10       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 31.37      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 69.2       DEG    LIMITS are  L: 42.0    DEG      H: 130.0     DEG
```
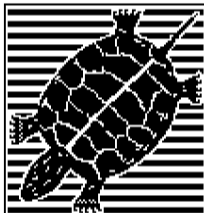
Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ALARM Fax Report

EOS Research Ltd. · ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 12:02:11 ON 09/05/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO   P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 BY ASBVFD
                FAX REPORT INITIATED BY PROCESS 20

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 ON
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 0.0       GPM    TOTAL FLOW is   63023435   GAL
W2_FLO is 24.3      GPM    TOTAL FLOW is   62059453   GAL
ASBPRS is 9.4       IWC    LIMITS are  L: 5.0      IWC    H: 30.0     IWC
HP_FLO is 2.50      GPM    TOTAL FLOW is   687403    GAL
HP_PRS is 9.7       PSI    LIMITS are  L: -2.0     PSI    H: 20.0     PSI
HP_AMP is 4.54      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 4.56      AMP    LIMITS are  L: 0.00     AMP    H: 10.00    AMP
W1_LVL is 29.54     FT     LIMITS are  L: 8.00     FT     H: 28.00    FT
W2_LVL is 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 3.6       PSI    LIMITS are  L: 0.5      PSI    H: 100.0    PSI
INTEMP is 75.4      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 09/06/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0      GPM   TOTAL FLOW is   63023435   GAL
W2_FLO is 24.5     GPM   TOTAL FLOW is   62085644   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   687831    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 4.44     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 29.33    FT    LIMITS are  L: 8.00    FT       H: 28.00     FT
W2_LVL is 55.05    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 2.6      PSI   LIMITS are  L: 0.5     PSI      H: 100.0     PSI
INTEMP is 66.1     DEG   LIMITS are  L: 42.0    DEG      H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/07/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0     GPM   TOTAL FLOW is  63023435   GAL
W2_FLO is 24.2    GPM   TOTAL FLOW is  62120481   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  687831    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 4.56    AMP   LIMITS are  L: 0.00   AMP      H: 10.00    AMP
W1_LVL is 29.34   FT    LIMITS are  L: 8.00   FT       H: 28.00    FT
W2_LVL is 54.98   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 1.7     PSI   LIMITS are  L: 0.5    PSI      H: 100.0    PSI
INTEMP is 64.2    DEG   LIMITS are  L: 42.0   DEG      H: 130.0    DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/08/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0      GPM    TOTAL FLOW is  63023435   GAL
W2_FLO is 23.5     GPM    TOTAL FLOW is  62155124   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  687831    GAL
HP_PRS is 1.2      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 4.48     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 29.30    FT     LIMITS are  L: 8.00    FT       H: 28.00    FT
W2_LVL is 54.94    FT     LIMITS are  L: 9.00    FT       H: 52.00    FT
W1_PRS is 4.1      PSI    LIMITS are  L: 0.5     PSI      H: 100.0    PSI
W2_PRS is 1.8      PSI    LIMITS are  L: 0.5     PSI      H: 100.0    PSI
INTEMP is 61.3     DEG    LIMITS are  L: 42.0    DEG      H: 130.0    DEG
```
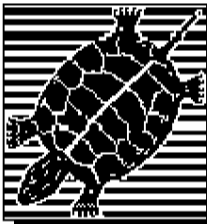
Analog Outputs:

```
ASBSPD     0.0 PCT   MAN
```

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/09/2010
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0      GPM   TOTAL FLOW is   63023435   GAL
W2_FLO is 24.1     GPM   TOTAL FLOW is   62189738   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   687831    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 4.64     AMP   LIMITS are  L: 0.00    AMP   H: 10.00     AMP
W1_LVL is 29.30    FT    LIMITS are  L: 8.00    FT    H: 28.00     FT
W2_LVL is 54.94    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 2.8      PSI   LIMITS are  L: 0.5     PSI   H: 100.0     PSI
INTEMP is 58.3     DEG   LIMITS are  L: 42.0    DEG   H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/09/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 BY ASBVFD

Discrete Inputs:

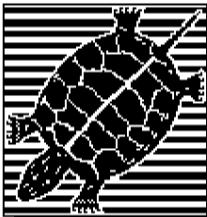|			
W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
HP_OP is OFF	ASP_HH is OFF	ASP_LO is OFF	FLRSMP is OFF
ACFAIL is OFF	E_STOP is OFF		

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 ON
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 0.0	GPH	TOTAL FLOW is	63023435	GAL			
W2_FLO is 24.1	GPH	TOTAL FLOW is	62189738	GAL			
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is 0.00	GPH	TOTAL FLOW is	687831	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 4.64	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is 29.30	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 54.94	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 2.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 58.3	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/10/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL		
W2_FLO is 23.8	GPM	TOTAL FLOW is	62224372	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	687831	GAL		
HP_PRS is 1.2	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 4.42	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 29.26	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 3.6	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 09/11/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0     GPM   TOTAL FLOW is  63023435   GAL
W2_FLO is 23.9    GPM   TOTAL FLOW is  62258999   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  687831     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 4.45    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 30.57   FT    LIMITS are  L: 8.00    FT     H: 28.00    FT
W2_LVL is 56.34   FT    LIMITS are  L: 9.00    FT     H: 52.00    FT
W1_PRS is 4.2     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 60.8    DEG   LIMITS are  L: 42.0    DEG    H: 130.0    DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/12/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL			
W2_FLO is 24.2	GPM	TOTAL FLOW is	62293484	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	687831	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 4.43	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 30.43	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 56.00	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 2.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 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 09/13/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0     GPM   TOTAL FLOW is  63023435  GAL
W2_FLO is 23.9    GPM   TOTAL FLOW is  62327816  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  687831   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 4.45    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 30.21   FT    LIMITS are  L: 8.00   FT      H: 28.00   FT
W2_LVL is 55.72   FT    LIMITS are  L: 9.00   FT      H: 52.00   FT
W1_PRS is 4.1     PSI   LIMITS are  L: 0.5    PSI     H: 100.0   PSI
W2_PRS is 1.4     PSI   LIMITS are  L: 0.5    PSI     H: 100.0   PSI
INTEMP is 63.6    DEG   LIMITS are  L: 42.0   DEG     H: 130.0   DEG
```

Analog Outputs:

```
ASBSPD     0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/14/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL				
W2_FLO is 24.1	GPM	TOTAL FLOW is	62362037	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	687831	GAL				
HP_PRS is 1.2	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 4.37	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is 4.49	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is 30.00	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 3.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 0.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 63.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/15/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL				
W2_FLO is 23.6	GPM	TOTAL FLOW is	62396195	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	687831	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 4.46	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 29.85	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 0.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 63.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD   0.0 PCT MAN

ProControl Series II+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/16/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL			
W2_FLO is 24.1	GPM	TOTAL FLOW is	62430361	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	687922	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 4.49	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 29.83	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 4.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 0.5	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

ALARM Fax Report

EOS Research Ltd.
ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 14:07:49 ON 09/16/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO   P23 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 BY ASBVFD
                FAX REPORT INITIATED BY PROCESS 23

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 ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	63023435	GAL				
W2_FLO is 23.8	GPM	TOTAL FLOW is	62441959	GAL				
ASBPRS is 9.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC		
HP_FLO is 0.00	GPM	TOTAL FLOW is	687922	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 4.39	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 29.77	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.26	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 3.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 0.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 70.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/17/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P23 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
W2_ALM is ON          ASBALM is OFF         SMPALM is OFF         AIR_LL is OFF
VFDRUN is OFF         VFDRST is OFF         HPMPGO is ON
```

Analog Inputs:

```
W1_FLO is 0.0      GPM    TOTAL FLOW is   63023435   GAL
W2_FLO is 23.4     GPM    TOTAL FLOW is   62464599   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   687983     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 4.40     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 29.66    FT     LIMITS are  L: 8.00    FT      H: 28.00     FT
W2_LVL is 55.28    FT     LIMITS are  L: 9.00    FT      H: 52.00     FT
W1_PRS is 4.0      PSI    LIMITS are  L: 0.5     PSI     H: 100.0     PSI
W2_PRS is 0.4      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+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/18/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO   P23 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	63023435	GAL				
W2_FLO is 23.4	GPM	TOTAL FLOW is	62498784	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	687983	GAL				
HP_PRS is 1.2	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 4.42	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 29.69	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 3.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 0.3	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 64.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG		

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/19/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P23 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
W2_ALM is ON          ASBALM is OFF         SMPALM is OFF         AIR_LL is OFF
VFDRUN is OFF         VFDRST is OFF         HPMPGO is ON
```

Analog Inputs:

```
W1_FLO is 0.0     GPM   TOTAL FLOW is   63023435   GAL
W2_FLO is 23.8    GPM   TOTAL FLOW is   62532997   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   687983     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 4.37    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 29.73   FT    LIMITS are  L: 8.00    FT        H: 28.00      FT
W2_LVL is 55.60   FT    LIMITS are  L: 9.00    FT        H: 52.00      FT
W1_PRS is 3.9     PSI   LIMITS are  L: 0.5     PSI       H: 100.0      PSI
W2_PRS is 0.2     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 09/20/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P23 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	63023435	GAL			
W2_FLO is 23.7	GPM	TOTAL FLOW is	62567227	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	687983	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 4.44	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 29.80	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 0.3	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 09/21/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO   P23 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	63023435	GAL		
W2_FLO is 23.7	GPM	TOTAL FLOW is	62601426	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	687983	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 4.46	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 29.72	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 0.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 63.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD   0.0 PCT   MAN

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/22/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P23 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
W2_ALM is ON          ASBALM is OFF         SMPALM is OFF         AIR_LL is OFF
VFDRUN is OFF         VFDRST is OFF         HPMPGO is ON
```

Analog Inputs:

```
W1_FLO is 0.0      GPM    TOTAL FLOW is   63023435   GAL
W2_FLO is 23.7     GPM    TOTAL FLOW is   62635653   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   687983     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 4.43     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 29.69    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 3.9      PSI    LIMITS are  L: 0.5     PSI      H: 100.0    PSI
W2_PRS is 0.2      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+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/23/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P23 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	63023435	GAL			
W2_FLO is 24.3	GPM	TOTAL FLOW is	62670076	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	687983	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 4.66	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 55.34	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 1.6	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+
Fax Report
EOS Research Ltd.

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/24/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P23 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	63023435	GAL				
W2_FLO is 24.4	GPM	TOTAL FLOW is	62704650	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	687983	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 4.44	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 4.59	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 29.87	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 55.24	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
W2_PRS is 3.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
INTEMP is 55.6	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 09/25/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P23 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
W2_ALM is ON	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	63023435	GAL			
W2_FLO is 24.3	GPM	TOTAL FLOW is	62739218	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	687983	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 4.45	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 29.76	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 55.09	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is 3.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is 59.2	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD   0.0 PCT MAN

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/26/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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   63023435   GAL
W2_FLO is 0.0      GPM    TOTAL FLOW is   62743911   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   687983     GAL
HP_PRS is 1.1      PSI    LIMITS are   L: -2.0     PSI      H: 20.0      PSI
HP_AMP is 0.10     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 31.66    FT     LIMITS are   L: 8.00     FT       H: 28.00     FT
W2_LVL is 57.14    FT     LIMITS are   L: 9.00     FT       H: 52.00     FT
W1_PRS is 0.0      PSI    LIMITS are   L: 0.5      PSI      H: 100.0     PSI
W2_PRS is 0.0      PSI    LIMITS are   L: 0.5      PSI      H: 100.0     PSI
INTEMP is 64.7     DEG    LIMITS are   L: 42.0     DEG      H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD     0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/27/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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   63023435    GAL
W2_FLO is 0.0      GPM    TOTAL FLOW is   62743911    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   687983      GAL
HP_PRS is 1.1      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 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 32.86    FT     LIMITS are  L: 8.00     FT       H: 28.00     FT
W2_LVL is 58.19    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 57.7     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 @ 13:27:24 ON 09/27/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 BY ASBVFD
               FAX REPORT INITIATED BY PROCESS 20

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 ON
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 0.0      GPM    TOTAL FLOW is   63023435   GAL
W2_FLO is 24.3     GPM    TOTAL FLOW is   62743940   GAL
ASBPRS is 9.6      IWC    LIMITS are  L: 5.0      IWC    H: 30.0       IWC
HP_FLO is 0.00     GPM    TOTAL FLOW is   687983     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 4.47     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 30.93    FT     LIMITS are  L: 8.00     FT     H: 28.00      FT
W2_LVL is 56.42    FT     LIMITS are  L: 9.00     FT     H: 52.00      FT
W1_PRS is 4.3      PSI    LIMITS are  L: 0.5      PSI    H: 100.0      PSI
W2_PRS is 3.9      PSI    LIMITS are  L: 0.5      PSI    H: 100.0      PSI
INTEMP is 63.5     DEG    LIMITS are  L: 42.0     DEG    H: 130.0      DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/28/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

MANUAL   :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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   63023435   GAL
W2_FLO is 0.0      GPM   TOTAL FLOW is   62767070   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   687983     GAL
HP_PRS is 1.1      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 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 32.39    FT    LIMITS are  L: 8.00     FT       H: 28.00     FT
W2_LVL is 57.67    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
```

ALARM Fax Report

EOS Research Ltd.   ProControl Series II+

To:
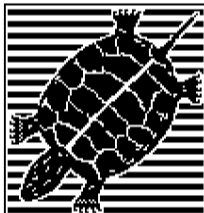
JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 11:43:47 ON 09/28/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 BY ASBVFD
               FAX REPORT INITIATED BY PROCESS 20

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 ON
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 0.0	GPM	TOTAL FLOW is	63023435	GAL			
W2_FLO is 24.4	GPM	TOTAL FLOW is	62767098	GAL			
ASBPRS is 9.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	687983	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 4.47	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 30.62	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is 56.25	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is 4.3	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 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 09/29/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO   P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0      GPM   TOTAL FLOW is   63023435   GAL
W2_FLO is 24.2     GPM   TOTAL FLOW is   62794038   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   687983     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 4.47     AMP   LIMITS are  L: 0.00     AMP      H: 10.00     AMP
W2_AMP is 4.63     AMP   LIMITS are  L: 0.00     AMP      H: 10.00     AMP
W1_LVL is 30.59    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 4.3      PSI   LIMITS are  L: 0.5      PSI      H: 100.0     PSI
W2_PRS is 3.6      PSI   LIMITS are  L: 0.5      PSI      H: 100.0     PSI
INTEMP is 59.0     DEG   LIMITS are  L: 42.0     DEG      H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD    0.0 PCT   MAN
```

ProControl Series II+
EOS Research Ltd.
Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING   SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 09/30/2018
SER NO 9605 : SETUP VER 1   : ROM 2.1996 : MODEL A2

System Status:

AUTO P20 :   LAST SHUTDOWN @ 10:13:24 ON 08/15/2018 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 ON
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 0.0      GPM   TOTAL FLOW is   63023435   GAL
W2_FLO is 24.7     GPM   TOTAL FLOW is   62829352   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   687983     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 4.67     AMP   LIMITS are  L: 0.00    AMP       H: 10.00     AMP
W1_LVL is 30.54    FT    LIMITS are  L: 8.00    FT        H: 28.00     FT
W2_LVL is 55.83    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 4.1      PSI   LIMITS are  L: 0.5     PSI       H: 100.0     PSI
INTEMP is 56.0     DEG   LIMITS are  L: 42.0    DEG       H: 130.0     DEG
```

Analog Outputs:

```
ASBSPD     0.0 PCT   MAN
```

APPENDIX B

O&M Checklists

Gladding Cordage		Date	7/29/2018
South Otselic, New York		**Inspector**	L. Whalen
NYSDEC Site #709009		**Time**	9:40

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

Recovery Wells	RW-1	RW-2
Flow Rate (GPM)	18.4	23.5
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	29.26	55.36
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper

Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.0	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	55

Heat Exchanger

Heat (On/Off)	Off	Building Temperature (°F)	NR
Heat Exchanger Flow (GPM)	0.00	Heat Exchanger Pressure (PSI)	1.2

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:

Sampled: RW-1   -   1110
         RW-1-MS   -   1110
         RW-1-MSD -   1110

         RW-2   -   1115
         EFF 46 HZ -   1120

System Restart (0950) - Power failure readings (AC Fail)

System Start up (0951)

Trimmed Grass

Gladding Cordage					**Date**	8/27/2018
South Otselic, New York					**Inspector**	L. Whalen
NYSDEC Site #709009					**Time**	9:40

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)	19.6	23.9
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	29.52	55.32
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	9.2	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)	73°
Heat Exchanger Flow (GPM)	0.00	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)	Yes	Outfall Condition OK? (Y/N)	Yes
Monitoring Wells OK? (Y/N)	Yes	Samples Collected (Y/N)	Yes

Notes:

Sampled:	RW-1	-	0900
	RW-1-MS	-	0900
	RW-1-MSD	-	0900
	RW-2	-	0910
	EFF 46 HZ	-	0920

System Restart at 0830
Mowed Grass
System Check at 0940
Well Check at 1000

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	9/5/2018
Inspector	L. Whalen
Time	12:18

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)	Yes
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)	Yes	Sump Level (Y/N)	No

Recovery Wells

	RW-1	RW-2
Flow Rate (GPM)	0	24.4
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	29.34	54.89
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper

Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	9.7	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	63°

Heat Exchanger

Heat (On/Off)	On	Building Temperature (°F)	75°
Heat Exchanger Flow (GPM)	2.49	Heat Exchanger Pressure (PSI)	NR

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: 1218

System Check: 1230

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	9/27/2018
Inspector	L. Whalen
Time	13:35

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)	Yes
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

Recovery Wells	RW-1	RW-2
Flow Rate (GPM)	NA	24.6
Total Flow (Gallons)	Not Reported	Not Reported
Water Level (Feet Above Probe)	30.83	56.36
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper

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

Heat Exchanger

Heat (On/Off)	Off	Building Temperature (°F)	64.7°
Heat Exchanger Flow (GPM)	0.00	Heat Exchanger Pressure (PSI)	1.3

General Building/Site

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

Notes:

Sampled: RW-1 - 1500
RW-1-MS - 1500
RW-1-MSD - 1500

RW-2 - 1510
EFF 46 HZ - 1515

System Restart: 1340
Mowed Grass: 1340 to 1440
System Check: 1530
Well Field Check: 1600

APPENDIX C

Analytical Reporting Forms

![con-test ANALYTICAL LABORATORY logo]

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

August 6, 2018

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

Project Location: S. Otselic, NY
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 18G1289

Enclosed are results of analyses for samples received by the laboratory on July 31, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

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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: 8/6/2018

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18G1289

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

PROJECT LOCATION: S. Otselic, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RW-1 072918 + MS/MSD	18G1289-01	Ground Water		EPA 624.1	
RW-2 072918	18G1289-02	Ground Water		EPA 624.1	
EFF 46 HZ 072918	18G1289-03	Ground Water		EPA 624.1	
Trip Blank	18G1289-04	Trip Blank Water		EPA 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

Project Manager

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

Project Location: S. Otselic, NY   Sample Description: Work Order: 18G1289

Date Received: 7/31/2018

Field Sample #: RW-1 072918 + MS/MSD   Sampled: 7/29/2018 11:10

Sample ID: 18G1289-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
1,1-Dichloroethane	1.7	2.0	0.33	µg/L	1	J	EPA 624.1	8/2/18	8/2/18 9:13	LBD
1,1-Dichloroethylene	0.79	2.0	0.25	µg/L	1	J	EPA 624.1	8/2/18	8/2/18 9:13	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Methylene Chloride	ND	5.0	0.42	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
1,1,1-Trichloroethane	42	2.0	0.25	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:13	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	94.9	70-130			8/2/18 9:13
Toluene-d8	96.6	70-130			8/2/18 9:13
4-Bromofluorobenzene	98.0	70-130			8/2/18 9:13

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Project Location: S. Otselic, NY Sample Description: Work Order: 18G1289

Date Received: 7/31/2018

Field Sample #: RW-2 072918 Sampled: 7/29/2018 11:15

Sample ID: 18G1289-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
1,1-Dichloroethane	1.3	2.0	0.33	µg/L	1	J	EPA 624.1	8/2/18	8/2/18 9:44	LBD
1,1-Dichloroethylene	0.93	2.0	0.25	µg/L	1	J	EPA 624.1	8/2/18	8/2/18 9:44	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Methylene Chloride	ND	5.0	0.42	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
1,1,1-Trichloroethane	49	2.0	0.25	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	8/2/18	8/2/18 9:44	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	93.6	70-130			8/2/18 9:44
Toluene-d8	96.8	70-130			8/2/18 9:44
4-Bromofluorobenzene	97.4	70-130			8/2/18 9:44

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Project Location: S. Otselic, NY   Sample Description: Work Order: 18G1289

Date Received: 7/31/2018

Field Sample #: EFF 46 HZ 072918   Sampled: 7/29/2018 11:20

Sample ID: 18G1289-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Bromodichloromethane	ND	2.0	0.48	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Bromoform	ND	2.0	0.28	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Bromomethane	ND	2.0	0.44	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Carbon Tetrachloride	ND	2.0	0.39	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Chlorobenzene	ND	2.0	0.30	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Chlorodibromomethane	ND	2.0	0.27	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Chloroethane	ND	2.0	0.38	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Chloroform	ND	2.0	0.33	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Chloromethane	ND	2.0	0.30	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
1,2-Dichloroethane	ND	2.0	0.28	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
1,1-Dichloroethane	ND	2.0	0.33	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
1,1-Dichloroethylene	ND	2.0	0.25	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
1,2-Dichloropropane	ND	2.0	0.31	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Ethylbenzene	ND	2.0	0.37	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Methylene Chloride	ND	5.0	0.42	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Tetrachloroethylene	ND	2.0	0.32	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Toluene	ND	1.0	0.35	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
1,1,1-Trichloroethane	ND	2.0	0.25	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Trichloroethylene	ND	2.0	0.41	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
Vinyl Chloride	ND	2.0	0.30	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
m+p Xylene	ND	2.0	0.65	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD
o-Xylene	ND	2.0	0.35	μg/L	1		EPA 624.1	8/2/18	8/2/18 8:42	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.0	70-130		8/2/18 8:42
Toluene-d8	95.6	70-130		8/2/18 8:42
4-Bromofluorobenzene	94.9	70-130		8/2/18 8:42

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Project Location: S. Otselic, NY   Sample Description: Work Order: 18G1289

Date Received: 7/31/2018

Field Sample #: Trip Blank   Sampled: 7/29/2018 00:00

Sample ID: 18G1289-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
1,1-Dichloroethane	ND	2.0	0.33	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
1,1-Dichloroethylene	ND	2.0	0.25	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Methylene Chloride	1.0	5.0	0.42	µg/L	1	J	EPA 624.1	8/2/18	8/2/18 8:11	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
1,1,1-Trichloroethane	ND	2.0	0.25	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	8/2/18	8/2/18 8:11	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	95.7	70-130			8/2/18 8:11
Toluene-d8	96.1	70-130			8/2/18 8:11
4-Bromofluorobenzene	94.3	70-130			8/2/18 8:11

![con-test® ANALYTICAL LABORATORY]

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

Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
18G1289-01 [RW-1 072918 + MS/MSD]	B209309	5	5.00	08/02/18
18G1289-02 [RW-2 072918]	B209309	5	5.00	08/02/18
18G1289-03 [EFF 46 HZ 072918]	B209309	5	5.00	08/02/18
18G1289-04 [Trip Blank]	B209309	5	5.00	08/02/18

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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 B209309 - SW-846 5030B										
Blank (B209309-BLK1)				Prepared & Analyzed: 08/02/18						
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*23.7*		µg/L	25.0		94.9	70-130			
Surrogate: Toluene-d8	*24.5*		µg/L	25.0		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	*23.7*		µg/L	25.0		94.8	70-130			
LCS (B209309-BS1)				Prepared & Analyzed: 08/02/18						
Benzene	21.3	1.0	µg/L	20.0		106	65-135			
Bromodichloromethane	19.8	2.0	µg/L	20.0		99.0	65-135			
Bromoform	22.6	2.0	µg/L	20.0		113	70-130			
Bromomethane	14.7	2.0	µg/L	20.0		73.4	15-185			
Carbon Tetrachloride	21.6	2.0	µg/L	20.0		108	70-130			
Chlorobenzene	22.1	2.0	µg/L	20.0		111	65-135			
Chlorodibromomethane	20.1	2.0	µg/L	20.0		101	70-135			
Chloroethane	20.3	2.0	µg/L	20.0		101	40-160			
Chloroform	20.7	2.0	µg/L	20.0		103	70-135			
Chloromethane	18.1	2.0	µg/L	20.0		90.6	20-205			
1,2-Dichlorobenzene	20.8	2.0	µg/L	20.0		104	65-135			
1,3-Dichlorobenzene	21.5	2.0	µg/L	20.0		108	70-130			
1,4-Dichlorobenzene	21.0	2.0	µg/L	20.0		105	65-135			
1,2-Dichloroethane	19.8	2.0	µg/L	20.0		98.8	70-130			

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 B209309 - SW-846 5030B										
LCS (B209309-BS1)				Prepared & Analyzed: 08/02/18						
1,1-Dichloroethane	20.6	2.0	µg/L	20.0		103	70-130			
1,1-Dichloroethylene	17.7	2.0	µg/L	20.0		88.6	50-150			
trans-1,2-Dichloroethylene	19.9	2.0	µg/L	20.0		99.6	70-130			
1,2-Dichloropropane	21.5	2.0	µg/L	20.0		108	35-165			
cis-1,3-Dichloropropene	19.9	2.0	µg/L	20.0		99.6	25-175			
trans-1,3-Dichloropropene	21.0	2.0	µg/L	20.0		105	50-150			
Ethylbenzene	23.2	2.0	µg/L	20.0		116	60-140			
Methyl tert-Butyl Ether (MTBE)	20.2	2.0	µg/L	20.0		101	70-130			
Methylene Chloride	16.1	5.0	µg/L	20.0		80.4	60-140			
1,1,2,2-Tetrachloroethane	21.8	2.0	µg/L	20.0		109	60-140			
Tetrachloroethylene	23.3	2.0	µg/L	20.0		117	70-130			
Toluene	21.7	1.0	µg/L	20.0		109	70-130			
1,1,1-Trichloroethane	20.4	2.0	µg/L	20.0		102	70-130			
1,1,2-Trichloroethane	21.2	2.0	µg/L	20.0		106	70-130			
Trichloroethylene	21.0	2.0	µg/L	20.0		105	65-135			
Trichlorofluoromethane (Freon 11)	17.0	2.0	µg/L	20.0		84.8	50-150			
Vinyl Chloride	20.4	2.0	µg/L	20.0		102	5-195			
m+p Xylene	46.1	2.0	µg/L	40.0		115	70-130			
o-Xylene	22.1	2.0	µg/L	20.0		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.3		µg/L	25.0		93.2	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.0		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.1	70-130			
Matrix Spike (B209309-MS1)		**Source: 18G1289-01**		Prepared & Analyzed: 08/02/18						
Benzene	22.4	1.0	µg/L	20.0	ND	112	37-151			
Bromodichloromethane	20.7	2.0	µg/L	20.0	ND	103	35-155			
Bromoform	21.9	2.0	µg/L	20.0	ND	109	45-169			
Bromomethane	14.4	2.0	µg/L	20.0	ND	71.8	20-242			
Carbon Tetrachloride	23.0	2.0	µg/L	20.0	ND	115	70-140			
Chlorobenzene	22.7	2.0	µg/L	20.0	ND	114	37-160			
Chlorodibromomethane	20.2	2.0	µg/L	20.0	ND	101	53-149			
Chloroethane	20.5	2.0	µg/L	20.0	ND	103	14-230			
Chloroform	21.8	2.0	µg/L	20.0	ND	109	51-138			
Chloromethane	19.2	2.0	µg/L	20.0	ND	96.0	20-273			
1,2-Dichlorobenzene	21.4	2.0	µg/L	20.0	ND	107	18-190			
1,3-Dichlorobenzene	22.3	2.0	µg/L	20.0	ND	111	59-156			
1,4-Dichlorobenzene	21.6	2.0	µg/L	20.0	ND	108	18-190			
1,2-Dichloroethane	20.0	2.0	µg/L	20.0	ND	100	49-155			
1,1-Dichloroethane	22.9	2.0	µg/L	20.0	1.66	106	59-155			
1,1-Dichloroethylene	19.2	2.0	µg/L	20.0	0.790	91.8	20-234			
trans-1,2-Dichloroethylene	20.9	2.0	µg/L	20.0	ND	104	54-156			
1,2-Dichloropropane	21.8	2.0	µg/L	20.0	ND	109	20-210			
cis-1,3-Dichloropropene	20.3	2.0	µg/L	20.0	ND	101	20-227			
trans-1,3-Dichloropropene	21.0	2.0	µg/L	20.0	ND	105	17-183			
Ethylbenzene	24.1	2.0	µg/L	20.0	ND	121	37-162			
Methyl tert-Butyl Ether (MTBE)	20.3	2.0	µg/L	20.0	ND	102	70-130			
Methylene Chloride	16.4	5.0	µg/L	20.0	ND	82.0	20-221			
1,1,2,2-Tetrachloroethane	21.8	2.0	µg/L	20.0	ND	109	46-157			
Tetrachloroethylene	25.1	2.0	µg/L	20.0	ND	125	64-148			
Toluene	22.8	1.0	µg/L	20.0	ND	114	47-150			
1,1,1-Trichloroethane	61.4	2.0	µg/L	20.0	41.6	98.8	52-162			
1,1,2-Trichloroethane	21.9	2.0	µg/L	20.0	ND	109	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 B209309 - SW-846 5030B										
Matrix Spike (B209309-MS1)		**Source: 18G1289-01**			Prepared & Analyzed: 08/02/18					
Trichloroethylene	22.9	2.0	µg/L	20.0	ND	114	70-157			
Trichlorofluoromethane (Freon 11)	18.0	2.0	µg/L	20.0	ND	90.2	17-181			
Vinyl Chloride	22.4	2.0	µg/L	20.0	ND	112	20-251			
m+p Xylene	48.3	2.0	µg/L	40.0	ND	121	70-130			
o-Xylene	23.0	2.0	µg/L	20.0	ND	115	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.1		µg/L	25.0		92.4	70-130			
Surrogate: Toluene-d8	24.2		µg/L	25.0		96.8	70-130			
Surrogate: 4-Bromofluorobenzene	24.6		µg/L	25.0		98.2	70-130			
Matrix Spike Dup (B209309-MSD1)		**Source: 18G1289-01**			Prepared & Analyzed: 08/02/18					
Benzene	23.3	1.0	µg/L	20.0	ND	117	37-151	4.11	61	
Bromodichloromethane	21.8	2.0	µg/L	20.0	ND	109	35-155	5.09	56	
Bromoform	23.2	2.0	µg/L	20.0	ND	116	45-169	6.08	42	
Bromomethane	15.2	2.0	µg/L	20.0	ND	75.8	20-242	5.42	61	
Carbon Tetrachloride	24.3	2.0	µg/L	20.0	ND	121	70-140	5.33	41	
Chlorobenzene	24.6	2.0	µg/L	20.0	ND	123	37-160	7.94	53	
Chlorodibromomethane	20.9	2.0	µg/L	20.0	ND	104	53-149	3.36	50	
Chloroethane	19.8	2.0	µg/L	20.0	ND	99.2	14-230	3.42	78	
Chloroform	22.8	2.0	µg/L	20.0	ND	114	51-138	4.04	54	
Chloromethane	20.1	2.0	µg/L	20.0	ND	101	20-273	4.63	60	
1,2-Dichlorobenzene	22.6	2.0	µg/L	20.0	ND	113	18-190	5.27	57	
1,3-Dichlorobenzene	23.6	2.0	µg/L	20.0	ND	118	59-156	5.71	43	
1,4-Dichlorobenzene	22.5	2.0	µg/L	20.0	ND	112	18-190	3.72	57	
1,2-Dichloroethane	20.5	2.0	µg/L	20.0	ND	102	49-155	2.27	49	
1,1-Dichloroethane	24.2	2.0	µg/L	20.0	1.66	113	59-155	5.81	40	
1,1-Dichloroethylene	20.3	2.0	µg/L	20.0	0.790	97.5	20-234	5.73	32	
trans-1,2-Dichloroethylene	21.6	2.0	µg/L	20.0	ND	108	54-156	3.67	45	
1,2-Dichloropropane	22.7	2.0	µg/L	20.0	ND	114	20-210	4.45	55	
cis-1,3-Dichloropropene	20.7	2.0	µg/L	20.0	ND	103	20-227	1.91	58	
trans-1,3-Dichloropropene	21.4	2.0	µg/L	20.0	ND	107	17-183	2.12	86	
Ethylbenzene	25.8	2.0	µg/L	20.0	ND	129	37-162	6.65	63	
Methyl tert-Butyl Ether (MTBE)	21.3	2.0	µg/L	20.0	ND	107	70-130	4.85	20	
Methylene Chloride	17.0	5.0	µg/L	20.0	ND	85.0	20-221	3.71	28	
1,1,2,2-Tetrachloroethane	22.9	2.0	µg/L	20.0	ND	115	46-157	5.01	61	
Tetrachloroethylene	26.5	2.0	µg/L	20.0	ND	133	64-148	5.54	39	
Toluene	23.7	1.0	µg/L	20.0	ND	119	47-150	3.87	41	
1,1,1-Trichloroethane	63.9	2.0	µg/L	20.0	41.6	112	52-162	4.10	36	
1,1,2-Trichloroethane	22.8	2.0	µg/L	20.0	ND	114	52-150	4.03	45	
Trichloroethylene	23.8	2.0	µg/L	20.0	ND	119	70-157	3.90	48	
Trichlorofluoromethane (Freon 11)	17.8	2.0	µg/L	20.0	ND	89.1	17-181	1.23	84	
Vinyl Chloride	23.1	2.0	µg/L	20.0	ND	116	20-251	3.30	66	
m+p Xylene	51.2	2.0	µg/L	40.0	ND	128	70-130	5.82	20	
o-Xylene	24.4	2.0	µg/L	20.0	ND	122	70-130	5.77	20	
Surrogate: 1,2-Dichloroethane-d4	23.4		µg/L	25.0		93.5	70-130			
Surrogate: Toluene-d8	24.3		µg/L	25.0		97.2	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

EPA 624.1 in Water

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2018
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2018
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

con-test
ANALYTICAL LABORATORY

161289

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http://www.contestlabs.com

CHAIN OF CUSTODY RECORD (New York)

39 Spruce Street
East Longmeadow, MA 01028

Doc # 380 Rev 1_03242017

Company Name: ARCADIS
Address: 865 RT 146, STE 210
Phone:
Project Name: Gladding Gorback
Project Location: S. OTSELIC, NY
Project Number: 0226/406/2000
Project Manager: J. Wyckoff
Con-Test Quote Name/Number:
Invoice Recipient:
Sampled By: J. Wyckoff

ANALYSIS REQUESTED

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

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

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

Con-Test Work Order #	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code				
1	RW-1 072918 + MS/MSD	1110	7/29/18	GW	X	GW				15	
2	RW-2 072918	1115	7/29/18		X	GW				4	
3	Eff 46 Hz 072918	1120	7/29/18		X	GW				V	
4	Trip Blank	—	7/29/18		—	—				329	
							X				
							X				
							X				
							X				

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)

Dissolved Metals Samples
- Field Filtered ☐
- Lab to Filter ☐

Orthophosphate Samples
- Field Filtered ☐
- Lab to Filter ☐

- # of Containers
- ² Preservation Code
- ³ Container Code

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

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

Project Entity
- Government ☒ Municipality ☐
- Federal ☐ 21 J ☐
- City ☐ Brownfield ☐

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

NELAC and AIHA-LAP, LLC Accredited
Other:
- WRTA ☐ MWRA ☐
- School ☐
- MBTA ☐

PCB ONLY
- Soxhlet ☐
- Non Soxhlet ☐

Other:
- Chromatogram ☐
- AIHA-LAP, LLC ☐

Comments:

		Date/Time:
Relinquished by: (signature)		7/30/18
Received by: (signature) BS		7/31/18 906
Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time:
Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time:

Ex .

806832457773

☆ ⊙

Delivered
Tuesday 7/31/2018 at 9:06 am

DELIVERED

Signed for by: P.BLAKE

GET STATUS UPDATES
OBTAIN PROOF OF DELIVERY

FROM
CLI US
TO
EAST LONGMEADOW, MA US

7/31/2018 - Tuesday

9:06 am

Delivered

MA

Expand History ∨

7/30/2018 - Monday

4:47 pm

Picked up

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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 **1/31/18**　Time **906**

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

Were samples within Temperature? 2-6°C **T**
By Gun # **7**　Actual Temp - **3.5**
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? **RAP T**
Proper Media/Containers Used? **T**　Is splitting samples required? **F**
Were trip blanks received? **F**　On COC? **F**
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-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

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

Comments:

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

August 31, 2018

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: 18H1340

Enclosed are results of analyses for samples received by the laboratory on August 28, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

Table of Contents

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

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

REPORT DATE: 8/31/2018

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18H1340

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)	18H1340-01	Ground Water		EPA 624.1	
RW-2	18H1340-02	Ground Water		EPA 624.1	
EFF 46 HZ	18H1340-03	Ground Water		EPA 624.1	
Trip Blank	18H1340-04	Trip Blank Water		EPA 624.1	

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

CASE NARRATIVE SUMMARY

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

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

Tod E. Kopyscinski
Laboratory Director

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

Project Location: South Otselic, NY   Sample Description: Work Order: 18H1340

Date Received: 8/28/2018

Field Sample #: RW-1 (MS/MSD)   Sampled: 8/27/2018 09:00

Sample ID: 18H1340-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
1,1-Dichloroethane	1.8	2.0	0.33	µg/L	1	J	EPA 624.1	8/29/18	8/29/18 10:29	LBD
1,1-Dichloroethylene	1.0	2.0	0.25	µg/L	1	J	EPA 624.1	8/29/18	8/29/18 10:29	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Methylene Chloride	ND	5.0	0.42	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
1,1,1-Trichloroethane	45	2.0	0.25	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	8/29/18	8/29/18 10:29	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.0	70-130			8/29/18 10:29
Toluene-d8	98.6	70-130			8/29/18 10:29
4-Bromofluorobenzene	103	70-130			8/29/18 10:29

![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: 18H1340

Date Received: 8/28/2018

Field Sample #: RW-2 Sampled: 8/27/2018 09:10

Sample ID: 18H1340-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
1,1-Dichloroethane	1.3	2.0	0.33	µg/L	1	J	EPA 624.1	8/29/18	8/29/18 11:00	LBD
1,1-Dichloroethylene	1.1	2.0	0.25	µg/L	1	J	EPA 624.1	8/29/18	8/29/18 11:00	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Methylene Chloride	ND	5.0	0.42	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
1,1,1-Trichloroethane	51	2.0	0.25	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	8/29/18	8/29/18 11:00	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	98.6	70-130			8/29/18 11:00
Toluene-d8	97.9	70-130			8/29/18 11:00
4-Bromofluorobenzene	104	70-130			8/29/18 11:00

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

Project Location: South Otselic, NY   Sample Description: Work Order: 18H1340

Date Received: 8/28/2018

Field Sample #: EFF 46 HZ   Sampled: 8/27/2018 09:20

Sample ID: 18H1340-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
1,1-Dichloroethane	ND	2.0	0.33	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
1,1-Dichloroethylene	ND	2.0	0.25	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Methylene Chloride	ND	5.0	0.42	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
1,1,1-Trichloroethane	ND	2.0	0.25	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	8/29/18	8/29/18 9:28	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	98.5	70-130			8/29/18 9:28
Toluene-d8	98.3	70-130			8/29/18 9:28
4-Bromofluorobenzene	102	70-130			8/29/18 9:28

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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: 18H1340

Date Received: 8/28/2018

Field Sample #: Trip Blank   Sampled: 8/27/2018 00:00

Sample ID: 18H1340-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
1,1-Dichloroethane	ND	2.0	0.33	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
1,1-Dichloroethylene	ND	2.0	0.25	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Methylene Chloride	0.62	5.0	0.42	µg/L	1	J	EPA 624.1	8/29/18	8/29/18 8:26	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
1,1,1-Trichloroethane	ND	2.0	0.25	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	8/29/18	8/29/18 8:26	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	96.9	70-130			8/29/18 8:26
Toluene-d8	100	70-130			8/29/18 8:26
4-Bromofluorobenzene	103	70-130			8/29/18 8:26

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

Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
18H1340-01 [RW-1 (MS/MSD)]	B211335	5	5.00	08/29/18
18H1340-02 [RW-2]	B211335	5	5.00	08/29/18
18H1340-03 [EFF 46 HZ]	B211335	5	5.00	08/29/18
18H1340-04 [Trip Blank]	B211335	5	5.00	08/29/18

![con-test ANALYTICAL LABORATORY logo]

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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 B211335 - SW-846 5030B										
Blank (B211335-BLK1)				Prepared & Analyzed: 08/29/18						
Tetrahydrofuran	ND	10	µg/L							
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		97.9	70-130			
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100	70-130			
LCS (B211335-BS1)				Prepared & Analyzed: 08/29/18						
Tetrahydrofuran	24.6	10	µg/L	20.0		123	70-130		25	
Benzene	21.7	1.0	µg/L	20.0		108	65-135			
Bromodichloromethane	22.0	2.0	µg/L	20.0		110	65-135			
Bromoform	23.3	2.0	µg/L	20.0		116	70-130			
Bromomethane	13.5	2.0	µg/L	20.0		67.4	15-185			
Carbon Tetrachloride	22.6	2.0	µg/L	20.0		113	70-130			
Chlorobenzene	21.8	2.0	µg/L	20.0		109	65-135			
Chlorodibromomethane	24.1	2.0	µg/L	20.0		120	70-135			
Chloroethane	21.0	2.0	µg/L	20.0		105	40-160			
Chloroform	21.6	2.0	µg/L	20.0		108	70-135			
Chloromethane	20.1	2.0	µg/L	20.0		100	20-205			
1,2-Dichlorobenzene	20.5	2.0	µg/L	20.0		103	65-135			
1,3-Dichlorobenzene	21.3	2.0	µg/L	20.0		106	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 B211335 - SW-846 5030B										
LCS (B211335-BS1)				Prepared & Analyzed: 08/29/18						
1,4-Dichlorobenzene	20.5	2.0	µg/L	20.0		102	65-135			
1,2-Dichloroethane	21.2	2.0	µg/L	20.0		106	70-130			
1,1-Dichloroethane	22.3	2.0	µg/L	20.0		112	70-130			
1,1-Dichloroethylene	21.6	2.0	µg/L	20.0		108	50-150			
trans-1,2-Dichloroethylene	22.4	2.0	µg/L	20.0		112	70-130			
1,2-Dichloropropane	22.3	2.0	µg/L	20.0		112	35-165			
cis-1,3-Dichloropropene	24.0	2.0	µg/L	20.0		120	25-175			
trans-1,3-Dichloropropene	25.9	2.0	µg/L	20.0		130	50-150			
Ethylbenzene	21.6	2.0	µg/L	20.0		108	60-140			
Methyl tert-Butyl Ether (MTBE)	23.3	2.0	µg/L	20.0		116	70-130			
Methylene Chloride	20.6	5.0	µg/L	20.0		103	60-140			
1,1,2,2-Tetrachloroethane	21.9	2.0	µg/L	20.0		110	60-140			
Tetrachloroethylene	24.1	2.0	µg/L	20.0		121	70-130			
Toluene	21.7	1.0	µg/L	20.0		108	70-130			
1,1,1-Trichloroethane	23.2	2.0	µg/L	20.0		116	70-130			
1,1,2-Trichloroethane	22.1	2.0	µg/L	20.0		111	70-130			
Trichloroethylene	22.8	2.0	µg/L	20.0		114	65-135			
Trichlorofluoromethane (Freon 11)	20.6	2.0	µg/L	20.0		103	50-150			
Vinyl Chloride	19.6	2.0	µg/L	20.0		98.1	5-195			
m+p Xylene	43.8	2.0	µg/L	40.0		110	70-130			
o-Xylene	22.0	2.0	µg/L	20.0		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.9*		µg/L	25.0		99.8	70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	*25.9*		µg/L	25.0		104	70-130			
Matrix Spike (B211335-MS1)		**Source: 18H1340-01**		Prepared & Analyzed: 08/29/18						
Benzene	22.2	1.0	µg/L	20.0	ND	111	37-151			
Bromodichloromethane	22.9	2.0	µg/L	20.0	ND	114	35-155			
Bromoform	23.9	2.0	µg/L	20.0	ND	120	45-169			
Bromomethane	11.6	2.0	µg/L	20.0	ND	57.9	20-242			
Carbon Tetrachloride	24.5	2.0	µg/L	20.0	ND	123	70-140			
Chlorobenzene	22.0	2.0	µg/L	20.0	ND	110	37-160			
Chlorodibromomethane	25.0	2.0	µg/L	20.0	ND	125	53-149			
Chloroethane	19.8	2.0	µg/L	20.0	ND	98.8	14-230			
Chloroform	22.0	2.0	µg/L	20.0	ND	110	51-138			
Chloromethane	16.8	2.0	µg/L	20.0	ND	84.2	20-273			
1,2-Dichlorobenzene	21.3	2.0	µg/L	20.0	ND	106	18-190			
1,3-Dichlorobenzene	21.4	2.0	µg/L	20.0	ND	107	59-156			
1,4-Dichlorobenzene	20.9	2.0	µg/L	20.0	ND	105	18-190			
1,2-Dichloroethane	20.7	2.0	µg/L	20.0	ND	104	49-155			
1,1-Dichloroethane	24.7	2.0	µg/L	20.0	1.83	114	59-155			
1,1-Dichloroethylene	22.8	2.0	µg/L	20.0	1.01	109	20-234			
trans-1,2-Dichloroethylene	22.6	2.0	µg/L	20.0	ND	113	54-156			
1,2-Dichloropropane	22.2	2.0	µg/L	20.0	ND	111	20-210			
cis-1,3-Dichloropropene	23.9	2.0	µg/L	20.0	ND	120	20-227			
trans-1,3-Dichloropropene	24.8	2.0	µg/L	20.0	ND	124	17-183			
Ethylbenzene	22.6	2.0	µg/L	20.0	ND	113	37-162			
Methyl tert-Butyl Ether (MTBE)	22.6	2.0	µg/L	20.0	ND	113	70-130			
Methylene Chloride	20.4	5.0	µg/L	20.0	ND	102	20-221			
1,1,2,2-Tetrachloroethane	22.9	2.0	µg/L	20.0	ND	114	46-157			
Tetrachloroethylene	25.0	2.0	µg/L	20.0	ND	125	64-148			
Toluene	22.6	1.0	µg/L	20.0	ND	113	47-150			

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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 B211335 - SW-846 5030B										
Matrix Spike (B211335-MS1)		**Source: 18H1340-01**		Prepared & Analyzed: 08/29/18						
1,1,1-Trichloroethane	69.4	2.0	µg/L	20.0	45.3	120	52-162			
1,1,2-Trichloroethane	23.1	2.0	µg/L	20.0	ND	115	52-150			
Trichloroethylene	24.0	2.0	µg/L	20.0	ND	120	70-157			
Trichlorofluoromethane (Freon 11)	20.0	2.0	µg/L	20.0	ND	100	17-181			
Vinyl Chloride	17.8	2.0	µg/L	20.0	ND	89.2	20-251			
m+p Xylene	44.8	2.0	µg/L	40.0	ND	112	70-130			
o-Xylene	22.8	2.0	µg/L	20.0	ND	114	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.9		µg/L	25.0		99.8	70-130			
Surrogate: Toluene-d8	25.2		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	26.2		µg/L	25.0		105	70-130			
Matrix Spike Dup (B211335-MSD1)		**Source: 18H1340-01**		Prepared & Analyzed: 08/29/18						
Benzene	22.3	1.0	µg/L	20.0	ND	112	37-151	0.494	61	
Bromodichloromethane	22.8	2.0	µg/L	20.0	ND	114	35-155	0.131	56	
Bromoform	25.1	2.0	µg/L	20.0	ND	126	45-169	4.85	42	
Bromomethane	13.3	2.0	µg/L	20.0	ND	66.6	20-242	14.0	61	
Carbon Tetrachloride	24.7	2.0	µg/L	20.0	ND	124	70-140	0.934	41	
Chlorobenzene	22.4	2.0	µg/L	20.0	ND	112	37-160	1.85	53	
Chlorodibromomethane	24.9	2.0	µg/L	20.0	ND	125	53-149	0.521	50	
Chloroethane	19.7	2.0	µg/L	20.0	ND	98.4	14-230	0.355	78	
Chloroform	22.7	2.0	µg/L	20.0	ND	113	51-138	2.95	54	
Chloromethane	16.3	2.0	µg/L	20.0	ND	81.7	20-273	3.07	60	
1,2-Dichlorobenzene	21.6	2.0	µg/L	20.0	ND	108	18-190	1.77	57	
1,3-Dichlorobenzene	22.0	2.0	µg/L	20.0	ND	110	59-156	2.49	43	
1,4-Dichlorobenzene	21.0	2.0	µg/L	20.0	ND	105	18-190	0.524	57	
1,2-Dichloroethane	21.4	2.0	µg/L	20.0	ND	107	49-155	3.37	49	
1,1-Dichloroethane	24.3	2.0	µg/L	20.0	1.83	112	59-155	1.71	40	
1,1-Dichloroethylene	22.7	2.0	µg/L	20.0	1.01	108	20-234	0.527	32	
trans-1,2-Dichloroethylene	22.6	2.0	µg/L	20.0	ND	113	54-156	0.0442	45	
1,2-Dichloropropane	22.4	2.0	µg/L	20.0	ND	112	20-210	1.08	55	
cis-1,3-Dichloropropene	23.6	2.0	µg/L	20.0	ND	118	20-227	1.18	58	
trans-1,3-Dichloropropene	25.5	2.0	µg/L	20.0	ND	127	17-183	2.67	86	
Ethylbenzene	22.7	2.0	µg/L	20.0	ND	114	37-162	0.706	63	
Methyl tert-Butyl Ether (MTBE)	22.7	2.0	µg/L	20.0	ND	114	70-130	0.441	20	
Methylene Chloride	20.5	5.0	µg/L	20.0	ND	102	20-221	0.686	28	
1,1,2,2-Tetrachloroethane	23.4	2.0	µg/L	20.0	ND	117	46-157	2.29	61	
Tetrachloroethylene	26.0	2.0	µg/L	20.0	ND	130	64-148	3.92	39	
Toluene	22.8	1.0	µg/L	20.0	ND	114	47-150	0.926	41	
1,1,1-Trichloroethane	68.3	2.0	µg/L	20.0	45.3	115	52-162	1.60	36	
1,1,2-Trichloroethane	22.9	2.0	µg/L	20.0	ND	115	52-150	0.696	45	
Trichloroethylene	23.7	2.0	µg/L	20.0	ND	119	70-157	1.09	48	
Trichlorofluoromethane (Freon 11)	20.0	2.0	µg/L	20.0	ND	100	17-181	0.0998	84	
Vinyl Chloride	17.6	2.0	µg/L	20.0	ND	88.0	20-251	1.24	66	
m+p Xylene	45.1	2.0	µg/L	40.0	ND	113	70-130	0.712	20	
o-Xylene	23.0	2.0	µg/L	20.0	ND	115	70-130	0.875	20	
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.0		98.9	70-130			
Surrogate: Toluene-d8	25.2		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	25.6		µg/L	25.0		102	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

EPA 624.1 in Water

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2018
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2018
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

con-test ANALYTICAL LABORATORY

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

39 Spruce Street
East Longmeadow, MA 01028

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

18H1340

Page 1 of 1

Company Name: Arcadis
Address: 855 Route 146, STE 210, Clifton Park, NY
Phone: 518-250-7300 / 607-206-6262
Project Name: Gladding Cordage
Project Location: South Otselic
Project Number: 0026640.0000
Project Manager: J. Wyckoff
Con-Test Quote Name/Number:
Invoice Recipient: J. Wyckoff
Sampled By: L. Whalen

ANALYSIS REQUESTED

Requested Turnaround Time: STD
7-Day, 10-Day
Due Date:
Rush- Approval Required: 1-Day, 3-Day, 2-Day, 4-Day
Data Delivery: Format: PDF ☑ EXCEL ☑ Other:
CLP Like Data Pkg Required:
Email To:
Fax To #:

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code			
01	RW-1 (MS/MSD)	0400	8/27/18		X	GW		X	H	V
02	RW-2	0910			X	→		X		
03	EFF 46 HZ	0920	→		X			X		
04	Trip Blank	—						X		

62.4

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)

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

Dissolved Metals Samples
Field Filtered
Lab to Filter

Orthophosphate Samples
Field Filtered
Lab to Filter

# of Containers
2 Preservation Code
3 Container Code

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

Project Entity
Government, Municipality
Federal, 21 J
City, Brownfield

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

NELAC and AIHA-LAP, LLC Accredited
Chromatogram
AIHA-LAP, LLC
WRTA
MWRA, School, MBTA
Other

PCB ONLY
Soxhlet
Non Soxhlet

Comments:

Relinquished by: (signature) Date/Time: 8/27/18 1300
Received by: (signature) Date/Time: 8/28/18 911 4.2c
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Ex.

TRACK ANOTHER SHIPMENT

806832457800 ✎

☆   ⑦

Delivered
Tuesday 8/28/2018 at 9:11 am

DELIVERED

Signed for by: P.BLAKE

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM

Syracuse, NY US

TO

EAST LONGMEADOW, MA US

Travel History	Shipment Facts

| 8/28/2018 - Tuesday | 9:11 am | Delivered |
| | | E Longmeadow, MA |

Expand History ⌄

| 8/27/2018 - Monday | 11:48 am | Shipment information sent to FedEx |

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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 ___RLF___   Date ___8/28/18___   Time ___911___

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 # ___577___   Actual Temp - ___4.2 C___

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-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

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

Comments:

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

October 9, 2018

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: 18J0025

Enclosed are results of analyses for samples received by the laboratory on October 1, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

Table of Contents

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

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

REPORT DATE: 10/9/2018

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18J0025

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)	18J0025-01	Ground Water		EPA 624.1	
RW-2	18J0025-02	Ground Water		EPA 624.1	
EFF 46 HZ	18J0025-03	Ground Water		EPA 624.1	
Trip Blank	18J0025-04	Trip Blank Water		EPA 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.

EPA 624.1

Qualifications:

L-01

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

Tetrachloroethylene
B214076-BS1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

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

Project Location: South Otselic, NY   Sample Description: Work Order: 18J0025

Date Received: 10/1/2018

Field Sample #: RW-1 (MS/MSD)   Sampled: 10/1/2018 10:04

Sample ID: 18J0025-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
1,1-Dichloroethane	1.6	2.0	0.33	µg/L	1	J	EPA 624.1	10/5/18	10/5/18 15:21	LBD
1,1-Dichloroethylene	0.99	2.0	0.25	µg/L	1	J	EPA 624.1	10/5/18	10/5/18 15:21	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Methylene Chloride	ND	5.0	0.42	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
1,1,1-Trichloroethane	47	2.0	0.25	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:21	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		10/5/18 15:21
Toluene-d8	102	70-130		10/5/18 15:21
4-Bromofluorobenzene	103	70-130		10/5/18 15:21

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

Project Location: South Otselic, NY

Date Received: 10/1/2018

Field Sample #: RW-2

Sample ID: 18J0025-02

Sample Matrix: Ground Water

Sample Description:

Sampled: 10/1/2018 10:04

Work Order: 18J0025

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
1,1-Dichloroethane	0.92	2.0	0.33	µg/L	1	J	EPA 624.1	10/5/18	10/5/18 15:52	LBD
1,1-Dichloroethylene	0.92	2.0	0.25	µg/L	1	J	EPA 624.1	10/5/18	10/5/18 15:52	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Methylene Chloride	ND	5.0	0.42	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
1,1,1-Trichloroethane	43	2.0	0.25	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	10/5/18	10/5/18 15:52	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		10/5/18 15:52
Toluene-d8	99.4	70-130		10/5/18 15:52
4-Bromofluorobenzene	103	70-130		10/5/18 15:52

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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: 18J0025
Date Received: 10/1/2018		
Field Sample #: EFF 46 HZ	Sampled: 10/1/2018 10:04	
Sample ID: 18J0025-03		
Sample Matrix: Ground Water		

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
1,1-Dichloroethane	ND	2.0	0.33	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
1,1-Dichloroethylene	ND	2.0	0.25	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Methylene Chloride	ND	5.0	0.42	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
1,1,1-Trichloroethane	ND	2.0	0.25	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:51	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		10/5/18 14:51
Toluene-d8	101	70-130		10/5/18 14:51
4-Bromofluorobenzene	104	70-130		10/5/18 14:51

![con-test ANALYTICAL LABORATORY]

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

Project Location: South Otselic, NY Sample Description: Work Order: 18J0025

Date Received: 10/1/2018

Field Sample #: Trip Blank Sampled: 10/1/2018 10:04

Sample ID: 18J0025-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.34	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Bromodichloromethane	ND	2.0	0.48	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Bromoform	ND	2.0	0.28	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Bromomethane	ND	2.0	0.44	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Carbon Tetrachloride	ND	2.0	0.39	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Chlorobenzene	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Chlorodibromomethane	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Chloroethane	ND	2.0	0.38	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Chloroform	ND	2.0	0.33	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Chloromethane	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
1,2-Dichlorobenzene	ND	2.0	0.31	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
1,3-Dichlorobenzene	ND	2.0	0.33	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
1,4-Dichlorobenzene	ND	2.0	0.39	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
1,2-Dichloroethane	ND	2.0	0.28	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
1,1-Dichloroethane	ND	2.0	0.33	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
1,1-Dichloroethylene	ND	2.0	0.25	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.40	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
1,2-Dichloropropane	ND	2.0	0.31	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
cis-1,3-Dichloropropene	ND	2.0	0.47	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
trans-1,3-Dichloropropene	ND	2.0	0.37	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Ethylbenzene	ND	2.0	0.37	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.24	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Methylene Chloride	0.42	5.0	0.42	µg/L	1	J	EPA 624.1	10/5/18	10/5/18 14:20	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Tetrachloroethylene	ND	2.0	0.32	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Toluene	ND	1.0	0.35	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
1,1,1-Trichloroethane	ND	2.0	0.25	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
1,1,2-Trichloroethane	ND	2.0	0.22	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Trichloroethylene	ND	2.0	0.41	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.27	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
Vinyl Chloride	ND	2.0	0.30	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
m+p Xylene	ND	2.0	0.65	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD
o-Xylene	ND	2.0	0.35	µg/L	1		EPA 624.1	10/5/18	10/5/18 14:20	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.8	70-130			10/5/18 14:20
Toluene-d8	101	70-130			10/5/18 14:20
4-Bromofluorobenzene	103	70-130			10/5/18 14:20

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

Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
18J0025-01 [RW-1 (MS/MSD)]	B214076	5	5.00	10/05/18
18J0025-02 [RW-2]	B214076	5	5.00	10/05/18
18J0025-03 [EFF 46 HZ]	B214076	5	5.00	10/05/18
18J0025-04 [Trip Blank]	B214076	5	5.00	10/05/18

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 B214076 - SW-846 5030B										
Blank (B214076-BLK1)				Prepared & Analyzed: 10/05/18						
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*24.9*		µg/L	25.0		99.7	70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	*26.2*		µg/L	25.0		105	70-130			
LCS (B214076-BS1)				Prepared & Analyzed: 10/05/18						
Benzene	20.5	1.0	µg/L	20.0		102	65-135			
Bromodichloromethane	23.6	2.0	µg/L	20.0		118	65-135			
Bromoform	24.0	2.0	µg/L	20.0		120	70-130			
Bromomethane	16.8	2.0	µg/L	20.0		83.8	15-185			
Carbon Tetrachloride	24.1	2.0	µg/L	20.0		120	70-130			
Chlorobenzene	21.7	2.0	µg/L	20.0		109	65-135			
Chlorodibromomethane	26.5	2.0	µg/L	20.0		132	70-135			
Chloroethane	21.1	2.0	µg/L	20.0		106	40-160			
Chloroform	22.0	2.0	µg/L	20.0		110	70-135			
Chloromethane	17.7	2.0	µg/L	20.0		88.6	20-205			
1,2-Dichlorobenzene	19.7	2.0	µg/L	20.0		98.5	65-135			
1,3-Dichlorobenzene	19.9	2.0	µg/L	20.0		99.7	70-130			
1,4-Dichlorobenzene	19.4	2.0	µg/L	20.0		96.8	65-135			
1,2-Dichloroethane	23.1	2.0	µg/L	20.0		115	70-130			

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B214076 - SW-846 5030B										
LCS (B214076-BS1)				Prepared & Analyzed: 10/05/18						
1,1-Dichloroethane	21.3	2.0	µg/L	20.0		107	70-130			
1,1-Dichloroethylene	22.5	2.0	µg/L	20.0		112	50-150			
trans-1,2-Dichloroethylene	20.8	2.0	µg/L	20.0		104	70-130			
1,2-Dichloropropane	20.9	2.0	µg/L	20.0		105	35-165			
cis-1,3-Dichloropropene	24.1	2.0	µg/L	20.0		121	25-175			
trans-1,3-Dichloropropene	25.7	2.0	µg/L	20.0		128	50-150			
Ethylbenzene	21.2	2.0	µg/L	20.0		106	60-140			
Methyl tert-Butyl Ether (MTBE)	22.0	2.0	µg/L	20.0		110	70-130			
Methylene Chloride	18.0	5.0	µg/L	20.0		89.8	60-140			
1,1,2,2-Tetrachloroethane	20.2	2.0	µg/L	20.0		101	60-140			
Tetrachloroethylene	26.5	2.0	µg/L	20.0		**132** *	70-130			L-01
Toluene	22.2	1.0	µg/L	20.0		111	70-130			
1,1,1-Trichloroethane	23.7	2.0	µg/L	20.0		118	70-130			
1,1,2-Trichloroethane	22.2	2.0	µg/L	20.0		111	70-130			
Trichloroethylene	23.9	2.0	µg/L	20.0		119	65-135			
Trichlorofluoromethane (Freon 11)	23.8	2.0	µg/L	20.0		119	50-150			
Vinyl Chloride	19.5	2.0	µg/L	20.0		97.5	5-195			
m+p Xylene	43.4	2.0	µg/L	40.0		108	70-130			
o-Xylene	21.6	2.0	µg/L	20.0		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	25.1		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	25.8		µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	27.7		µg/L	25.0		111	70-130			
Matrix Spike (B214076-MS1)		**Source: 18J0025-01**		Prepared & Analyzed: 10/05/18						
Benzene	21.6	1.0	µg/L	20.0	ND	108	37-151			
Bromodichloromethane	24.1	2.0	µg/L	20.0	ND	121	35-155			
Bromoform	22.7	2.0	µg/L	20.0	ND	114	45-169			
Bromomethane	17.5	2.0	µg/L	20.0	ND	87.4	20-242			
Carbon Tetrachloride	27.3	2.0	µg/L	20.0	ND	136	70-140			
Chlorobenzene	21.4	2.0	µg/L	20.0	ND	107	37-160			
Chlorodibromomethane	25.4	2.0	µg/L	20.0	ND	127	53-149			
Chloroethane	23.3	2.0	µg/L	20.0	ND	117	14-230			
Chloroform	23.5	2.0	µg/L	20.0	ND	117	51-138			
Chloromethane	25.4	2.0	µg/L	20.0	ND	127	20-273			
1,2-Dichlorobenzene	19.2	2.0	µg/L	20.0	ND	96.1	18-190			
1,3-Dichlorobenzene	19.4	2.0	µg/L	20.0	ND	97.0	59-156			
1,4-Dichlorobenzene	18.6	2.0	µg/L	20.0	ND	93.0	18-190			
1,2-Dichloroethane	23.1	2.0	µg/L	20.0	ND	115	49-155			
1,1-Dichloroethane	24.3	2.0	µg/L	20.0	1.62	113	59-155			
1,1-Dichloroethylene	26.0	2.0	µg/L	20.0	0.990	125	20-234			
trans-1,2-Dichloroethylene	22.4	2.0	µg/L	20.0	ND	112	54-156			
1,2-Dichloropropane	21.4	2.0	µg/L	20.0	ND	107	20-210			
cis-1,3-Dichloropropene	23.1	2.0	µg/L	20.0	ND	115	20-227			
trans-1,3-Dichloropropene	25.4	2.0	µg/L	20.0	ND	127	17-183			
Ethylbenzene	20.9	2.0	µg/L	20.0	ND	104	37-162			
Methyl tert-Butyl Ether (MTBE)	22.2	2.0	µg/L	20.0	ND	111	70-130			
Methylene Chloride	19.2	5.0	µg/L	20.0	ND	96.2	20-221			
1,1,2,2-Tetrachloroethane	18.8	2.0	µg/L	20.0	ND	94.2	46-157			
Tetrachloroethylene	26.4	2.0	µg/L	20.0	ND	132	64-148			
Toluene	22.3	1.0	µg/L	20.0	ND	111	47-150			
1,1,1-Trichloroethane	75.3	2.0	µg/L	20.0	46.6	143	52-162			
1,1,2-Trichloroethane	22.0	2.0	µg/L	20.0	ND	110	52-150			

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B214076 - SW-846 5030B										
Matrix Spike (B214076-MS1)		Source: 18J0025-01		Prepared & Analyzed: 10/05/18						
Trichloroethylene	23.8	2.0	µg/L	20.0	ND	119	70-157			
Trichlorofluoromethane (Freon 11)	27.1	2.0	µg/L	20.0	ND	136	17-181			
Vinyl Chloride	23.3	2.0	µg/L	20.0	ND	116	20-251			
m+p Xylene	42.6	2.0	µg/L	40.0	ND	106	70-130			
o-Xylene	21.2	2.0	µg/L	20.0	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	25.7		µg/L	25.0		103	70-130			
Surrogate: Toluene-d8	24.8		µg/L	25.0		99.3	70-130			
Surrogate: 4-Bromofluorobenzene	26.8		µg/L	25.0		107	70-130			
Matrix Spike Dup (B214076-MSD1)		Source: 18J0025-01		Prepared & Analyzed: 10/05/18						
Benzene	22.5	1.0	µg/L	20.0	ND	113	37-151	4.13	61	
Bromodichloromethane	25.0	2.0	µg/L	20.0	ND	125	35-155	3.66	56	
Bromoform	23.9	2.0	µg/L	20.0	ND	119	45-169	5.07	42	
Bromomethane	20.9	2.0	µg/L	20.0	ND	105	20-242	17.9	61	
Carbon Tetrachloride	28.0	2.0	µg/L	20.0	ND	140	70-140	2.46	41	
Chlorobenzene	22.3	2.0	µg/L	20.0	ND	111	37-160	4.03	53	
Chlorodibromomethane	27.0	2.0	µg/L	20.0	ND	135	53-149	6.14	50	
Chloroethane	24.0	2.0	µg/L	20.0	ND	120	14-230	2.79	78	
Chloroform	24.8	2.0	µg/L	20.0	ND	124	51-138	5.55	54	
Chloromethane	26.3	2.0	µg/L	20.0	ND	131	20-273	3.60	60	
1,2-Dichlorobenzene	20.0	2.0	µg/L	20.0	ND	100	18-190	4.08	57	
1,3-Dichlorobenzene	20.3	2.0	µg/L	20.0	ND	102	59-156	4.48	43	
1,4-Dichlorobenzene	19.6	2.0	µg/L	20.0	ND	98.0	18-190	5.24	57	
1,2-Dichloroethane	24.2	2.0	µg/L	20.0	ND	121	49-155	4.90	49	
1,1-Dichloroethane	25.2	2.0	µg/L	20.0	1.62	118	59-155	3.72	40	
1,1-Dichloroethylene	26.2	2.0	µg/L	20.0	0.990	126	20-234	1.15	32	
trans-1,2-Dichloroethylene	23.5	2.0	µg/L	20.0	ND	118	54-156	4.61	45	
1,2-Dichloropropane	21.8	2.0	µg/L	20.0	ND	109	20-210	1.95	55	
cis-1,3-Dichloropropene	24.3	2.0	µg/L	20.0	ND	121	20-227	5.11	58	
trans-1,3-Dichloropropene	26.7	2.0	µg/L	20.0	ND	134	17-183	4.98	86	
Ethylbenzene	21.9	2.0	µg/L	20.0	ND	110	37-162	5.00	63	
Methyl tert-Butyl Ether (MTBE)	23.5	2.0	µg/L	20.0	ND	118	70-130	5.95	20	
Methylene Chloride	19.7	5.0	µg/L	20.0	ND	98.4	20-221	2.16	28	
1,1,2,2-Tetrachloroethane	20.1	2.0	µg/L	20.0	ND	101	46-157	6.47	61	
Tetrachloroethylene	27.5	2.0	µg/L	20.0	ND	137	64-148	4.01	39	
Toluene	23.4	1.0	µg/L	20.0	ND	117	47-150	4.91	41	
1,1,1-Trichloroethane	76.5	2.0	µg/L	20.0	46.6	149	52-162	1.55	36	
1,1,2-Trichloroethane	23.6	2.0	µg/L	20.0	ND	118	52-150	6.79	45	
Trichloroethylene	25.4	2.0	µg/L	20.0	ND	127	70-157	6.75	48	
Trichlorofluoromethane (Freon 11)	28.2	2.0	µg/L	20.0	ND	141	17-181	4.05	84	
Vinyl Chloride	24.5	2.0	µg/L	20.0	ND	123	20-251	5.19	66	
m+p Xylene	45.0	2.0	µg/L	40.0	ND	113	70-130	5.55	20	
o-Xylene	22.5	2.0	µg/L	20.0	ND	112	70-130	6.14	20	
Surrogate: 1,2-Dichloroethane-d4	25.2		µg/L	25.0		101	70-130			
Surrogate: Toluene-d8	24.8		µg/L	25.0		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	26.9		µg/L	25.0		108	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).
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 624.1 in Water	
Benzene	CT,NY,RI,NC,MA,NH
Bromodichloromethane	CT,NY,RI,NC,MA,NH
Bromoform	CT,NY,RI,NC,MA,NH
Bromomethane	CT,NY,RI,NC,MA,NH
Carbon Tetrachloride	CT,NY,RI,NC,MA,NH
Chlorobenzene	CT,NY,RI,NC,MA,NH
Chlorodibromomethane	CT,NY,RI,NC,MA,NH
Chloroethane	CT,NY,RI,NC,MA,NH
Chloroform	CT,NY,RI,NC,MA,NH
Chloromethane	CT,NY,RI,NC,MA,NH
1,2-Dichlorobenzene	CT,NY,RI,NC,MA,NH
1,3-Dichlorobenzene	CT,NY,RI,NC,MA,NH
1,4-Dichlorobenzene	CT,NY,RI,NC,MA,NH
1,2-Dichloroethane	CT,NY,RI,NC,MA,NH
1,1-Dichloroethane	CT,NY,RI,NC,MA,NH
1,1-Dichloroethylene	CT,NY,RI,NC,MA,NH
trans-1,2-Dichloroethylene	CT,NY,RI,NC,MA,NH
1,2-Dichloropropane	CT,NY,RI,NC,MA,NH
cis-1,3-Dichloropropene	CT,NY,RI,NC,MA,NH
trans-1,3-Dichloropropene	CT,NY,RI,NC,MA,NH
Ethylbenzene	CT,NY,RI,NC,MA,NH
Methyl tert-Butyl Ether (MTBE)	NY,NC,MA,NH
Methylene Chloride	CT,NY,RI,NC,MA,NH
1,1,2,2-Tetrachloroethane	CT,NY,RI,NC,MA,NH
Tetrachloroethylene	CT,NY,RI,NC,MA,NH
Toluene	CT,NY,RI,NC,MA,NH
1,1,1-Trichloroethane	CT,NY,RI,NC,MA,NH
1,1,2-Trichloroethane	CT,NY,RI,NC,MA,NH
Trichloroethylene	CT,NY,RI,NC,MA,NH
Trichlorofluoromethane (Freon 11)	CT,NY,RI,NC,MA,NH
Vinyl Chloride	CT,NY,RI,NC,MA,NH
m+p Xylene	CT,NY,RI,NC,MA,NH
o-Xylene	CT,NY,RI,NC,MA,NH

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2018
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2019
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

con-test®
ANALYTICAL LABORATORY

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http://www.contestlabs.com

CHAIN OF CUSTODY RECORD (New York)

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ALB

ANALYSIS REQUESTED

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: 0026 9406 0000
Project Manager: J. Wyckoff
Con-Test Quote Name/Number:
Invoice Recipient: J. Wyckoff
Sampled By: L. Whalen

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Due Date: 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	H	✓	624
01	RW-1 (ms/msD)	1500	9/27/18		X	GW				X
03	RW-2	1510	9/27/18		X					X
03	EFF 46 HZ	1515	9/27/18		X					X
04	Trip Blank 92718	-	-		-					X

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

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)

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

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

# of Containers
Preservation Code
Container Code

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

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 ☐

Project Entity
Government ☐   Municipality ☐
Federal ☐   21 J ☐
City ☐   Brownfield ☐

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

NELAC and AIHA-LAP, LLC Accredited
Other
MWRA ☐   WRTA ☐
School ☐
MBTA ☐

Other
Chromatogram ☐
AIHA-LAP, LLC ☐

PCB ONLY
Soxhlet ☐
Non Soxhlet ☐

Comments:

Relinquished by: (signature) L. Whalen   Date/Time: 9/28 1110
Received by: (signature) PWolfe   Date/Time: 10/1/18 10:04   15.1
Relinquished by: (signature)   Date/Time:
Received by: (signature)   Date/Time:
Relinquished by: (signature)   Date/Time:
Received by: (signature)   Date/Time:

Sign In

TRACK ANOTHER SHIPMENT

806832457832

Delivered
Monday 10/01/2018 at 10:04 am

DELIVERED

Signed for by: P.BLAKE

GET STATUS UPDATES
OBTAIN PROOF OF DELIVERY

FROM
EAST LONGMEADOW, MA US
TO
EAST LONGMEADOW, MA US

Travel History   Shipment Facts

10/01/2018 - Monday   10:04 am   **Delivered**
                                                       E Longmeadow, MA

                                 Expand History

9/28/2018 - Friday   6:15 pm   **Shipment information sent to FedEx**

Ask FedEx

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Our Portfolio   Corporate Responsibility   Developer Resource Center
Investor Relations   Newsroom   FedEx Cross Border   English
Careers   Contact Us

1 of 2

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 DB   Date 10·1·18   Time 10:04

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

Were samples within Temperature? 2-6°C F   By Gun # 577   Actual Temp - 15.1

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   Project T

Analysis T   ID's T   Sampler Name T   Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? 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? ~~No~~ 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-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

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

Comments:

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