ARCADIS Design & Consultancy for natural and built assets

New York State Department of Environmental Conservation

GLADDING CORDAGE SITE QUARTERLY REPORT

SITE 7-09-009

Fourth Quarter 2016

March 2017

,

GLADDING CORDAGE SITE QUARTERLY REPORT

Fourth Quarter 2016

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ACRONYMS AND ABBREVIATIONS

Amsl	above mean sea level
BTEX	Benzene, toluene, ethylbenzene, and xylene.
Ft	feet
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 fourth quarter 2016 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 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 treatment system 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 VOCs in effluent samples from the treatment system, the VFD setting was subsequently increased to 46 HZ in September 2010 and was maintained at that frequency until November 19, 2014.

Based on a general trend of lower concentrations of VOCs in influent treatment system samples since September 2010, the NYSDEC authorized a reduction of the VFD frequency to 44 HZ in an attempt to further optimize treatment plant operations and reduce electric usage. The VFD frequency was lowered to 44 HZ on November 19, 2014. Following approximately one-half hour of operation, post-treatment effluent samples were collected in accordance with the Work Plan (see Section 3.2.1). Based on a review of post-treatment effluent sample data from November 19, 2014, 1,1,1 TCA and toluene were detected with the air stripper blower operating at 44 HZ, but at concentrations below the corresponding NYSDEC Class GA Standards. The NYSDEC was notified of the VOC detections and the blower motor frequency was subsequently increased to 46 HZ 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 on October 5th, 2016 due to a power interruption (AC Fail). The system was restarted remotely on October 7th, 2016. In November 2016, the treatment plant shut down on three occasions due to power interruptions on November 1st, November 15th, and November 29th. The treatment system was restarted remotely on November 6th, 2016 following the November 1st power outage; restarted remotely on November 17th following the November 15th power outage; and restarted manually on December 4th following the November 29th power outage. The system could not be restarted remotely following the November 29th power outage due to a lack of communication with the PLC. After this power outage, the PLC was rebooted and the system was restarted from the site.

The average monthly flow rates and total flow volumes for the fourth quarter 2016 operating period are summarized in Table 3-1. As shown in Table 3-1, the monthly flow rates from recovery wells RW-1 and RW-2 averaged approximately 25.6 gpm and 23.8 gpm, respectively. Based on the total flow values, approximately 5.4 million gallons of water were treated and discharged to the Otselic River between October and December 2016.

3.3 Treatment System Sampling

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

3.3.1 Influent Sample Results

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

Table 3-2 and Figure 3-1 show that the concentrations of 1,1,1-TCA in samples from recovery well RW-1 ranged between 39 µg/L in October and 42 µg/L in November. Table 3-3 and Figure 3-1 show that the concentrations of 1,1,1-TCA in the samples from recovery well RW-2 were similar to the previous month, (35 µg/L in November and 32 µg/L in December). As shown in Tables 3-2 and 3-3, these results are

within the range of historic concentrations and exceed the corresponding NYSDEC Class GA Standard of 5 µg/L.

As shown in Tables 3-2 and 3-3, 1,1-dichloroethane (1,1-DCA) and 1,1-dichloroethene (1,1-DCE) were detected in the fourth quarter 2016 samples from recovery wells RW-1 and RW-2. As shown in Table 3-2, 1,1,2-trichloroethane was detected in recovery well RW-1 at a level that is lower than the NYSDEC Class GA Standard of 1 µg/L. As shown in Table 3-3, chloromethane (methyl chloride), a common laboratory contaminant, was also detected in the fourth quarter 2016 samples from recovery well RW-2. However, consistent with previous results, the detected concentrations were less than the applicable 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, concentrations of both 1,1,1- TCA and chloromethane were detected in the fourth quarter 2016 effluent samples. However, the concentrations were less than the applicable NYSDEC Class GA Standard of 5 µg/L.

Based on influent sample concentrations and total flow volumes from the Gladding Cordage treatment system, approximately 1.8 pounds of VOCs were removed by the treatment system during the fourth quarter 2016. The total VOC mass removed in 2016 was approximately 6.4 pounds.

4 GROUNDWATER MONITORING PROGRAM

Groundwater samples were collected from the site during the third quarter 2016 in accordance with the Work Plan. The results of the sampling event were submitted in the third quarter 2016 Gladding Cordage Site Quarterly Report (Arcadis, 2017). The next groundwater sampling event is scheduled to take place during the fourth quarter 2017.

5 RECOMMENDATIONS

If low-level detections of 1,1,1-TCA persist in post-treatment effluent samples during the first quarter 2017, it is recommended that the air stripper be disassembled and cleaned.

6 SUMMARY

The Gladding Cordage groundwater treatment system had several interruptions during the fourth quarter 2016 due to power outages. With the exception of the one event, the system was restarted remotely following each power interruption. The average total flow through the treatment system was approximately 49 GPM.

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

The treatment successfully removes VOCs from groundwater extracted from the capture zone at the current VFD setting of 46 Hz. However, low-level detections of 1,1,1-TCA in the December effluent samples may indicate that the air stripper needs to be cleaned. The VFD setting will continue to be evaluated based on system monitoring results. Approximately 1.8 pounds of VOCs were removed by the treatment system during the fourth quarter 2016. The total VOC mass removed in 2016 was approximately 6.4 pounds.

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

7 REFERENCES

Arcadis, 2017, Gladding Cordage Site Quarterly Report, Third Quarter 2016, Arcadis CE, Inc., November February, 2017.

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-16	29	94%	100%	100%	20.7	22.1	39,095,592	35,850,122	875,567	912,846	1,788,413	
February-16	29	100%	100%	100%	21.9	22.2	39,988,542	36,759,764	892,950	909,642	1,802,592	5,501,623
March-16	31	100%	100%	100%	20.6	21.4	40,931,049	37,727,875	942,507	968,111	1,910,618	
April-16	29	97%	100%	100%	21.1	21.2	41,816,850	38,633,091	885,801	905,216	1,791,017	
May-16	29	94%	100%	100%	21.9	21.1	42,727,616	39,534,066	910,766	900,975	1,811,741	5,088,795
June-16	23	77%	100%	100%	24.9	21.6	43,515,441	40,232,278	787,825	698,212	1,486,037	
July-16	26	84%	100%	100%	25.1	22.6	44,489,448	41,120,013	974,007	887,735	1,861,742	
August-16	25	81%	100%	100%	25.8	23.2	45,398,795	41,958,714	909,347	838,701	1,748,048	5,592,798
September-16	28	93%	100%	100%	25.6	23.7	46,429,587	42,910,930	1,030,792	952,216	1,983,008	
October-16	28	90%	100%	100%	25.2	23.8	47,490,153	43,894,225	1,060,566	983,295	2,043,861	
November-16	19	63%	100%	100%	25.8	23.6	48,297,839	44,642,649	807,686	748,424	1,556,110	5,348,351
December-16	26	84%	100%	100%	25.7	24.0	49,198,978	45,489,890	901,139 *	847,241 *	1,748,380	
Total Flow 2016									**10,978,953**	**10,552,614**	**21,531,567**	

Notes:
* - Estimated flow rate based on operational time
gpm - Gallons per minute

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

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	RW-1 1/25/2016 WATER ug/L	RW-1 2/26/2016 WATER ug/L	RW-1 3/18/2016 WATER ug/L	RW-1 4/22/2016 WATER ug/L	RW-1 5/23/2016 WATER ug/L	RW-1 6/24/2016 WATER ug/L	RW-1 7/25/2016 WATER ug/L	RW-1 8/18/2016 WATER ug/L	RW-1 9/16/2016 WATER ug/L	RW-1 10/31/2016 WATER ug/L	RW-1 11/28/2016 WATER ug/L	RW-1 12/4/2016 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	**38**	**36**	**36**	**31**	**34**	**32**	**35**	**34**	**36**	**39**	**42**	**41**
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 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	**0.25 J**
1,1-Dichloroethane	5	**1.8 J**	**1.5 J**	**1.4 J**	**1.2 J**	**1.3 J**	**1.1 J**	**1.5 J**	**1.6 J**	**1.6 J**	**1.7 J**	**2.1**	**2 J**
1,1-Dichloroethene	5	**0.84 J**	**0.79 J**	**0.86 J**	**0.84 J**	**0.77 J**	**0.69 J**	**0.68 J**	**0.89 J**	**0.75 J**	**0.91 J**	**1.0 J**	**1.2 J**
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Chloroethyl Vinyl Ether		10.0 U	10 U	10 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10 U	10 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane (Methyl Chloride)	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**0.77 J**	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	2.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	5.0 U	2.0 U	2.0 U	5.0 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
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		40.6	38.3	38.3	33.0	36.1	33.8	38.0	36.5	38.4	41.6	45.1	44.5

- Concentration exceeds corresponding NYSD Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

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

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	RW-2 1/25/2016 WATER ug/L	RW-2 2/26/2016 WATER ug/L	RW-2 3/18/2016 WATER ug/L	RW-2 4/22/2016 WATER ug/L	RW-2 5/23/2016 WATER ug/L	RW-2 6/24/2016 WATER ug/L	RW-2 7/25/2016 WATER ug/L	RW-2 8/18/2016 WATER ug/L	RW-2 9/16/2016 WATER ug/L	RW-2 10/31/2016 WATER ug/L	RW-2 11/28/2016 WATER ug/L	RW-2 12/4/2016 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	**32**	**29**	**29**	**25**	**28**	**33**	**28**	**29**	**35**	**33**	**35**	**32**
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	**0.86 J**	**0.62 J**	**0.62 J**	**0.53 J**	**0.56 J**	**0.58 J**	**0.66 J**	**0.70 J**	**0.77 J**	**0.78 J**	**0.89 J**	**0.82 J**
1,1-Dichloroethene	5	**0.64 J**	**0.56 J**	**0.66 J**	**0.60 J**	**0.62 J**	**0.58 J**	**0.48 J**	**0.72 J**	**0.82 J**	**0.78 J**	**0.87 J**	**0.86 J**
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Chloroethyl Vinyl Ether		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane (Methyl Chloride)	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**0.59 J**	2.0 U	2.0 U	2.0 U	**2.4**	**0.57 J**
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	5.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		33.5	30.2	30.3	26.1	29.2	34.2	29.7	30.4	36.6	34.6	39.2	34.3

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

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

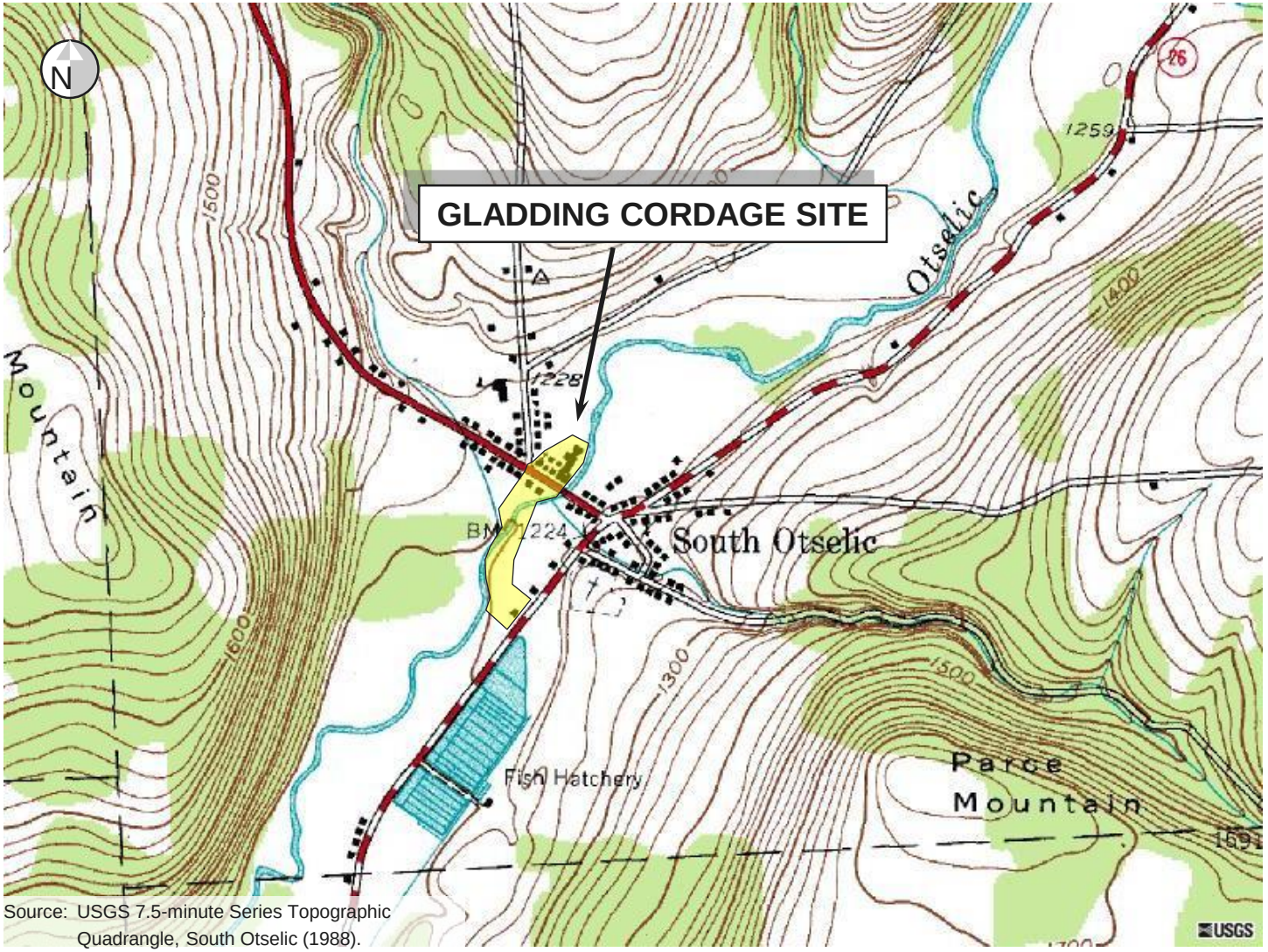
Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(46HZ) 1/25/2016 WATER ug/L	EFF(46HZ) 2/26/2016 WATER ug/L	EFF(46HZ) 3/18/2016 WATER ug/L	EFF(46HZ) 4/22/2016 WATER ug/L	EFF(46HZ) 5/23/2016 WATER ug/L	EFF(46HZ) 6/24/2016 WATER ug/L	EFF(46HZ) 7/25/2016 WATER ug/L	EFF(46HZ) 8/18/2016 WATER ug/L	EFF(46HZ) 9/16/2016 WATER ug/L	EFF(46HZ) 10/31/2016 WATER ug/L	EFF(46HZ) 11/28/2016 WATER ug/L	EFF(46HZ) 12/4/2016 WATER ug/L
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	1.0 U	1.0 U	1.0 U	1.0 U	**0.15 J**
1,1,2,2-Tetrachloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1,2-Trichloroethane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloroethane	0.6	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane	1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,3-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,4-Dichlorobenzene	3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2-Chloroethyl Vinyl Ether		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane (Methyl Chloride)	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**1.0 J**	2.0 U	2.0 U	2.0 U	**2.3**	**0.73 J**
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	5.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCS													

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

FIGURES

Figure 2-1
Site Location

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



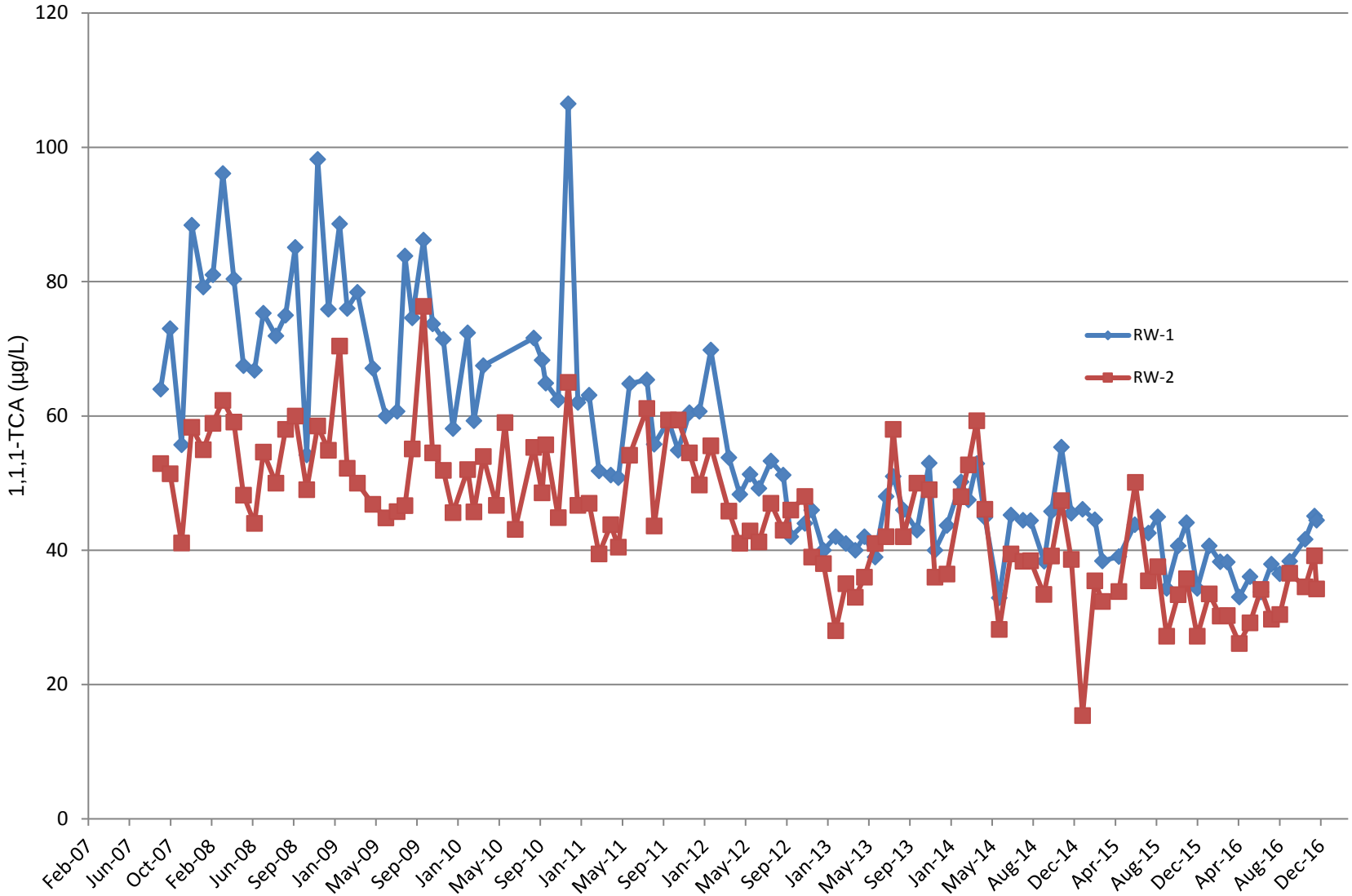
Source: USGS 7.5-minute Series Topographic Quadrangle, South Otselic (1988).

0 2,000 ft

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

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

Gladding Cordage Site
NYSDEC Site Number 7-09-009



APPENDIX A

PLC Facsimile Reports

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/01/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 15:02:21 ON 09/14/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 24.9	GPM	TOTAL FLOW is	46466033	GAL				
W2_FLO is 23.1	GPM	TOTAL FLOW is	42944584	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	467289	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.84	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.78	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.07	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.07	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/02/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 15:02:21 ON 09/14/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.3	GPM	TOTAL FLOW is	46502440	GAL			
W2_FLO is	23.5	GPM	TOTAL FLOW is	42978279	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	467368	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.05	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.91	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.84	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	31.07	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.17	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.4	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	62.9	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/03/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 15:02:21 ON 09/14/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.4	GPM	TOTAL FLOW is	46538827	GAL			
W2_FLO is	23.3	GPM	TOTAL FLOW is	43011970	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	467434	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.05	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.82	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.74	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	30.95	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.17	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.6	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	63.5	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/04/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 15:02:21 ON 09/14/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.4	GPM	TOTAL FLOW is	46575189	GAL				
W2_FLO is 23.5	GPM	TOTAL FLOW is	43045646	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	467505	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.79	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.71	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.22	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.15	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/05/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 15:02:21 ON 09/14/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.1	GPM	TOTAL FLOW is	46611531	GAL				
W2_FLO is 23.2	GPM	TOTAL FLOW is	43079310	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	467574	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.72	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 31.36	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.20	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.7	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 @ 09:34:31 ON 10/05/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P19 : LAST SHUTDOWN @ 15:02:21 ON 09/14/2016 BY ASBVFD
FAX REPORT INITIATED BY PROCESS 18

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	46616928	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	43084310	GAL				
ASBPRS is 0.0	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	467586	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI
HP_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP
W1_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W1_LVL is 0.00	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT
W2_LVL is 0.00	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
INTEMP is 0.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 09:41:00 ON 10/05/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

SHUTD P02 : LAST SHUTDOWN @ 15:02:21 ON 09/14/2016 BY ASBVFD
FAX REPORT INITIATED BY PROCESS 19

Discrete Inputs:

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

Discrete Outputs:

W1_GO is OFF	W2_GO is OFF	ASB_GO is 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	46616928	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	43084310	GAL				
ASBPRS is 0.0	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	467586	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI
HP_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP
W1_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W1_LVL is 0.00	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT
W2_LVL is 0.00	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
INTEMP is 0.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/06/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	46616928	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	43084310	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	467586	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.07	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.22	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.59	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/07/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	46616928	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	43084310	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	467586	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.15	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.55	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 60.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/08/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.5	GPM	TOTAL FLOW is	46646064	GAL				
W2_FLO is 23.6	GPM	TOTAL FLOW is	43111352	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	467639	GAL				
HP_PRS is 1.5	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.80	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.73	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.89	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.07	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/09/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.6	GPM	TOTAL FLOW is	46682776	GAL				
W2_FLO is 24.0	GPM	TOTAL FLOW is	43145459	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	467716	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.79	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.73	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.94	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/15/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.2	GPM	TOTAL FLOW is	46902362	GAL				
W2_FLO is 23.8	GPM	TOTAL FLOW is	43349393	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	468362	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.90	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.83	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.05	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 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 55.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/16/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.5	GPM	TOTAL FLOW is	46938972	GAL				
W2_FLO is 23.5	GPM	TOTAL FLOW is	43383400	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	468458	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.98	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.90	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.81	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/17/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.5	GPM	TOTAL FLOW is	46975560	GAL				
W2_FLO is 23.6	GPM	TOTAL FLOW is	43417383	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	468524	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.84	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.76	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.66	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 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 63.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/18/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.7	GPM	TOTAL FLOW is	47012111	GAL				
W2_FLO is 23.5	GPM	TOTAL FLOW is	43451345	GAL				
ASBPRS is 10.3	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.37	GPM	TOTAL FLOW is	468594	GAL				
HP_PRS is 8.6	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 5.47	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.75	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.68	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.54	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.03	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/19/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.3	GPM	TOTAL FLOW is	47048623	GAL				
W2_FLO is 23.3	GPM	TOTAL FLOW is	43485275	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	468639	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.81	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.75	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.67	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 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.4	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 63.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/20/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.3	GPM	TOTAL FLOW is	47085187	GAL				
W2_FLO is 22.9	GPM	TOTAL FLOW is	43519235	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	468727	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.84	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.78	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.88	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 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/20/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.3	GPM	TOTAL FLOW is	47085187	GAL				
W2_FLO is 22.9	GPM	TOTAL FLOW is	43519235	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	468727	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.84	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.78	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.88	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 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/20/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.3	GPM	TOTAL FLOW is	47085187	GAL				
W2_FLO is 22.9	GPM	TOTAL FLOW is	43519235	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	468727	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.84	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.78	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 30.88	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 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 61.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/21/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.6	GPM	TOTAL FLOW is	47121798	GAL				
W2_FLO is 23.9	GPM	TOTAL FLOW is	43553203	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	468805	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.78	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.72	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.94	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.50	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.3	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 10/22/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.5	GPM	TOTAL FLOW is	47158732	GAL				
W2_FLO is 23.8	GPM	TOTAL FLOW is	43587415	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	468912	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.76	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.71	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.50	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.29	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 59.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/23/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.3	GPM	TOTAL FLOW is	47195709	GAL				
W2_FLO is 23.6	GPM	TOTAL FLOW is	43621643	GAL				
ASBPRS is 10.6	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	469045	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.81	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.76	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.39	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.96	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 57.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/24/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.4	GPM	TOTAL FLOW is	47232724	GAL			
W2_FLO is	23.8	GPM	TOTAL FLOW is	43655904	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	469155	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.72	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.65	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	32.81	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	57.16	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.5	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	58.6	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/25/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.5	GPM	TOTAL FLOW is	47269586	GAL				
W2_FLO is 23.3	GPM	TOTAL FLOW is	43690023	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	469291	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.13	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.54	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.70	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 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 58.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/27/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 24.9	GPM	TOTAL FLOW is	47343127	GAL				
W2_FLO is 23.4	GPM	TOTAL FLOW is	43758093	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	CFM	TOTAL FLOW is	469568	CAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.62	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 32.50	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.31	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 56.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/28/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.8	GPM	TOTAL FLOW is	47379885	GAL			
W2_FLO is	23.5	GPM	TOTAL FLOW is	43792109	GAL			
ASBPRS is	10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC
HP_FLO is	0.00	GPM	TOTAL FLOW is	469726	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP
W1_AMP is	4.65	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	32.87	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT
W2_LVL is	56.82	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT
W1_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
W2_PRS is	4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
INTEMP is	56.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 10/31/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

[illegible]

Discrete Inputs:

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

[illegible]

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

Analog Inputs:

ASBPRS is [illegible]	IWC	LIMITS are	L: [illegible]	IWC	H: [illegible]	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	470149	GAL		
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
W1_AMP is 4.62	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 32.65	FT	LIMITS are	L: [illegible]	FT	H: [illegible]	FT
W2_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI
INTEMP is 57.4	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/01/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.3	GPM	TOTAL FLOW is	47526881	GAL			
W2_FLO is	23.8	GPM	TOTAL FLOW is	43928249	GAL			
ASBPRS is	10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC
HP_FLO is	0.00	GPM	TOTAL FLOW is	470406	GAL			
HP_PRS is	1.5	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP
W1_AMP is	4.62	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W2_AMP is	4.56	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W1_LVL is	32.69	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT
W2_LVL is	56.40	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT
W1_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
W2_PRS is	4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
INTEMP is	50.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. ProControl Series II+

To:

JEREMY WYCKOFF

From:

SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

SHUTD : LAST SHUTDOWN @ 09:44:32 ON 10/05/2016 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 29

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	ASP_GO is ON	SMP_GO is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	47537650	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	43938228	GAL				
ASPPRS is 0.5	INC	LIMITS are	L: 5.0	INC	H: 30.0	INC		
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP		
W1_LVL is 34.38	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT		
W2_LVL is 57.37	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT		
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI		
HP_PRS is 0.0	PSI	LIMITS are	L: 0.0	PSI	H: 100.0	PSI		

Analog Outputs:

ASBSPD 0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. ProControl Series II+

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 13:02:58 ON 11/01/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

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

Analog Inputs:

W2_FLO is 0.0	GPM	TOTAL FLOW is	43930220	GAL				
ASBPRS is 0.5	IWC	LIMITS are	L:	5.0	IWC	H:	30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is		470475	GAL			
HP_PRS is 0.8	PSI	LIMITS are	L:	-2.0	PSI	H:	20.0	PSI
HP_AMP is 0.06	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
W2_PRS is 0.0	PSI	LIMITS are	L:	0.5	PSI	H:	100.0	PSI
INTEMP is 58.4	DEG	LIMITS are	L:	42.0	DEG	H:	130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

FOS Research Ltd

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/02/2016

MANUAL : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD

Discrete Inputs:

W1_CTR is OFF	W2_CTR is OFF	ASBVFD is OFF	SMPCTR 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 ON	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

W1_FLO is 0.0	GPM	TOTAL FLOW is	47537650	GAL			
W2_FLO is 0.0	GPM	TOTAL FLOW is	43938228	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	470475	GAL			
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.07	AMP	LIMITS are	L: 0.00	AMP	H:	AMP
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 53.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/02/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 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 ON	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	47537650	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	43938228	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	470475	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.07	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.38	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 53.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II

EOS Research Ltd.

Fax Report

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/03/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

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		

AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is ON	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

ASBPRS	is	0.2	IWC	LIMITS are	L:	5.0	IWC	H: 30.0	IWC
HP_FLO	is	0.00	GPM	TOTAL FLOW is		470475	GAL		
HP_PRS	is	0.9	PSI	LIMITS are	L:	-2.0	PSI	H: 20.0	PSI
HP_AMP	is	0.07	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_PRS	is	34.16	FT.	LIMITS are	L:	0.00	FT.	H: 20.00	FT.
INTEMP	is	57.3	DEG	LIMITS are	L:	42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/04/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 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 ON	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	47537650	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	43938228	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	470475	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.07	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 35.15	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 58.43	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 54.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/05/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 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 ON	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	47537650	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	43938228	GAL				
ASBPRS is 0.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	470475	GAL				
HP_PRS is 0.9	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.11	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.95	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 58.15	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 51.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/06/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 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 ON	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	47537650	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	43938228	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	470475	GAL				
HP_PRS is 0.9	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 1.12	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.84	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.98	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 53.8	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/07/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

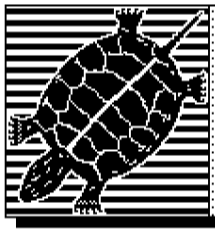
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 25.8	GPM	TOTAL FLOW is	47554584	GAL				
W2_FLO is 23.6	GPM	TOTAL FLOW is	43953776	GAL				
ASBPRS is 11.0	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	470481	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.06	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.69	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 33.02	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.53	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 50.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/08/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.6	GPM	TOTAL FLOW is	47591594	GAL				
W2_FLO is 23.5	GPM	TOTAL FLOW is	43987759	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	470644	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.67	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 32.70	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.36	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 51.1	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/09/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.7	GPM	TOTAL FLOW is	47628491	GAL				
W2_FLO is 23.6	GPM	TOTAL FLOW is	44021699	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	470814	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.68	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 32.25	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.23	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.5	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 56.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/10/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.8	GPM	TOTAL FLOW is	47665411	GAL				
W2_FLO is 23.9	GPM	TOTAL FLOW is	44055611	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	471038	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.68	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 32.37	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.23	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 51.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/11/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.0	GPM	TOTAL FLOW is	47702256	GAL				
W2_FLO is 24.0	GPM	TOTAL FLOW is	44089504	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	471250	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.69	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.63	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.84	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 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 55.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/12/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.5	GPM	TOTAL FLOW is	47739045	GAL			
W2_FLO is	23.7	GPM	TOTAL FLOW is	44123393	GAL			
ASBPRS is	10.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0		IWC
HP_FLO is	0.00	GPM	TOTAL FLOW is	471473	GAL			
HP_PRS is	1.5	PSI	LIMITS are	L: -2.0	PSI	H: 20.0		PSI
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:		AMP
W1_AMP is	4.67	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W2_AMP is	4.59	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W1_LVL is	32.48	FT	LIMITS are	L: 8.00	FT	H: 28.00		FT
W2_LVL is	56.08	FT	LIMITS are	L: 9.00	FT	H: 52.00		FT
W1_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
W2_PRS is	4.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
INTEMP is	51.8	DEG	LIMITS are	L: 42.0	DEG	H: 130.0		DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/13/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.2	GPM	TOTAL FLOW is	47775829	GAL				
W2_FLO is 23.5	GPM	TOTAL FLOW is	44157280	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	471733	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.72	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 32.27	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 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 50.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/14/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO	is 25.9	GPM	TOTAL FLOW is	47812591	GAL					
W2_FLO	is 23.2	GPM	TOTAL FLOW is	44191174	GAL					
ASBPRS	is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC		
HP_FLO	is 2.16	GPM	TOTAL FLOW is	471989	GAL					
HP_PRS	is 1.6	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI		
HP_AMP	is 0.07	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP		
W1_AMP	is 4.69	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 32.16	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT		
W2_LVL	is 55.98	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT		
W1_PRS	is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI		
W2_PRS	is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI		
INTEMP	is 48.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG		

Analog Outputs:

ASBSPD	0.0	PCT	MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/15/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.4	GPM	TOTAL FLOW is	47849282	GAL				
W2_FLO is 23.0	GPM	TOTAL FLOW is	44225024	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	472217	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.64	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.59	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.08	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.87	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.6	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 52.7	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 @ 21:48:11 ON 11/15/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P19 : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD
FAX REPORT INITIATED BY PROCESS 18

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	47873402	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44247273	GAL				
ASBPRS is 0.0	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is	472330	GAL				
HP_PRS is 0.0	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI
HP_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP
W1_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP
W1_LVL is 0.00	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT
W2_LVL is 0.00	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI
INTEMP is 0.0	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 21:54:00 ON 11/15/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

SHUTD P02 : LAST SHUTDOWN @ 13:12:58 ON 11/01/2016 BY ASBVFD
FAX REPORT INITIATED BY PROCESS 19

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	47873402	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44247273	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	472330	GAL				
HP_PRS is 0.9	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.06	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.89	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.20	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 55.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/16/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	47873402	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44247273	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	472330	GAL				
HP_PRS is 0.9	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.07	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.74	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 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 53.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/17/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	47873402	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44247273	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	472330	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.07	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.88	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.24	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 53.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/18/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.3	GPM	TOTAL FLOW is	47895249	GAL				
W2_FLO is 24.0	GPM	TOTAL FLOW is	44267595	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	472489	GAL				
HP_PRS is 1.5	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.66	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.61	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.11	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.85	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 51.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/19/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.7	GPM	TOTAL FLOW is	47932083	GAL			
W2_FLO is	23.8	GPM	TOTAL FLOW is	44301895	GAL			
ASBPRS is	10.7	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	472707	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.69	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	31.89	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.77	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	5.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	52.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/20/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

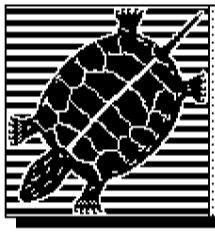
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 25.6	GPM	TOTAL FLOW is	47968883	GAL				
W2_FLO is 24.3	GPM	TOTAL FLOW is	44336179	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	472911	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.69	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.65	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.51	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.79	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 52.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/21/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.5	GPM	TOTAL FLOW is	48005710	GAL				
W2_FLO is 23.7	GPM	TOTAL FLOW is	44370466	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.32	GPM	TOTAL FLOW is	473232	GAL				
HP_PRS is 8.5	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 7.99	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.65	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.60	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 31.58	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.87	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 48.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/22/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.6	GPM	TOTAL FLOW is	48042513	GAL			
W2_FLO is	24.0	GPM	TOTAL FLOW is	44404753	GAL			
ASBPRS is	10.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	473561	GAL			
HP_PRS is	5.1	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	4.71	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.68	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.63	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	32.00	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.91	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	5.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	49.5	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/23/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.5	GPM	TOTAL FLOW is	48079329	GAL			
W2_FLO is	23.9	GPM	TOTAL FLOW is	44439050	GAL			
ASBPRS is	11.0	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	473885	GAL			
HP_PRS is	1.4	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.65	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	32.36	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	55.93	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	5.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	50.5	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/24/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.7	GPM	TOTAL FLOW is	48116120	GAL				
W2_FLO is 23.6	GPM	TOTAL FLOW is	44473362	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 2.34	GPM	TOTAL FLOW is	474188	GAL				
HP_PRS is 8.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 7.31	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.66	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.62	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.28	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 55.85	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 51.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/25/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.1	GPM	TOTAL FLOW is	48152895	GAL			
W2_FLO is	23.8	GPM	TOTAL FLOW is	44507662	GAL			
ASBPRS is	10.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0		IWC
HP_FLO is	0.00	GPM	TOTAL FLOW is	474470	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0		PSI
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:		AMP
W1_AMP is	4.71	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W2_AMP is	4.65	AMP	LIMITS are	L: 0.00	AMP	H: 10.00		AMP
W1_LVL is	32.30	FT	LIMITS are	L: 8.00	FT	H: 28.00		FT
W2_LVL is	55.87	FT	LIMITS are	L: 9.00	FT	H: 52.00		FT
W1_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
W2_PRS is	4.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0		PSI
INTEMP is	52.4	DEG	LIMITS are	L: 42.0	DEG	H: 130.0		DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/26/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

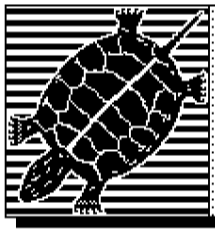
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is	25.5	GPM	TOTAL FLOW is	48189674	GAL			
W2_FLO is	23.8	GPM	TOTAL FLOW is	44541931	GAL			
ASBPRS is	10.8	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	474726	GAL			
HP_PRS is	1.4	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.77	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.72	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	32.43	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	56.06	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.7	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	5.0	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	53.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/27/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.7	GPM	TOTAL FLOW is	48226516	GAL				
W2_FLO is 23.9	GPM	TOTAL FLOW is	44576223	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475000	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.74	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.68	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.61	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.27	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 52.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/28/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.1	GPM	TOTAL FLOW is	48263423	GAL				
W2_FLO is 23.9	GPM	TOTAL FLOW is	44610524	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475278	GAL				
HP_PRS is 1.6	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.71	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.65	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.80	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.42	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.7	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 52.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 04:31:05 ON 11/29/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P12 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 11

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 ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is ON	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	48297839	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44642649	GAL				
ASBPRS is 0.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475300	GAL				
HP_PRS is 0.5	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.07	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.51	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.69	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 68.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 04:38:00 ON 11/29/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

SHUTD P02 : LAST SHUTDOWN @ 21:58:11 ON 11/15/2016 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 12

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 ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is ON	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	48297839	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44642649	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	475300	GAL				
HP_PRS is 0.5	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.06	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.75	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.84	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 67.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/29/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 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 ON	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	48297839	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44642649	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	475300	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 34.69	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 57.86	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 67.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 11/30/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 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 ON	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	48297839	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44642649	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	475300	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 35.43	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 58.74	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 71.1	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/01/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 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:

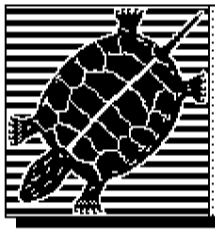
W1_GO is OFF	W2_GO is OFF	ASB_GO is OFF	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is ON	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is OFF	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is	48297839	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44642649	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	475300	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 35.75	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 59.44	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 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 12/02/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 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 ON	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	48297839	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44642649	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	475300	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 36.04	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 59.44	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 67.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/03/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 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 ON	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	48297839	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44642649	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	475300	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 35.73	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 58.89	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 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 66.2	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/04/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

MANUAL : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 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 ON	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	48297839	GAL				
W2_FLO is 0.0	GPM	TOTAL FLOW is	44642649	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	475300	GAL				
HP_PRS is 0.8	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 0.01	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 0.00	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 35.67	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 58.60	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 0.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 65.7	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/05/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.4	GPM	TOTAL FLOW is	48325268	GAL				
W2_FLO is 24.1	GPM	TOTAL FLOW is	44668452	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475300	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.83	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.79	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.02	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.91	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 67.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/06/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.9	GPM	TOTAL FLOW is	48362049	GAL				
W2_FLO is 24.1	GPM	TOTAL FLOW is	44703042	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475300	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.72	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.67	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.11	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.84	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 67.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. — Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/07/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.1	GPM	TOTAL FLOW is	48398753	GAL				
W2_FLO is 24.0	GPM	TOTAL FLOW is	44737572	GAL				
ASBPRS is 10.7	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475300	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.72	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.68	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.80	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.67	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 68.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/08/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.6	GPM	TOTAL FLOW is	48435449	GAL				
W2_FLO is 24.2	GPM	TOTAL FLOW is	44772114	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475300	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.73	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.68	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.84	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.72	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 67.6	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/09/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.7	GPM	TOTAL FLOW is	48472139	GAL			
W2_FLO is	24.2	GPM	TOTAL FLOW is	44806585	GAL			
ASBPRS is	10.9	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	475301	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.68	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.65	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	32.88	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	56.63	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.8	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	5.1	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	64.7	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/10/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.5	GPM	TOTAL FLOW is	48508836	GAL				
W2_FLO is 23.5	GPM	TOTAL FLOW is	44841054	GAL				
ASBPRS is 11.2	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475301	GAL				
HP_PRS is 1.4	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.68	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 33.06	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.61	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.1	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/11/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.6	GPM	TOTAL FLOW is	48545545	GAL				
W2_FLO is 23.7	GPM	TOTAL FLOW is	44875536	GAL				
ASBPRS is 11.3	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475327	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.71	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.66	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 33.15	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.55	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 58.4	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/12/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.8	GPM	TOTAL FLOW is	48582265	GAL				
W2_FLO is 23.9	GPM	TOTAL FLOW is	44909989	GAL				
ASBPRS is 10.8	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475327	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.72	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.68	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 56.21	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.1	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 12/13/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

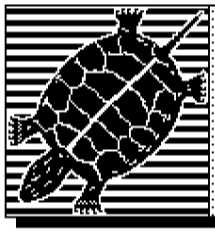
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPGO is ON	

Analog Inputs:

W1_FLO is 25.5	GPM	TOTAL FLOW is	48618904	GAL				
W2_FLO is 23.4	GPM	TOTAL FLOW is	44944381	GAL				
ASBPRS is 11.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475327	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.70	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 32.75	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.44	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.1	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 62.9	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/14/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.7	GPM	TOTAL FLOW is	48655431	GAL				
W2_FLO is 24.0	GPM	TOTAL FLOW is	44978757	GAL				
ASBPRS is 10.9	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475327	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.05	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.68	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 32.59	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.27	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.8	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.0	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 65.5	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 12/15/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.5	GPM	TOTAL FLOW is	48691951	GAL			
W2_FLO is	23.8	GPM	TOTAL FLOW is	45013144	GAL			
ASBPRS is	11.1	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	475354	GAL			
HP_PRS is	1.3	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.68	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	32.30	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	56.29	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	5.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	58.6	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/16/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is	25.3	GPM	TOTAL FLOW is	48728537	GAL			
W2_FLO is	24.1	GPM	TOTAL FLOW is	45047541	GAL			
ASBPRS is	11.5	IWC	LIMITS are	L: 5.0	IWC	H: 30.0	IWC	
HP_FLO is	0.00	GPM	TOTAL FLOW is	475451	GAL			
HP_PRS is	1.5	PSI	LIMITS are	L: -2.0	PSI	H: 20.0	PSI	
HP_AMP is	0.04	AMP	LIMITS are	L: 0.00	AMP	H:	AMP	
W1_AMP is	4.64	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W2_AMP is	4.61	AMP	LIMITS are	L: 0.00	AMP	H: 10.00	AMP	
W1_LVL is	32.66	FT	LIMITS are	L: 8.00	FT	H: 28.00	FT	
W2_LVL is	56.40	FT	LIMITS are	L: 9.00	FT	H: 52.00	FT	
W1_PRS is	4.9	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
W2_PRS is	5.2	PSI	LIMITS are	L: 0.5	PSI	H: 100.0	PSI	
INTEMP is	54.0	DEG	LIMITS are	L: 42.0	DEG	H: 130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 12/17/2016
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.3	GPM	TOTAL FLOW is	48765096	GAL				
W2_FLO is 23.5	GPM	TOTAL FLOW is	45081959	GAL				
ASBPRS is 11.1	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	475524	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.64	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W2_AMP is 4.62	AMP	LIMITS are	L: 0.00	AMP	H:	10.00	AMP	
W1_LVL is 32.60	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 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 60.5	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 01/10/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 04:41:07 ON 11/29/2016 BY ASBVFD

Discrete Inputs:

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

Discrete Outputs:

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

Analog Inputs:

W1_FLO is 25.6	GPM	TOTAL FLOW is	49641925	GAL				
W2_FLO is 23.3	GPM	TOTAL FLOW is	45908059	GAL				
ASBPRS is 11.3	IWC	LIMITS are	L: 5.0	IWC	H:	30.0	IWC	
HP_FLO is 0.00	GPM	TOTAL FLOW is	476342	GAL				
HP_PRS is 1.3	PSI	LIMITS are	L: -2.0	PSI	H:	20.0	PSI	
HP_AMP is 0.04	AMP	LIMITS are	L: 0.00	AMP	H:	.....	AMP	
W1_AMP is 4.68	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 33.39	FT	LIMITS are	L: 8.00	FT	H:	28.00	FT	
W2_LVL is 56.67	FT	LIMITS are	L: 9.00	FT	H:	52.00	FT	
W1_PRS is 4.9	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
W2_PRS is 5.2	PSI	LIMITS are	L: 0.5	PSI	H:	100.0	PSI	
INTEMP is 55.3	DEG	LIMITS are	L: 42.0	DEG	H:	130.0	DEG	

Analog Outputs:

ASBSPD 0.0 PCT MAN

APPENDIX B

O&M Checklists

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	10/31/2016
Inspector	L. Whalen
Time	7:30

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

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	25.2	23.8
Total Flow (Gallons)	47490153	43894225
Water Level (Feet Above Probe)	32.67	56.48
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)	10.7	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	53

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	70
Heat Exchanger Flow (GPM)	0.0	Heat Exchanger Pressure (PSI)	1.3

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

Notes:

Sampled:	RW-1	705
	RW-2	710
	EFF 46 HZ	715

System Chec 745

Trimmed gra 800
(last time for the season)

Turned ceiling heater on Low

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	11/28/2016
Inspector	L. Whalen
Time	6:20

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)	25.8	23.6
Total Flow (Gallons)	48297839	44642649
Water Level (Feet Above Probe)	32.82	56.42
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.7	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	52

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	67
Heat Exchanger Flow (GPM)	0.0	Heat Exchanger Pressure (PSI)	1.4

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

Notes:

Sampled:	RW-1	605
	RW-2	610
	EFF 46 HZ	615
System Check:		620

(Turned ceiling heater up to Med.) 28 ° out today

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	12/4/2016
Inspector	LDW/DSW
Time	11:25

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

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	25.7	24.0
Total Flow (Gallons)	Not reported	Not reported
Water Level (Feet Above Probe)	33.60	57.08
Probe Depth (Feet BTOC)	40.00	65.00

Air Stripper			
Blower VFD Setting (Hertz)	46	Intake/Exhaust Piping OK? (Y/N)	Yes
System Pressure (inches water)	10.8	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	74
Heat Exchanger Flow (GPM)	0.0	Heat Exchanger Pressure (PSI)	1.4

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

Notes:

System down on arrival.

System restarted at 11:19AM (12-4-16)

System check: 11:30

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date	12/29/2016
Inspector	L. Whalen
Time	7:30

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

Recovery Wells	**RW-1**	**RW-2**
Flow Rate (GPM)	25.5	23.7
Total Flow (Gallons)	NR	NR
Water Level (Feet Above Probe)	33.02	56.65
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)	10.8	Water Leaks (Y/N)	No
Influent/Effluent Piping OK? (Y/N)	Yes	Water Temperature (°F)	54.2

Heat Exchanger			
Heat (On/Off)	On	Building Temperature (°F)	67
Heat Exchanger Flow (GPM)	0.0	Heat Exchanger Pressure (PSI)	1.4

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

Notes:

Sampled:	RW-1	6:05
	RW-2	6:10
	EFF 46 HZ	6:15

Shut down and and restart system to reset PLC

APPENDIX C

Analytical Reporting Forms

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

November 11, 2016

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

Project Location: S. Otselic, N.Y.
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 16K0007

Enclosed are results of analyses for samples received by the laboratory on November 1, 2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

Table of Contents

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

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

REPORT DATE: 11/11/2016

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16K0007

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, N.Y.

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RW-1	16K0007-01	Ground Water		EPA 624	
RW-2	16K0007-02	Ground Water		EPA 624	
EFF 46 HZ	16K0007-03	Ground Water		EPA 624	
Trip Blank	16K0007-04	Trip Blank Water		EPA 624	

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

CASE NARRATIVE SUMMARY

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

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

Lisa A. Worthington
Project Manager

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

Project Location: S. Otselic, N.Y. Sample Description: Work Order: 16K0007

Date Received: 11/1/2016

Field Sample #: RW-1 Sampled: 10/31/2016 07:05

Sample ID: 16K0007-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
1,1-Dichloroethane	1.7	2.0	0.16	µg/L	1	J	EPA 624	11/4/16	11/5/16 3:52	EEH
1,1-Dichloroethylene	0.91	2.0	0.21	µg/L	1	J	EPA 624	11/4/16	11/5/16 3:52	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
1,1,1-Trichloroethane	39	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 3:52	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		11/5/16 3:52
Toluene-d8	103	70-130		11/5/16 3:52
4-Bromofluorobenzene	101	70-130		11/5/16 3:52

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

Project Location: S. Otselic, N.Y. Sample Description: Work Order: 16K0007

Date Received: 11/1/2016

Field Sample #: RW-2 Sampled: 10/31/2016 07:10

Sample ID: 16K0007-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
1,1-Dichloroethane	0.78	2.0	0.16	µg/L	1	J	EPA 624	11/4/16	11/5/16 4:19	EEH
1,1-Dichloroethylene	0.78	2.0	0.21	µg/L	1	J	EPA 624	11/4/16	11/5/16 4:19	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
1,1,1-Trichloroethane	33	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 4:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		11/5/16 4:19
Toluene-d8	99.3	70-130		11/5/16 4:19
4-Bromofluorobenzene	99.6	70-130		11/5/16 4:19

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

Project Location: S. Otselic, N.Y. Sample Description: Work Order: 16K0007

Date Received: 11/1/2016

Field Sample #: EFF 46 HZ Sampled: 10/31/2016 07:15

Sample ID: 16K0007-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 3:25	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		11/5/16 3:25
Toluene-d8	102	70-130		11/5/16 3:25
4-Bromofluorobenzene	102	70-130		11/5/16 3:25

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Project Location: S. Otselic, N.Y. Sample Description: Work Order: 16K0007

Date Received: 11/1/2016

Field Sample #: Trip Blank Sampled: 10/31/2016 00:00

Sample ID: 16K0007-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	0.18	1.0	0.12	µg/L	1	J	EPA 624	11/4/16	11/5/16 2:58	EEH
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Toluene	0.48	1.0	0.17	µg/L	1	J	EPA 624	11/4/16	11/5/16 2:58	EEH
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	11/4/16	11/5/16 2:58	EEH
m+p Xylene	0.26	2.0	0.26	µg/L	1	J	EPA 624	11/4/16	11/5/16 2:58	EEH
o-Xylene	0.14	2.0	0.13	µg/L	1	J	EPA 624	11/4/16	11/5/16 2:58	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		11/5/16 2:58
Toluene-d8	101	70-130		11/5/16 2:58
4-Bromofluorobenzene	99.3	70-130		11/5/16 2:58

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Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16K0007-01 [RW-1]	B162482	5	5.00	11/04/16
16K0007-02 [RW-2]	B162482	5	5.00	11/04/16
16K0007-03 [EFF 46 HZ]	B162482	5	5.00	11/04/16
16K0007-04 [Trip Blank]	B162482	5	5.00	11/04/16

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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 B162482 - SW-846 5030B										
Blank (B162482-BLK1)				Prepared & Analyzed: 11/04/16						
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
2-Chloroethyl Vinyl Ether	ND	10	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*25.6*		µg/L	25.0		102	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.5	70-130			
LCS (B162482-BS1)				Prepared & Analyzed: 11/04/16						
Benzene	10.8	1.0	µg/L	10.0		108	37-151			
Bromodichloromethane	10.8	2.0	µg/L	10.0		108	35-155			
Bromoform	10.0	2.0	µg/L	10.0		100	45-169			
Bromomethane	11.9	2.0	µg/L	10.0		119	20-242			
Carbon Tetrachloride	11.4	2.0	µg/L	10.0		114	70-140			
Chlorobenzene	10.8	2.0	µg/L	10.0		108	37-160			
Chlorodibromomethane	9.65	2.0	µg/L	10.0		96.5	53-149			
Chloroethane	11.1	2.0	µg/L	10.0		111	70-130			
2-Chloroethyl Vinyl Ether	83.8	10	µg/L	100		83.8	10-305			
Chloroform	11.4	2.0	µg/L	10.0		114	51-138			
Chloromethane	9.61	2.0	µg/L	10.0		96.1	20-273			
1,2-Dichlorobenzene	11.2	2.0	µg/L	10.0		112	18-190			
1,3-Dichlorobenzene	11.0	2.0	µg/L	10.0		110	59-156			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B162482 - SW-846 5030B										
LCS (B162482-BS1)				Prepared & Analyzed: 11/04/16						
1,4-Dichlorobenzene	10.9	2.0	µg/L	10.0		109	18-190			
1,2-Dichloroethane	10.7	2.0	µg/L	10.0		107	49-155			
1,1-Dichloroethane	11.3	2.0	µg/L	10.0		113	59-155			
1,1-Dichloroethylene	10.9	2.0	µg/L	10.0		109	20-234			
trans-1,2-Dichloroethylene	9.85	2.0	µg/L	10.0		98.5	54-156			
1,2-Dichloropropane	10.8	2.0	µg/L	10.0		108	20-210			
cis-1,3-Dichloropropene	10.8	2.0	µg/L	10.0		108	20-227			
trans-1,3-Dichloropropene	11.7	2.0	µg/L	10.0		117	17-183			
Ethylbenzene	11.2	2.0	µg/L	10.0		112	37-162			
Methyl tert-Butyl Ether (MTBE)	10.7	2.0	µg/L	10.0		107	70-130			
Methylene Chloride	10.4	5.0	µg/L	10.0		104	50-221			
1,1,2,2-Tetrachloroethane	11.5	2.0	µg/L	10.0		115	46-157			
Tetrachloroethylene	11.4	2.0	µg/L	10.0		114	64-148			
Toluene	10.7	1.0	µg/L	10.0		107	47-150			
1,1,1-Trichloroethane	11.1	2.0	µg/L	10.0		111	52-162			
1,1,2-Trichloroethane	10.8	2.0	µg/L	10.0		108	52-150			
Trichloroethylene	11.5	2.0	µg/L	10.0		115	71-157			
Trichlorofluoromethane (Freon 11)	11.2	2.0	µg/L	10.0		112	17-181			
Vinyl Chloride	11.6	2.0	µg/L	10.0		116	20-251			
m+p Xylene	22.3	2.0	µg/L	20.0		112	70-130			
o-Xylene	11.0	2.0	µg/L	10.0		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2017
RI	Rhode Island Department of Health	LAO00112	12/30/2016
NC	North Carolina Div. of Water Quality	652	12/31/2016
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2016
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017

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

CHAIN OF CUSTODY RECORD

NEW YORK STATE

16K0007

39 Spruce Street
East longmeadow, MA 01028

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

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

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email:
Format: PDF ● EXCEL ● GIS ○
○ OTHER
○ "Enhanced Data Package"

○ Project Proposal Provided? (for billing purposes)

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	N	H	V	# of Containers	** Preservation	***Container Code
01	RW-1	10/31/16	0705		X	GW	M	X					
02	RW-2	↓	0710		X	↓	M	X					
03	EFF 46 HZ	↓	0715		X	↓	L	X					
04	Trip Blank	↓	-		X	↓	-	X					

ANALYSIS REQUESTED
624

Comments:

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

Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
Lan D. Whalen	10/31/16 1300		
Received by: (signature) 3.9	Date/Time: 10.1.16 9:11	Received by:	Date/Time:
Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
Received by: (signature)	Date/Time:	Received by:	Date/Time:

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

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

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

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

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

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
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con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Arcadis **RECEIVED BY:** PB **DATE:** 11.1.16

1) **Was the chain(s) of custody relinquished and signed?** **Yes** ✓ **No** ____ **No COC Incl.**

2) **Does the chain agree with the samples?** **Yes** ✓ **No** ____
If not, explain:

3) **Are all the samples in good condition?** **Yes** ✓ **No** ____
If not, explain:

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

On Ice ✓ Direct from Sampling ____ Ambient ____ In Cooler(s) ✓

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

Temperature °C by Temp blank ____ Temperature °C by Temp gun 3.9

5) **Are there Dissolved samples for the lab to filter?** **Yes** ____ **No** ✓
Who was notified ____ Date ____ Time ____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** **Yes** ____ **No** ✓
Who was notified ____ Date ____ Time ____

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

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

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

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

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** **Yes** ____ **N/A** ✓

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		16 oz amber	
500 mL Amber		8 oz amber/clear jar	
250 mL Amber (8oz amber)		4 oz amber/clear jar	
1 Liter Plastic		2 oz amber/clear jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		SOC Kit	
40 mL Vial - type listed below	11	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

40 mL vials: # HCl 11 # Methanol ____ **Time and Date Frozen:**

Bisulfate ____ # DI Water ____

Thiosulfate ____ Unpreserved ____

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

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

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

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** PB **Date/Time:** 11-1-16 9:11

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

December 14, 2016

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

Project Location: S. Otselic, N.Y.
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 16K1510

Enclosed are results of analyses for samples received by the laboratory on November 30, 2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

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

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

REPORT DATE: 12/14/2016

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16K1510

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, N.Y.

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RW-1	16K1510-01	Ground Water		EPA 624	
RW-2	16K1510-02	Ground Water		EPA 624	
EFF 46 HZ	16K1510-03	Ground Water		EPA 624	
Trip Blank	16K1510-04	Trip Blank Water		EPA 624	

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CASE NARRATIVE SUMMARY

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

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

Lisa A. Worthington
Project Manager

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

Project Location: S. Otselic, N.Y. Sample Description: Work Order: 16K1510

Date Received: 11/30/2016

Field Sample #: RW-1 Sampled: 11/28/2016 06:05

Sample ID: 16K1510-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Chloromethane	1.8	2.0	0.55	µg/L	1	J	EPA 624	12/9/16	12/9/16 22:02	MFF
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
1,1-Dichloroethane	2.1	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
1,1-Dichloroethylene	1.0	2.0	0.21	µg/L	1	J	EPA 624	12/9/16	12/9/16 22:02	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
1,1,1-Trichloroethane	42	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 22:02	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	115	70-130		12/9/16 22:02
Toluene-d8	86.5	70-130		12/9/16 22:02
4-Bromofluorobenzene	82.2	70-130		12/9/16 22:02

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

Project Location: S. Otselic, N.Y. Sample Description: Work Order: 16K1510

Date Received: 11/30/2016

Field Sample #: RW-2 Sampled: 11/28/2016 06:10

Sample ID: 16K1510-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Chloromethane	2.4	2.0	0.55	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
1,1-Dichloroethane	0.89	2.0	0.16	µg/L	1	J	EPA 624	12/9/16	12/9/16 22:25	MFF
1,1-Dichloroethylene	0.87	2.0	0.21	µg/L	1	J	EPA 624	12/9/16	12/9/16 22:25	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
1,1,1-Trichloroethane	35	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 22:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	114	70-130		12/9/16 22:25
Toluene-d8	86.0	70-130		12/9/16 22:25
4-Bromofluorobenzene	80.0	70-130		12/9/16 22:25

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

Project Location: S. Otselic, N.Y. Sample Description: Work Order: 16K1510

Date Received: 11/30/2016

Field Sample #: EFF 46 HZ Sampled: 11/28/2016 06:15

Sample ID: 16K1510-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Chloromethane	2.3	2.0	0.55	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 21:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	119	70-130		12/9/16 21:40
Toluene-d8	92.4	70-130		12/9/16 21:40
4-Bromofluorobenzene	84.5	70-130		12/9/16 21:40

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Project Location: S. Otselic, N.Y. Sample Description: Work Order: 16K1510

Date Received: 11/30/2016

Field Sample #: Trip Blank Sampled: 11/28/2016 00:00

Sample ID: 16K1510-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	0.16	1.0	0.12	µg/L	1	J	EPA 624	12/9/16	12/9/16 21:17	MFF
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Chloromethane	1.4	2.0	0.55	µg/L	1	J	EPA 624	12/9/16	12/9/16 21:17	MFF
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Toluene	0.60	1.0	0.17	µg/L	1	J	EPA 624	12/9/16	12/9/16 21:17	MFF
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	12/9/16	12/9/16 21:17	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	114	70-130		12/9/16 21:17
Toluene-d8	92.2	70-130		12/9/16 21:17
4-Bromofluorobenzene	83.5	70-130		12/9/16 21:17

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Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16K1510-01 [RW-1]	B165362	5	5.00	12/09/16
16K1510-02 [RW-2]	B165362	5	5.00	12/09/16
16K1510-03 [EFF 46 HZ]	B165362	5	5.00	12/09/16
16K1510-04 [Trip Blank]	B165362	5	5.00	12/09/16

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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 B165362 - SW-846 5030B										
Blank (B165362-BLK1)				Prepared & Analyzed: 12/09/16						
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
2-Chloroethyl Vinyl Ether	ND	10	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Xylenes (total)	ND	3.0	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	*28.4*		µg/L	25.0		113	70-130			
Surrogate: Toluene-d8	*23.4*		µg/L	25.0		93.5	70-130			
Surrogate: 4-Bromofluorobenzene	*20.9*		µg/L	25.0		83.4	70-130			
LCS (B165362-BS1)				Prepared & Analyzed: 12/09/16						
Benzene	10.0	1.0	µg/L	10.0		100	37-151			
Bromodichloromethane	10.3	2.0	µg/L	10.0		103	35-155			
Bromoform	9.56	2.0	µg/L	10.0		95.6	45-169			
Bromomethane	10.8	2.0	µg/L	10.0		108	20-242			
Carbon Tetrachloride	9.98	2.0	µg/L	10.0		99.8	70-140			
Chlorobenzene	9.92	2.0	µg/L	10.0		99.2	37-160			
Chlorodibromomethane	10.2	2.0	µg/L	10.0		102	53-149			
Chloroethane	9.79	2.0	µg/L	10.0		97.9	70-130			
2-Chloroethyl Vinyl Ether	172	10	µg/L	100		172	10-305			
Chloroform	10.4	2.0	µg/L	10.0		104	51-138			
Chloromethane	11.3	2.0	µg/L	10.0		113	20-273			
1,2-Dichlorobenzene	10.2	2.0	µg/L	10.0		102	18-190			

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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 B165362 - SW-846 5030B										
LCS (B165362-BS1)				Prepared & Analyzed: 12/09/16						
1,3-Dichlorobenzene	10.2	2.0	µg/L	10.0		102	59-156			
1,4-Dichlorobenzene	10.0	2.0	µg/L	10.0		100	18-190			
1,2-Dichloroethane	10.9	2.0	µg/L	10.0		109	49-155			
1,1-Dichloroethane	10.7	2.0	µg/L	10.0		107	59-155			
1,1-Dichloroethylene	10.0	2.0	µg/L	10.0		100	20-234			
trans-1,2-Dichloroethylene	10.3	2.0	µg/L	10.0		103	54-156			
1,2-Dichloropropane	10.1	2.0	µg/L	10.0		101	20-210			
cis-1,3-Dichloropropene	10.6	2.0	µg/L	10.0		106	20-227			
trans-1,3-Dichloropropene	10.1	2.0	µg/L	10.0		101	17-183			
Ethylbenzene	9.07	2.0	µg/L	10.0		90.7	37-162			
Methyl tert-Butyl Ether (MTBE)	10.2	2.0	µg/L	10.0		102	70-130			
Methylene Chloride	10.4	5.0	µg/L	10.0		104	50-221			
1,1,2,2-Tetrachloroethane	10.6	2.0	µg/L	10.0		106	46-157			
Tetrachloroethylene	10.2	2.0	µg/L	10.0		102	64-148			
Toluene	10.4	1.0	µg/L	10.0		104	47-150			
1,1,1-Trichloroethane	10.2	2.0	µg/L	10.0		102	52-162			
1,1,2-Trichloroethane	10.6	2.0	µg/L	10.0		106	52-150			
Trichloroethylene	10.8	2.0	µg/L	10.0		108	71-157			
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0		103	17-181			
Vinyl Chloride	10.2	2.0	µg/L	10.0		102	20-251			
m+p Xylene	17.5	2.0	µg/L	20.0		87.3	70-130			
o-Xylene	9.38	2.0	µg/L	10.0		93.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.1*		µg/L	25.0		104	70-130			
Surrogate: Toluene-d8	*26.3*		µg/L	25.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		97.9	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2017
RI	Rhode Island Department of Health	LAO00112	12/30/2016
NC	North Carolina Div. of Water Quality	652	12/31/2016
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2016
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017

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www.contestlabs.com

CHAIN OF CUSTODY RECORD

NEW YORK STATE

39 Spruce Street
East longmeadow, MA 01028

16K1510

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

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

DATA DELIVERY (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax #
Email:
Format: PDF ● EXCEL ● GIS ○
○ OTHER
○ "Enhanced Data Package"

○ Project Proposal Provided? (for billing purposes)

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	624	# of Containers	** Preservation	***Container Code
01	RW-1	11/28/16	0605		X	GW	M	X			
02	RW-2	11/28/16	0610		X	"	M	X			
03	EFF 46 HZ	11/28/16	0615		X	"	L	X			
04	Trip Blank	11/28/16	-		X	"	-	X			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

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

Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
Lan D. Whalen	11/28/16 1400		
Received by: (signature)	Date/Time:	Received by:	Date/Time:
	11/30/16 10:00		
Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
Received by: (signature)	Date/Time:	Received by:	Date/Time:

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

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

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

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

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

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Arcadis **RECEIVED BY:** EB **DATE:** 11/30/16

1) **Was the chain(s) of custody relinquished and signed?** **Yes** ✓ **No** ____ **No COC Incl.**
2) **Does the chain agree with the samples?** **Yes** ✓ **No** ____
If not, explain:
3) **Are all the samples in good condition?** **Yes** ✓ **No** ____
If not, explain:
4) **How were the samples received:**

On Ice ✓ Direct from Sampling ____ Ambient ____ In Cooler(s) ✓

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

Temperature °C by Temp blank ____ Temperature °C by Temp gun 3.8

5) **Are there Dissolved samples for the lab to filter?** **Yes** ____ **No** ✓
Who was notified ____ Date ____ Time ____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** **Yes** ____ **No** ✓
Who was notified ____ Date ____ Time ____

7) **Location where samples are stored:** Log In

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

8) **Do all samples have the proper Acid pH:** **Yes** ____ **No** ____ **N/A** ✓
9) **Do all samples have the proper Base pH:** **Yes** ____ **No** ____ **N/A** ✓
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** **Yes** ____ **N/A** ✓

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		16 oz amber	
500 mL Amber		8 oz amber/clear jar	
250 mL Amber (8oz amber)		4 oz amber/clear jar	
1 Liter Plastic		2 oz amber/clear jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		SOC Kit	
40 mL Vial - type listed below	11	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

40 mL vials: # HCl 11 # Methanol ____ **Time and Date Frozen:**
Bisulfate ____ # DI Water ____
Thiosulfate ____ Unpreserved ____

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T EB N/A	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	3.8 with gun
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	N/A	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

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

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** EB **Date/Time:** 11/30/16 10:00

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

January 10, 2017

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

Project Location: South Otselic, NY
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 16L1387

Enclosed are results of analyses for samples received by the laboratory on December 30, 2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

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

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

REPORT DATE: 1/10/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 16L1387

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	16L1387-01	Ground Water		EPA 624	
RW-2	16L1387-02	Ground Water		EPA 624	
EFF 46 HZ	16L1387-03	Ground Water		EPA 624	
Trip Blank	16L1387-04	Trip Blank Water		EPA 624	

con-test® ANALYTICAL LABORATORY
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CASE NARRATIVE SUMMARY

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

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

Lisa A. Worthington
Project Manager

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 16L1387

Date Received: 12/30/2016

Field Sample #: RW-1 | Sampled: 12/29/2016 06:05

Sample ID: 16L1387-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
1,1-Dichloroethane	2.0	2.0	0.16	µg/L	1	J	EPA 624	1/4/17	1/6/17 22:23	MFF
1,1-Dichloroethylene	1.2	2.0	0.21	µg/L	1	J	EPA 624	1/4/17	1/6/17 22:23	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
1,1,1-Trichloroethane	41	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
1,1,2-Trichloroethane	0.25	2.0	0.24	µg/L	1	J	EPA 624	1/4/17	1/6/17 22:23	MFF
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 22:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	122	70-130		1/6/17 22:23
Toluene-d8	98.8	70-130		1/6/17 22:23
4-Bromofluorobenzene	91.3	70-130		1/6/17 22:23

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 16L1387

Date Received: 12/30/2016

Field Sample #: RW-2 | Sampled: 12/29/2016 06:10

Sample ID: 16L1387-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Chloromethane	0.57	2.0	0.55	µg/L	1	J	EPA 624	1/4/17	1/6/17 22:46	MFF
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
1,1-Dichloroethane	0.82	2.0	0.16	µg/L	1	J	EPA 624	1/4/17	1/6/17 22:46	MFF
1,1-Dichloroethylene	0.86	2.0	0.21	µg/L	1	J	EPA 624	1/4/17	1/6/17 22:46	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
1,1,1-Trichloroethane	32	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 22:46	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	124	70-130		1/6/17 22:46
Toluene-d8	99.6	70-130		1/6/17 22:46
4-Bromofluorobenzene	87.0	70-130		1/6/17 22:46

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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: 16L1387

Date Received: 12/30/2016

Field Sample #: EFF 46 HZ | Sampled: 12/29/2016 06:15

Sample ID: 16L1387-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Chloromethane	0.73	2.0	0.55	µg/L	1	J	EPA 624	1/4/17	1/6/17 21:16	MFF
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
1,1,1-Trichloroethane	0.15	2.0	0.13	µg/L	1	J	EPA 624	1/4/17	1/6/17 21:16	MFF
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 21:16	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	123	70-130		1/6/17 21:16
Toluene-d8	99.4	70-130		1/6/17 21:16
4-Bromofluorobenzene	88.5	70-130		1/6/17 21:16

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: 16L1387

Date Received: 12/30/2016

Field Sample #: Trip Blank | Sampled: 12/29/2016 00:00

Sample ID: 16L1387-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	0.14	1.0	0.12	µg/L	1	J	EPA 624	1/4/17	1/6/17 20:53	MFF
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Chloromethane	0.85	2.0	0.55	µg/L	1	J	EPA 624	1/4/17	1/6/17 20:53	MFF
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Toluene	0.67	1.0	0.17	µg/L	1	J	EPA 624	1/4/17	1/6/17 20:53	MFF
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF
m+p Xylene	0.30	2.0	0.26	µg/L	1	J	EPA 624	1/4/17	1/6/17 20:53	MFF
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	1/4/17	1/6/17 20:53	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	121	70-130		1/6/17 20:53
Toluene-d8	97.4	70-130		1/6/17 20:53
4-Bromofluorobenzene	92.2	70-130		1/6/17 20:53

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Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
16L1387-01 [RW-1]	B167143	5	5.00	01/04/17
16L1387-02 [RW-2]	B167143	5	5.00	01/04/17
16L1387-03 [EFF 46 HZ]	B167143	5	5.00	01/04/17
16L1387-04 [Trip Blank]	B167143	5	5.00	01/04/17

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B167143 - SW-846 5030B										
Blank (B167143-BLK1)				Prepared: 01/04/17 Analyzed: 01/06/17						
Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
2-Chloroethyl Vinyl Ether	ND	10	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*30.1*		µg/L	25.0		120	70-130			
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.7	70-130			
Surrogate: 4-Bromofluorobenzene	*22.2*		µg/L	25.0		88.9	70-130			
LCS (B167143-BS1)				Prepared: 01/04/17 Analyzed: 01/06/17						
Benzene	10.2	1.0	µg/L	10.0		102	37-151			
Bromodichloromethane	10.7	2.0	µg/L	10.0		107	35-155			
Bromoform	8.98	2.0	µg/L	10.0		89.8	45-169			
Bromomethane	16.9	2.0	µg/L	10.0		169	20-242			
Carbon Tetrachloride	11.7	2.0	µg/L	10.0		117	70-140			
Chlorobenzene	10.0	2.0	µg/L	10.0		100	37-160			
Chlorodibromomethane	9.92	2.0	µg/L	10.0		99.2	53-149			
Chloroethane	11.9	2.0	µg/L	10.0		119	70-130			
2-Chloroethyl Vinyl Ether	106	10	µg/L	100		106	10-305			
Chloroform	10.5	2.0	µg/L	10.0		105	51-138			
Chloromethane	10.6	2.0	µg/L	10.0		106	20-273			
1,2-Dichlorobenzene	10.2	2.0	µg/L	10.0		102	18-190			
1,3-Dichlorobenzene	10.1	2.0	µg/L	10.0		101	59-156			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B167143 - SW-846 5030B										
LCS (B167143-BS1)				Prepared: 01/04/17 Analyzed: 01/06/17						
1,4-Dichlorobenzene	10.2	2.0	µg/L	10.0		102	18-190			
1,2-Dichloroethane	11.6	2.0	µg/L	10.0		116	49-155			
1,1-Dichloroethane	10.7	2.0	µg/L	10.0		107	59-155			
1,1-Dichloroethylene	11.3	2.0	µg/L	10.0		113	20-234			
trans-1,2-Dichloroethylene	11.5	2.0	µg/L	10.0		115	54-156			
1,2-Dichloropropane	9.95	2.0	µg/L	10.0		99.5	20-210			
cis-1,3-Dichloropropene	9.00	2.0	µg/L	10.0		90.0	20-227			
trans-1,3-Dichloropropene	8.94	2.0	µg/L	10.0		89.4	17-183			
Ethylbenzene	9.62	2.0	µg/L	10.0		96.2	37-162			
Methyl tert-Butyl Ether (MTBE)	8.63	2.0	µg/L	10.0		86.3	70-130			
Methylene Chloride	12.6	5.0	µg/L	10.0		126	50-221			
1,1,2,2-Tetrachloroethane	9.70	2.0	µg/L	10.0		97.0	46-157			
Tetrachloroethylene	11.1	2.0	µg/L	10.0		111	64-148			
Toluene	10.5	1.0	µg/L	10.0		105	47-150			
1,1,1-Trichloroethane	10.4	2.0	µg/L	10.0		104	52-162			
1,1,2-Trichloroethane	10.3	2.0	µg/L	10.0		103	52-150			
Trichloroethylene	10.1	2.0	µg/L	10.0		101	71-157			
Trichlorofluoromethane (Freon 11)	13.4	2.0	µg/L	10.0		134	17-181			
Vinyl Chloride	10.3	2.0	µg/L	10.0		103	20-251			
m+p Xylene	19.7	2.0	µg/L	20.0		98.4	70-130			
o-Xylene	9.54	2.0	µg/L	10.0		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	*29.4*		µg/L	25.0		118	70-130			
Surrogate: Toluene-d8	*26.4*		µg/L	25.0		106	70-130			
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.4	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2017
RI	Rhode Island Department of Health	LAO00112	12/30/2016
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017

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

CHAIN OF CUSTODY RECORD

NEW YORK STATE

16L1387

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

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

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
Format: PDF ○ EXCEL ○ GIS ○
○ OTHER
○ "Enhanced Data Package"

○ Project Proposal Provided? (for billing purposes)

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
01	RW-1	12/29/16	0605		X	GW	m	X		
02	RW-2		0610		X		m	X		
03	EFF 46 HZ		0615		X		L	X		
04	Trip Blank		-		X		-	X		

ANALYSIS REQUESTED

II											
H											
V											
624											

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

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

Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
L. Whalen	12/29/16 1300		
Received by: (signature) 5.2°	Date/Time:	Received by:	Date/Time:
	12/30/16 915		
Relinquished by: (signature)	Date/Time:	Relinquished by:	Date/Time:
Received by: (signature)	Date/Time:	Received by:	Date/Time:

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

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

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

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

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
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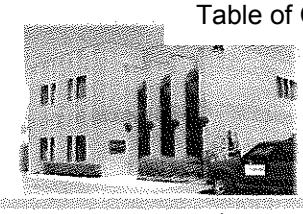
con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Arcadis **RECEIVED BY:** BLF **DATE:** 12/30/16

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

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

If not, explain:

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

If not, explain:

4) How were the samples received:

On Ice [4] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [4]

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.2°C

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) Location where samples are stored:

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	11	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 11 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

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

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

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

RLF 12/30/16 915

Arcadis CE, Inc.

855 Route 146

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Clifton Park, New York 12065

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