



Department of
Environmental
Conservation

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

GLADDING CORDAGE SITE QUARTERLY REPORT

SITE 7-09-009

Second Quarter 2017

October 2017

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00266406.0000

Date:

October 2017

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ACRONYMS AND ABBREVIATIONS

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

1 INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) has issued a Work Assignment (# D007618-9) to Arcadis CE, Inc. (Arcadis) for Operation, Maintenance, and Monitoring at the Gladding Cordage Site (Site # 7-09-009). This Quarterly Report has been prepared in accordance with the NYSDEC-approved Work Plan to summarize second quarter 2017 site activities.

2 SITE DESCRIPTION

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

3 OPERATION AND MAINTENANCE

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

3.1 Treatment Plant Upgrades

3.1.1 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 operated without interruption during April and May 2017. On June 25, 2017, the treatment system shut down due to a power interruption. The system was restarted remotely on June 26, 2017.

On June 29, 2017, the treatment system was shut down to perform maintenance and cleaning of the air stripper. The work was performed due occasional detections of low-level VOCs in the effluent samples from the groundwater treatment plant (Arcadis, 2017). The air stripper was disassembled and the air stripper trays and demister pad were cleaned using an acid solution. The system was restarted approximately four hours later and resumed normal operation. The June 2017 treatment system samples (Section 3.3.2) were collected following maintenance of the air stripper.

The average monthly flow rates and total flow volumes for the second quarter 2017 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 24.3 gallons per minute (GPM) and 23.7 GPM, respectively. Based on the total flow values, approximately 6.3 million gallons of water were treated and discharged to the Otselic River between April and June 2017.

3.3 Treatment System Sampling

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

3.3.1 Influent Sample Results

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

Table 3-2 and Figure 3-1 show that the concentrations of 1,1,1-TCA in samples from recovery well RW-1 ranged from 30 µg/L in April and 35 µg/L in June. Table 3-3 and Figure 3-1 show that the concentrations

of 1,1,1-TCA in the samples from recovery well RW-2 decreased slightly from 33 µg/L in April to 27 µg/L in June. 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 second quarter 2017 samples from recovery wells RW-1 and RW-2. Consistent with previous results, the concentrations of these compounds were below the respective NYSDEC Class GA standard of 5 µg/L.

3.3.2 Effluent Sample Results

Table 3-4 summarizes laboratory analytical data for effluent samples collected from the treatment system. As shown in Table 3-4, 1,1,1- TCA was detected in the May 2017 effluent samples (0.22 µg/L). However, the concentration was below the applicable NYSDEC Class GA Standard of 5 µg/L.

As indicated in Section 3.2, the air stripper was cleaned on June 29, 2017. As shown in Table 3-4, no VOCs were detected in the June 2017 effluent samples.

Based on influent sample concentrations and total flow volumes from the Gladding Cordage treatment system, approximately 1.7 pounds of VOCs were removed by the treatment system during the second quarter 2017.

4 GROUNDWATER MONITORING PROGRAM

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

5 RECOMMENDATIONS

Based on the data presented herein, there are no recommended changes to site operations at this time.

6 SUMMARY

The Gladding Cordage groundwater treatment system operated with only one minor interruption in the second quarter 2017. The average total flow through the treatment system during this timeframe was approximately 48 GPM.

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

Due to low-level detections of 1,1,1-TCA through the first quarter of 2017, the air stripper was disassembled and cleaned.

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

Approximately 1.7 pounds of VOCs were removed by the treatment system during the second quarter 2017.

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, First Quarter 2017, Arcadis CE, Inc., July 27, 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		Flow Rates		Totalizer		Recovery Well Total Flows		Total System Flow (gallons)	Quarterly Totals (gallons)
			RW-1 (% possible)	RW-2 (% possible)	RW-1 (gpm)	RW-2 (gpm)	RW-1 (gallons)	RW-2 (gallons)	RW-1 (gallons)	RW-2 (gallons)		
January-17	31	100%	100%	100%	25.7	23.7	50,412,604	46,629,621	1,213,626	1,139,731	2,353,357	6,229,301
February-17	28	100%	100%	100%	25.5	23.6	51,438,294	47,591,095	1,025,690	961,474	1,987,164	
March-17	30	97%	100%	100%	25.4	23.7	52,415,109	48,503,060	976,815	911,965	1,888,780	
April-17	30	100%	100%	100%	25.0	23.6	53,511,717	49,527,491	1,096,608	1,024,431	2,121,039	6,300,342
May-17	31	100%	100%	100%	24.5	23.4	54,444,161	50,411,047	932,444	883,556	1,816,000	
June-17	29	97%	100%	100%	19.7	24.1	55,646,695	51,571,816	1,202,534	1,160,769	2,363,303	
Total Flow 2017									6,447,717	6,081,926	12,529,643	

Notes:
gpm - Gallons per minute

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

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	RW-1 7/25/2016 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	RW-1 1/30/2017 WATER ug/L	RW-1 2/27/2017 WATER ug/L	RW-1 3/23/2017 WATER ug/L	RW-1 4/26/2017 WATER ug/L	RW-1 5/24/2017 WATER ug/L	RW-1 6/29/2017 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	35	34	36	39	42	41	35	34	40	30	31	35
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	0.25 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5	1.5 J	1.6 J	1.6 J	1.7 J	2.1	2 J	1.5 J	1.5 J	1.7 J	1.4 J	1.4 J	1.5 J
1,1-Dichloroethene	5	0.68 J	0.89 J	0.75 J	0.91 J	1.0 J	1.2 J	0.86 J	1.7 J	0.99 J	0.65 J	0.69 J	0.74 J
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	10.0 U	10 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane	5	0.77 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	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	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
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		38.0	36.5	38.4	41.6	45.1	44.5	37.4	37.2	42.7	32.1	33.1	37.2

- Concentration exceeds corresponding NYSDEC
Class GA Standard.
U - Not detected at the indicated concentration
J - Estimated concentration.

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

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard ug/L	RW-2 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	RW-2 1/30/2017 WATER ug/L	RW-2 2/27/2017 WATER ug/L	RW-2 3/23/2017 WATER ug/L	RW-2 4/26/2017 WATER ug/L	RW-2 5/24/2017 WATER ug/L	RW-2 6/29/2017 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	28	29	35	33	35	32	30	29	33	26	27	31
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	0.66 J	0.70 J	0.77 J	0.78 J	0.89 J	0.82 J	0.63 J	0.66 J	0.76 J	0.63 J	0.65 J	0.75 J
1,1-Dichloroethene	5	0.48 J	0.72 J	0.82 J	0.78 J	0.87 J	0.86 J	0.65 J	1.1 J	0.71 J	0.51 J	0.57 J	0.55 J
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	10.0 U	10 U	10 U	10.0 U
Benzene	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromoform	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Tetrachloride	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chlorobenzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloroform	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Chloromethane		0.59 J	2.0 U	2.0 U	2.0 U	2.4	0.57 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
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		29.7	30.4	36.6	34.6	39.2	34.3	31.3	30.8	34.5	27.1	28.2	32.3

- Concentration exceeds corresponding NYSDEC
Class GA Standard.
U - Not detected at the indicated concentration
J - Estimated concentration.

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

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(46HZ) 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	EFF(46HZ) 1/30/2017 WATER ug/L	EFF(46HZ) 2/27/2017 WATER ug/L	EFF(46HZ) 3/23/2017 WATER ug/L	EFF(46HZ) 4/26/2017 WATER ug/L	EFF(46HZ) 5/24/2017 WATER ug/L	EFF(46HZ) 6/29/2017 WATER ug/L
VOCS													
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.15 J	1.0 U	1.0 U	1.0 U	1.0 U	0.22	1.0 U
1,1,2,2-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		1.0 J	2.0 U	2.0 U	2.0 U	2.3	0.73 J	2.0 U	2.0 U	0.66 J	2.0 U	2.0 U	2.0 U
cis-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Dibromochloromethane	50	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethyl Benzene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
m/p-Xylenes	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl tert-butyl Ether		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methylene Chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
trans-1,3-Dichloropropene	0.4	2.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Trichlorofluoromethane	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vinyl Chloride	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes

U - Not detected at the indicated concentration.

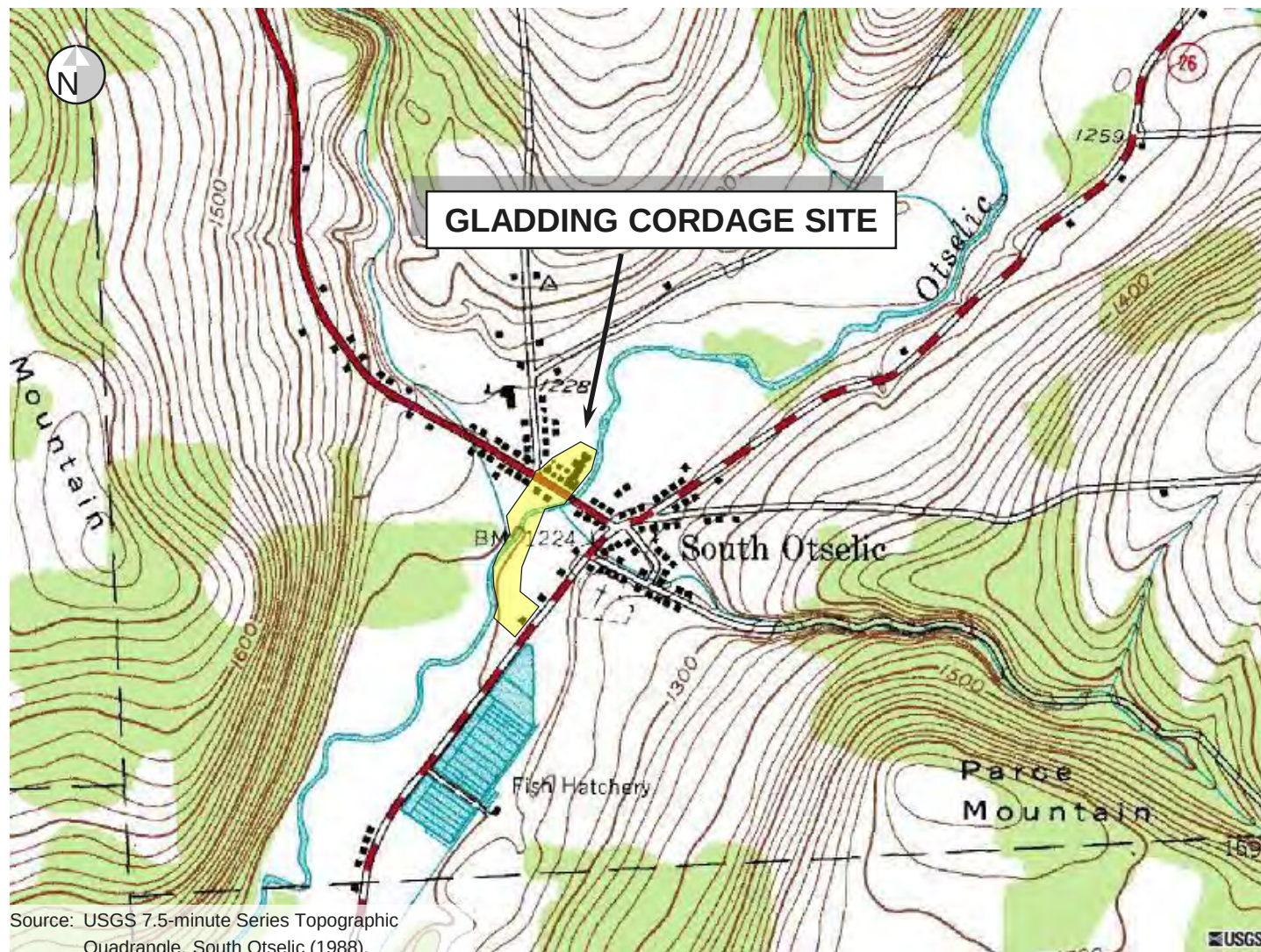
J - Estimated concentration.

FIGURES



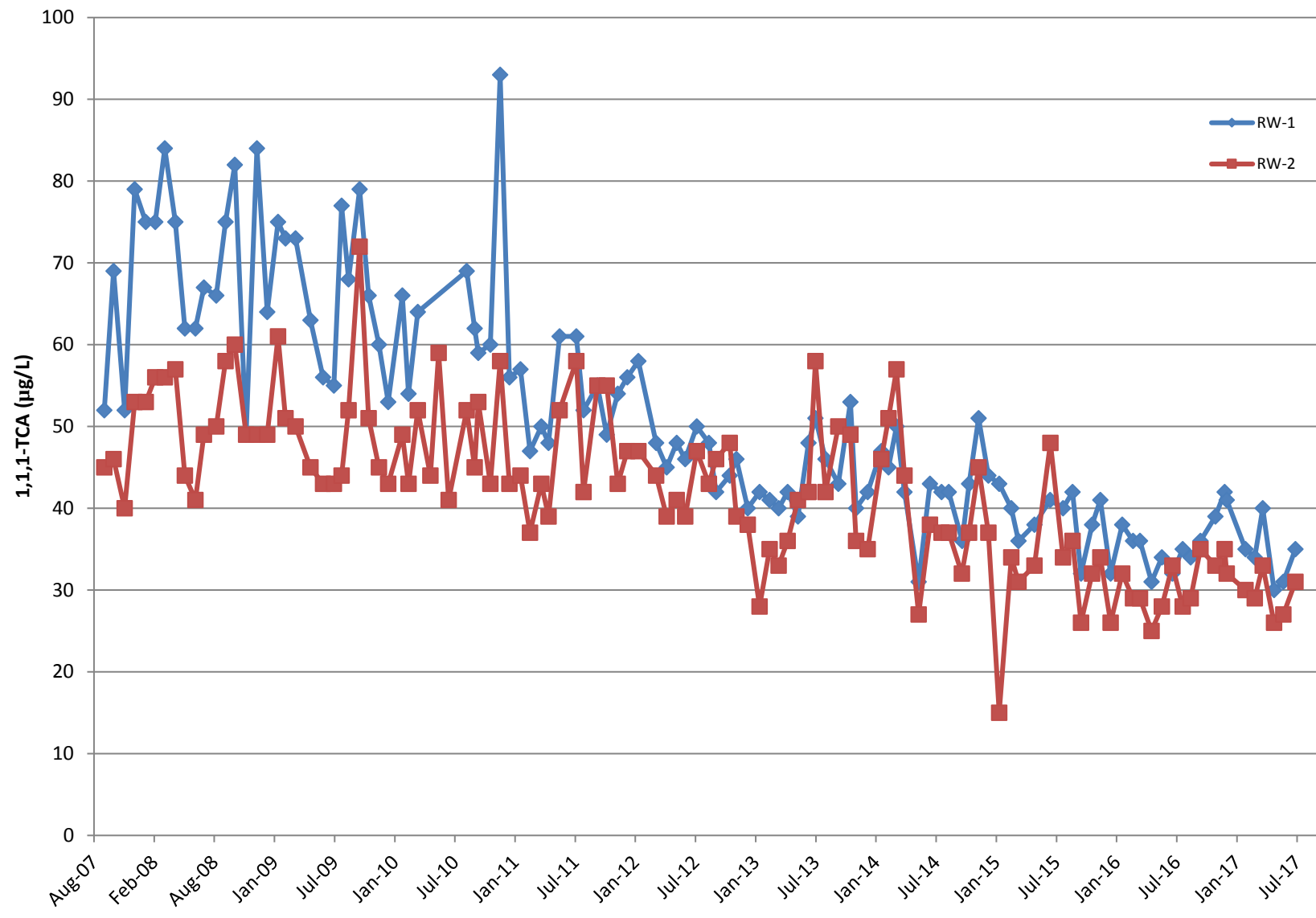
Figure 2-1 Site Location

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



0 2,000 ft

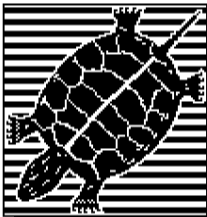
Figure 3-1
Treatment System Influent Sample Concentrations (1,1,1-TCA)
Gladding Cordage Site
NYSDEC Site Number 7-09-009



APPENDIX A

PLC Facsimile Reports





ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/01/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

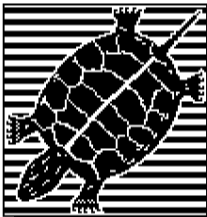
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 26.2	GPM TOTAL FLOW is 52452078	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 48537379	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 478222	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 4.73	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.69	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 33.19	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 58.38	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 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
INTMP is 66.9	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/02/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

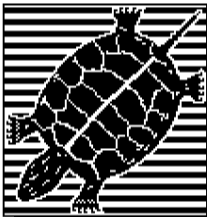
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.1	GPM	TOTAL FLOW is 52489026	GAL		
W2_FLO is 23.8	GPM	TOTAL FLOW is 48571738	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 478222	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 4.72	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.69	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 33.15	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 58.05	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
INTMP is 64.7	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/03/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

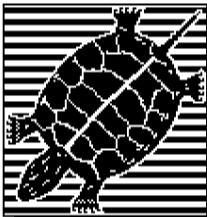
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 26.0	GPM TOTAL FLOW is 52525862	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 48606045	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 478222	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 4.59	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 32.81	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 57.77	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 65.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/04/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

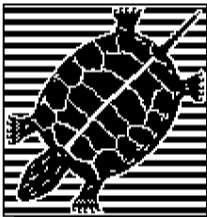
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.7	GPM TOTAL FLOW is 52562566	GAL	
W2_FLO is 24.0	GPM TOTAL FLOW is 48640259	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 478222	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 4.60	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.57	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 32.64	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 58.19	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 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 71.4	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/05/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

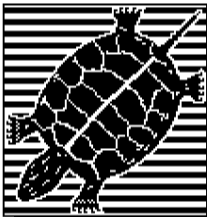
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.4	GPM TOTAL FLOW is 52599422	GAL	
W2_FLO is 23.9	GPM TOTAL FLOW is 48674620	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 478222	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 4.70	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 33.70	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 58.87	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
INTMP is 70.2	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/06/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

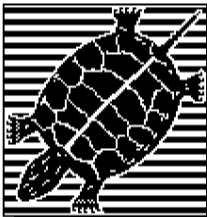
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.3	GPM TOTAL FLOW is 52636251	GAL	
W2_FLO is 23.2	GPM TOTAL FLOW is 48708980	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 478222	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 4.73	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 32.75	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 58.00	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
INTMP is 71.3	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/07/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

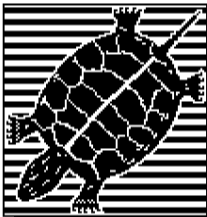
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.7	GPM TOTAL FLOW is 52673091	GAL	
W2_FLO is 24.4	GPM TOTAL FLOW is 48743329	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 478222	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 4.69	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 33.41	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 59.34	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 4.9	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTEMP is 66.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/08/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

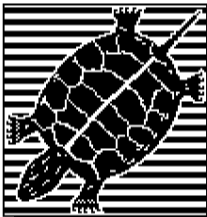
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.7	GPM TOTAL FLOW is 52710108	GAL	
W2_FLO is 24.0	GPM TOTAL FLOW is 48777658	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 478222	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 4.76	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 33.32	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 58.62	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 65.1	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/09/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

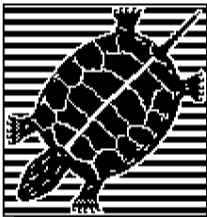
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.4	GPM TOTAL FLOW is 52746970	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 48811995	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 478222	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 4.76	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 33.15	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 58.05	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
INTMP is 63.6	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/10/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

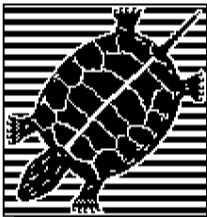
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.3	GPM TOTAL FLOW is 52783684	GAL	
W2_FLO is 24.0	GPM TOTAL FLOW is 48846269	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 478222	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 4.71	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 32.66	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 57.60	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 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 68.9	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/11/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

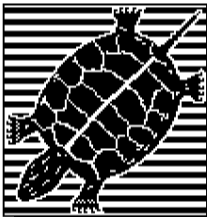
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.6	GPM TOTAL FLOW is 52820237	GAL		
W2_FLO is 24.0	GPM TOTAL FLOW is 48880466	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 478222	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 4.65	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 57.31	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
INTMP is 72.4	DEG LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/12/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

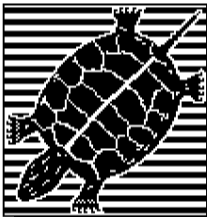
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.3	GPM TOTAL FLOW is 52856678	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 48914622	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 478222	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 4.63	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 32.34	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 57.10	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
INTMP is 74.3	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/13/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

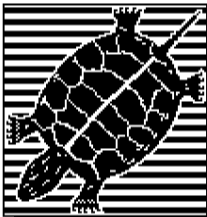
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.5	GPM TOTAL FLOW is 52893113	GAL	
W2_FLO is 23.7	GPM TOTAL FLOW is 48948747	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 478222	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 4.66	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 32.22	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 4.7	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
INTMP is 68.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/14/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

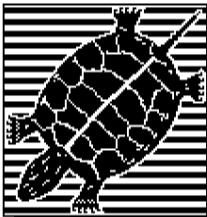
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.5	GPM TOTAL FLOW is 52929545	GAL		
W2_FLO is 23.7	GPM TOTAL FLOW is 48982846	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 478222	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 4.68	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 32.08	FT LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.74	FT LIMITS are L: 9.00	FT	H: 52.00	FT
W1_PRS is 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
INTMP is 65.5	DEG LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/15/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

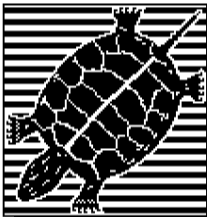
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.1	GPM TOTAL FLOW is 52965902	GAL	
W2_FLO is 24.2	GPM TOTAL FLOW is 49016928	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 478222	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 4.72	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 31.86	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.57	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 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
INTMP is 66.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/16/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

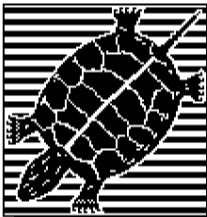
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.4	GPM TOTAL FLOW is 53002217	GAL	
W2_FLO is 23.6	GPM TOTAL FLOW is 49050965	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 478222	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 4.72	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 31.28	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.48	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.7	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
INTMP is 73.4	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/17/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

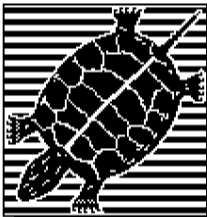
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.9	GPM TOTAL FLOW is 53038490	GAL	
W2_FLO is 23.6	GPM TOTAL FLOW is 49084976	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 478222	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 4.70	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 31.37	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.48	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.6	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
INTMP is 74.1	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/18/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

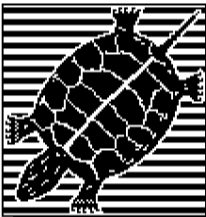
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.0	GPM TOTAL FLOW is 53074745	GAL	
W2_FLO is 24.0	GPM TOTAL FLOW is 49118988	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 478222	GAL	
HP_PRS is 1.2	PSI LIMITS are L: -2.0	PSI	H: 20.0 PSI
HP_AMP is 0.04	AMP LIMITS are L: 0.00	AMP	H: AMP
W1_AMP is 4.60	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.57	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.49	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 4.7	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
INTMP is 69.0	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/19/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

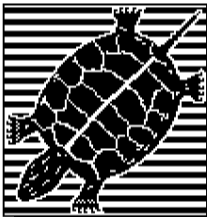
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.2	GPM TOTAL FLOW is 53110971	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 49152979	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 478222	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 4.68	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 31.39	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
INTMP is 71.4	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/20/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

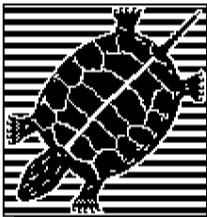
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.5	GPM TOTAL FLOW is 53147199	GAL	
W2_FLO is 23.4	GPM TOTAL FLOW is 49186982	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 478222	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 4.62	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.33	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.38	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.7	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
INTMP is 73.2	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/21/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

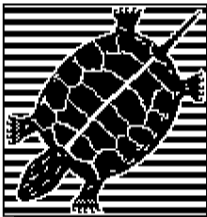
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.9	GPM TOTAL FLOW is 53183508	GAL	
W2_FLO is 23.8	GPM TOTAL FLOW is 49221001	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 478222	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 4.66	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 32.59	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 4.7	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
INTMP is 74.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/22/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

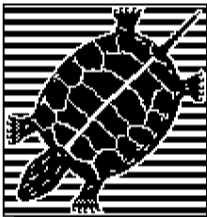
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.2	GPM TOTAL FLOW is 53220130	GAL	
W2_FLO is 24.1	GPM TOTAL FLOW is 49255177	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 478222	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 4.79	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 32.25	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 57.56	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 4.8	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 72.1	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/23/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

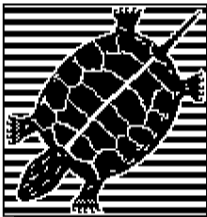
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.2	GPM TOTAL FLOW is 53256719	GAL	
W2_FLO is 23.9	GPM TOTAL FLOW is 49289321	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 478222	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 4.82	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.77	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 57.18	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
INTMP is 66.7	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/24/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

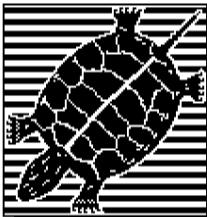
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.9	GPM TOTAL FLOW is 53293234	GAL		
W2_FLO is 23.7	GPM TOTAL FLOW is 49323431	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 478223	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 4.60	AMP LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 31.77	FT LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.93	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 4.8	PSI LIMITS are L: 0.5	PSI	H: 100.0	PSI
INTMP is 68.1	DEG LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/25/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

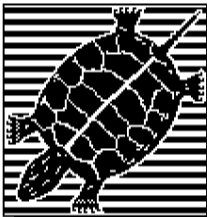
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.1	GPM TOTAL FLOW is 53329638	GAL	
W2_FLO is 23.6	GPM TOTAL FLOW is 49357472	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 478223	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 4.67	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 31.54	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.74	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 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 74.3	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/26/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

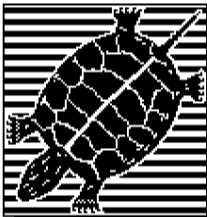
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.2	GPM TOTAL FLOW is 53366002	GAL	
W2_FLO is 23.4	GPM TOTAL FLOW is 49391469	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 478223	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 4.64	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 31.09	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.59	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.7	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
INTMP is 73.9	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/27/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

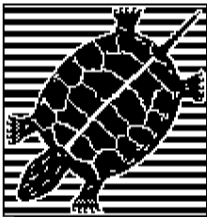
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.4	GPM TOTAL FLOW is 53402408	GAL	
W2_FLO is 23.7	GPM TOTAL FLOW is 49425455	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 478251	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 4.72	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 31.03	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 4.5	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 63.9	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/28/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

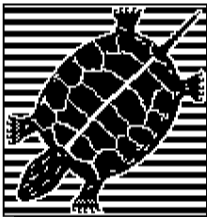
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.9	GPM TOTAL FLOW is 53438809	GAL	
W2_FLO is 23.8	GPM TOTAL FLOW is 49459449	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 478266	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 4.66	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.11	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.48	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.6	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
INTMP is 64.9	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/29/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

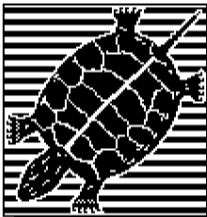
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.3	GPM TOTAL FLOW is 53475251	GAL	
W2_FLO is 23.6	GPM TOTAL FLOW is 49493460	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 478308	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 4.88	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 31.01	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 4.7	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
INTMP is 64.5	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/30/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

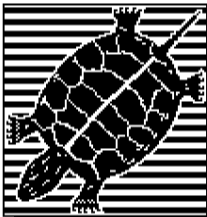
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.3	GPM TOTAL FLOW is 53511717	GAL	
W2_FLO is 23.4	GPM TOTAL FLOW is 49527491	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 478373	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 4.84	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 31.18	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 4.6	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 61.7	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/01/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

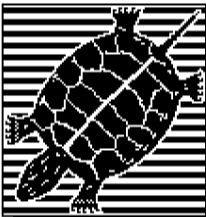
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.2	GPM TOTAL FLOW is 53548155	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 49561469	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 478441	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 4.66	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 30.67	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.12	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.5	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
INTMP is 63.7	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/04/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

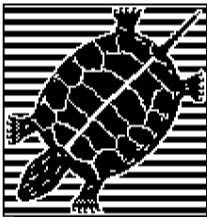
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.2	GPM TOTAL FLOW is 53657683	GAL	
W2_FLO is 23.7	GPM TOTAL FLOW is 49663461	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 478659	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 4.60	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 31.66	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.86	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.7	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
INTMP is 58.3	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/05/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

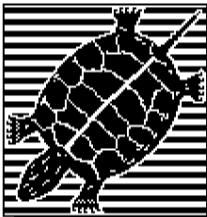
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.2	GPM TOTAL FLOW is 53694092	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 49697561	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 478757	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 4.63	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.29	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 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 4.7	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 60.3	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/06/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

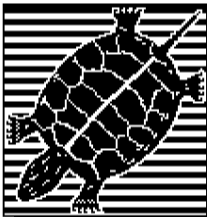
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.1	GPM TOTAL FLOW is 53730579	GAL	
W2_FLO is 23.7	GPM TOTAL FLOW is 49731723	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 478823	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 4.93	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.89	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.17	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 57.14	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 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 65.3	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/07/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

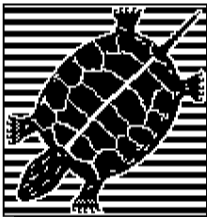
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.7	GPM TOTAL FLOW is 53767172	GAL	
W2_FLO is 24.1	GPM TOTAL FLOW is 49765957	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 478901	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 4.88	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 31.66	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 57.65	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
INTMP is 59.3	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/08/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

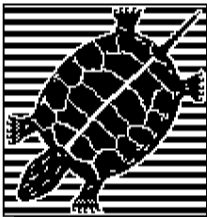
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.6	GPM	TOTAL FLOW is 53803804	GAL		
W2_FLO is 23.5	GPM	TOTAL FLOW is 49800173	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 479016	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 4.62	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 32.06	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 57.56	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 59.6	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/09/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

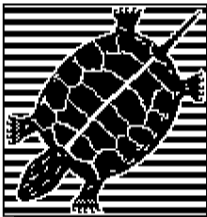
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.1	GPM TOTAL FLOW is 53840355	GAL		
W2_FLO is 23.2	GPM TOTAL FLOW is 49834332	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 479131	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 4.54	AMP LIMITS are L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.51	AMP LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 31.79	FT LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 57.24	FT LIMITS are L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.6	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
INTMP is 59.0	DEG LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/10/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

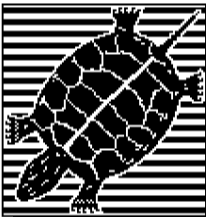
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.0	GPM TOTAL FLOW is 53876861	GAL	
W2_FLO is 23.9	GPM TOTAL FLOW is 49868454	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 479244	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 4.53	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.49	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.71	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 57.03	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 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
INTMP is 57.0	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/11/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

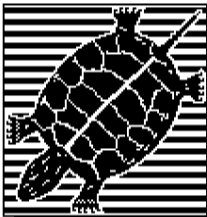
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.5	GPM TOTAL FLOW is 53913347	GAL		
W2_FLO is 23.9	GPM TOTAL FLOW is 49902537	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 479337	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 4.58	AMP LIMITS are L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.54	AMP LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 31.62	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 4.7	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
INTMP is 57.3	DEG LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/12/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

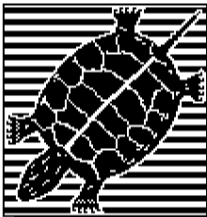
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 25.2	GPM TOTAL FLOW is 53949767	GAL	
W2_FLO is 24.1	GPM TOTAL FLOW is 49936577	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 479414	GAL	
HP_PRS is 1.3	PSI LIMITS are L: -2.0	PSI	H: 20.0 PSI
HP_AMP is 0.04	AMP LIMITS are L: 0.00	AMP	H: AMP
W1_AMP is 4.61	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.58	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.38	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.61	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
INTMP is 59.9	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/13/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

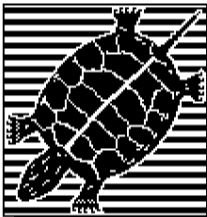
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.9	GPM TOTAL FLOW is 53986172	GAL	
W2_FLO is 24.1	GPM TOTAL FLOW is 49970604	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 479467	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 4.90	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 31.17	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 4.8	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTEMP is 63.2	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/14/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

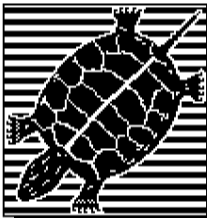
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.8	GPM TOTAL FLOW is 54022117	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 50004635	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 479557	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 4.81	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.03	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.59	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.5	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
INTMP is 62.4	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/15/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

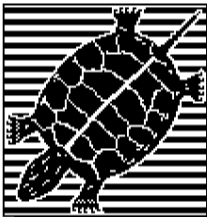
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.7	GPM TOTAL FLOW is 54057371	GAL	
W2_FLO is 23.7	GPM TOTAL FLOW is 50038654	GAL	
ASBPRS is 10.5	IWC LIMITS are L: 5.0	IWC	H: 30.0 IWC
HP_FLO is 2.29	GPM TOTAL FLOW is 479658	GAL	
HP_PRS is 8.3	PSI LIMITS are L: -2.0	PSI	H: 20.0 PSI
HP_AMP is 10.21	AMP LIMITS are L: 0.00	AMP	H: AMP
W1_AMP is 4.56	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.58	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.18	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.57	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.5	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
INTMP is 61.3	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/16/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

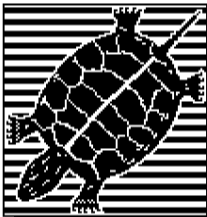
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.7	GPM TOTAL FLOW is 54092622	GAL	
W2_FLO is 23.7	GPM TOTAL FLOW is 50072605	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 479735	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 4.61	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.59	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.26	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.46	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
INTMP is 58.6	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/17/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

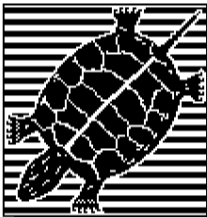
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.7	GPM TOTAL FLOW is 54127819	GAL	
W2_FLO is 23.9	GPM TOTAL FLOW is 50106509	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 479787	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 4.67	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.15	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.34	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.5	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
INTMP is 61.7	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/18/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

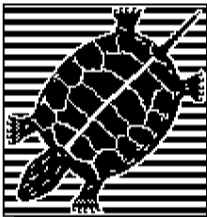
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.1	GPM TOTAL FLOW is 54162952	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 50140377	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 479841	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 4.71	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 30.89	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 4.6	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 61.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/19/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

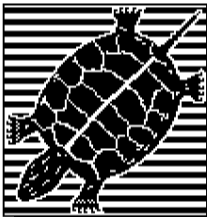
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM TOTAL FLOW is 54198068	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 50174237	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 479884	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 4.71	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.69	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.09	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.38	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.5	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
INTMP is 62.3	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/20/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

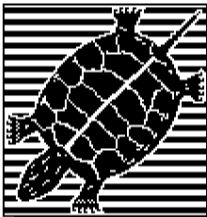
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.2	GPM TOTAL FLOW is 54233271	GAL	
W2_FLO is 23.8	GPM TOTAL FLOW is 50208167	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 479962	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 4.78	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.25	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.15	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
INTMP is 59.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/21/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

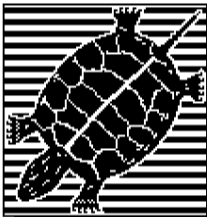
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.2	GPM	TOTAL FLOW is 54268419	GAL		
W2_FLO is 23.3	GPM	TOTAL FLOW is 50242078	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 480028	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 4.79	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 31.12	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 4.5	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
INTMP is 62.2	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/22/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

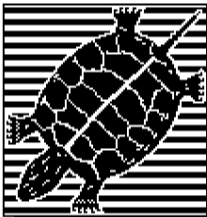
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.2	GPM	TOTAL FLOW is 54303617	GAL		
W2_FLO is 23.8	GPM	TOTAL FLOW is 50275921	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 480082	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 4.71	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 30.77	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 55.98	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 4.6	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
INTEMP is 61.9	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/23/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

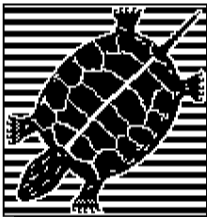
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.4	GPM TOTAL FLOW is 54338818	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 50309734	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 480160	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 4.59	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.58	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 30.84	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 4.5	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
INTMP is 59.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/24/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

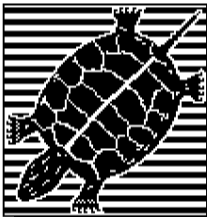
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.6	GPM	TOTAL FLOW is 54373966	GAL		
W2_FLO is 23.9	GPM	TOTAL FLOW is 50343522	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 480212	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 4.70	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 30.46	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 55.96	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 4.6	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+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/25/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

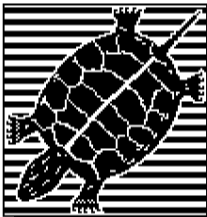
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.5	GPM	TOTAL FLOW is 54409057	GAL		
W2_FLO is 23.2	GPM	TOTAL FLOW is 50377279	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 480254	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 4.70	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.69	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 30.21	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 55.83	FT	LIMITS are L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.6	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
INTMP is 64.2	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/26/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

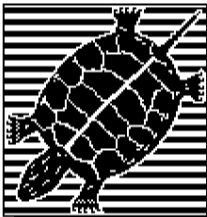
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.3	GPM	TOTAL FLOW is 54444161	GAL		
W2_FLO is 23.4	GPM	TOTAL FLOW is 50411047	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 480324	GAL		
HP_PRS is 1.3	PSI	LIMITS are L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 0.04	AMP	LIMITS are L: 0.00	AMP	H:	AMP
W1_AMP is 4.54	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.55	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 30.18	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 55.89	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 64.0	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

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

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

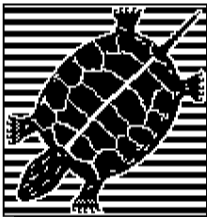
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.5	GPM	TOTAL FLOW is 54831915	GAL		
W2_FLO is 23.2	GPM	TOTAL FLOW is 50782960	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 480980	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 4.63	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.62	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 31.95	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 57.58	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 4.5	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
INTEMP is 63.1	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

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

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

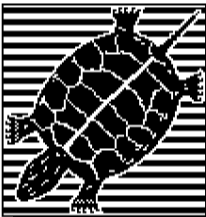
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.9	GPM	TOTAL FLOW is 54867583	GAL		
W2_FLO is 23.5	GPM	TOTAL FLOW is 50816994	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 481048	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 4.63	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 33.10	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 58.38	FT	LIMITS are L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.5	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
INTMP is 62.9	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/08/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

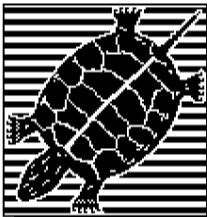
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.7	GPM TOTAL FLOW is 54903154	GAL	
W2_FLO is 24.0	GPM TOTAL FLOW is 50850958	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 481101	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 4.68	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 32.28	FT LIMITS are L: 8.00	FT H: 28.00	FT
W2_LVL is 57.46	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 4.5	PSI LIMITS are L: 0.5	PSI H: 100.0	PSI
INTMP is 60.1	DEG LIMITS are L: 42.0	DEG H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/09/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

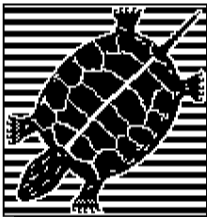
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.7	GPM TOTAL FLOW is 54938587	GAL	
W2_FLO is 23.6	GPM TOTAL FLOW is 50884822	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 481143	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 4.65	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 57.01	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 4.5	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 62.7	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

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

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

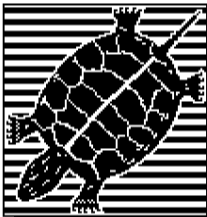
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.3	GPM TOTAL FLOW is 54973957	GAL	
W2_FLO is 23.7	GPM TOTAL FLOW is 50918645	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 481186	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 4.78	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.39	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.78	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 4.5	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 63.0	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/11/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

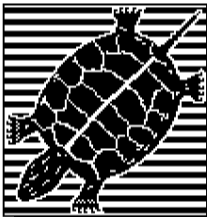
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.8	GPM TOTAL FLOW is 55009242	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 50952426	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 481229	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 4.89	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 31.26	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.57	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 4.4	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 64.7	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/12/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

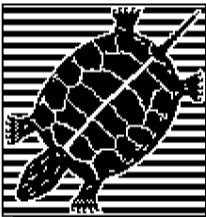
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.8	GPM TOTAL FLOW is 55044428	GAL	
W2_FLO is 22.7	GPM TOTAL FLOW is 50986145	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 481244	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 4.64	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 31.11	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 4.4	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
INTMP is 64.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/13/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

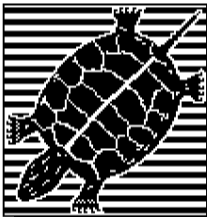
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.9	GPM	TOTAL FLOW is 55079537	GAL		
W2_FLO is 23.0	GPM	TOTAL FLOW is 51019798	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 481272	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 4.68	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.67	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 30.77	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 4.5	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.2	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
INTEMP is 67.3	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/14/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

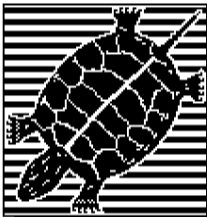
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.7	GPM	TOTAL FLOW is 55114597	GAL		
W2_FLO is 23.5	GPM	TOTAL FLOW is 51053437	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 481287	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 4.73	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.70	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 30.71	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.12	FT	LIMITS are L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.4	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 4.1	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
INTEMP is 65.3	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/15/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

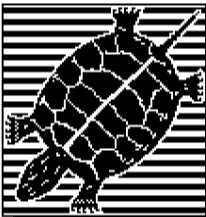
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.4	GPM TOTAL FLOW is 55149683	GAL	
W2_FLO is 23.5	GPM TOTAL FLOW is 51087090	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 481330	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 4.68	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 55.98	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 4.3	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 63.4	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/16/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

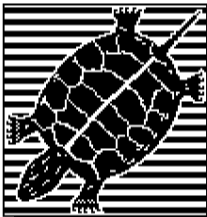
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.5	GPM TOTAL FLOW is 55184770	GAL	
W2_FLO is 23.2	GPM TOTAL FLOW is 51120770	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 481372	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 4.70	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.69	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 30.59	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.10	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.3	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 4.0	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 65.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/17/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

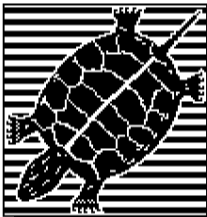
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.1	GPM TOTAL FLOW is 55219901	GAL	
W2_FLO is 23.2	GPM TOTAL FLOW is 51154459	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 481398	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 4.74	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 30.55	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.08	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.2	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 3.8	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 66.5	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/18/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

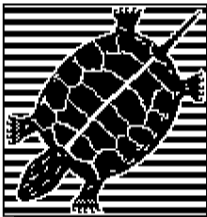
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.9	GPM TOTAL FLOW is 55254912	GAL	
W2_FLO is 23.3	GPM TOTAL FLOW is 51188064	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 481398	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 4.73	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 30.31	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 4.1	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 3.2	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 67.5	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/19/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

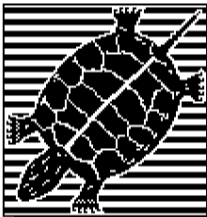
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.2	GPM	TOTAL FLOW is 55289824	GAL		
W2_FLO is 23.4	GPM	TOTAL FLOW is 51221647	GAL		
ASBPRS is 10.1	IWC	LIMITS are L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is 481398	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 4.56	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W2_AMP is 4.57	AMP	LIMITS are L: 0.00	AMP	H: 10.00	AMP
W1_LVL is 30.33	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 56.04	FT	LIMITS are L: 9.00	FT	H: 52.00	FT
W1_PRS is 3.9	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 2.7	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
INTEMP is 67.7	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd.

Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/20/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

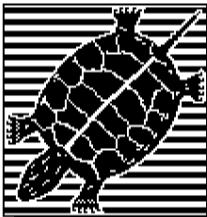
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.7	GPM TOTAL FLOW is 55324705	GAL	
W2_FLO is 23.4	GPM TOTAL FLOW is 51255285	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 481412	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 4.68	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.67	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 30.66	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.38	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 3.9	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 2.5	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 66.0	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/21/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

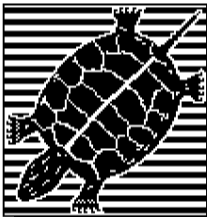
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.1	GPM TOTAL FLOW is 55359598	GAL	
W2_FLO is 23.6	GPM TOTAL FLOW is 51289024	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 481455	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 4.60	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.60	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 30.61	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.15	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.1	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 2.8	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 64.5	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/22/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

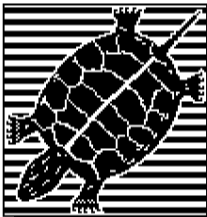
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.2	GPM TOTAL FLOW is 55394441	GAL	
W2_FLO is 23.7	GPM TOTAL FLOW is 51322748	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 481484	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 4.64	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 30.51	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 56.00	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.2	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 3.4	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 63.8	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/23/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

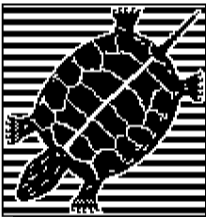
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 23.7	GPM TOTAL FLOW is 55429221	GAL	
W2_FLO is 23.3	GPM TOTAL FLOW is 51356434	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 481512	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 4.59	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.59	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 30.09	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 4.1	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 3.2	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 67.6	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/24/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

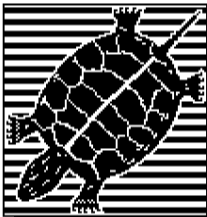
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 23.6	GPM TOTAL FLOW is 55463949	GAL	
W2_FLO is 23.8	GPM TOTAL FLOW is 51390099	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 481512	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 4.75	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 29.99	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 55.91	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 3.9	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 2.3	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 66.0	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/25/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL

Discrete Inputs:

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

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 23.9	GPM TOTAL FLOW is 55498739	GAL	
W2_FLO is 23.3	GPM TOTAL FLOW is 51423807	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 481552	GAL	
HP_PRS is 1.2	PSI LIMITS are L: -2.0	PSI	H: 20.0 PSI
HP_AMP is 0.05	AMP LIMITS are L: 0.00	AMP	H: AMP
W1_AMP is 4.82	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.82	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 30.34	FT LIMITS are L: 8.00	FT	H: 28.00 FT
W2_LVL is 55.91	FT LIMITS are L: 9.00	FT	H: 52.00 FT
W1_PRS is 4.2	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 3.0	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTMP is 64.2	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ALARM Fax Report

EOS Research Ltd.

ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 18:45:02 ON 06/25/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P19 : LAST SHUTDOWN @ 22:02:14 ON 03/08/2017 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 18

Discrete Inputs:

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

Discrete Outputs:

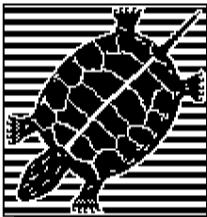
W1_GO is OFF	W2_GO is OFF	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is ON
W2_ALM is ON	ASBALM is ON	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 0.0	GPM	TOTAL FLOW is 55517181	GAL		
W2_FLO is 0.0	GPM	TOTAL FLOW is 51441688	GAL		
ASBPRS is 0.8	IWC	LIMITS are L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is 481552	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 32.11	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 69.7	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/27/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 18:55:06 ON 06/25/2017 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:

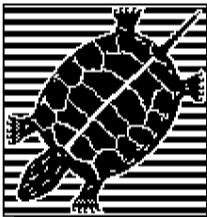
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.2	GPM TOTAL FLOW is 55550653	GAL	
W2_FLO is 23.6	GPM TOTAL FLOW is 51474020	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 481609	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 4.66	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W2_AMP is 4.66	AMP LIMITS are L: 0.00	AMP	H: 10.00 AMP
W1_LVL is 30.20	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 4.3	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 3.9	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTEMP is 63.1	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/28/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 18:55:06 ON 06/25/2017 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:

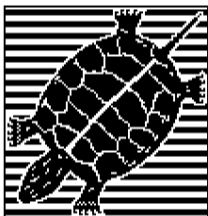
W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 24.5	GPM TOTAL FLOW is 55585752	GAL	
W2_FLO is 24.1	GPM TOTAL FLOW is 51507888	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 481665	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 4.73	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 30.40	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 4.4	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
W2_PRS is 4.0	PSI LIMITS are L: 0.5	PSI	H: 100.0 PSI
INTEMP is 62.4	DEG LIMITS are L: 42.0	DEG	H: 130.0 DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

EOS Research Ltd. Fox Report

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/29/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P35 : LAST SHUTDOWN @ 18:55:06 ON 06/25/2017 BY ASBVFD

Discrete Inputs:

W1_CTR is ON	W2_CTR is ON	ASBVFD is ON	SMPCTR is OFF
UP_OP : OFF	1ST_WW : OFF	1ST_L2 : OFF	FLIGHT : OFF



ALARM Fax Report

EOS Research Ltd.

ProControl Series II+

To:

JEREMY WYCKOFF

From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 10:37:21 ON 06/29/2017
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

System Status:

AUTO P18 : LAST SHUTDOWN @ 08:01:28 ON 06/29/2017 BY KEYPAD
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 OFF	E_STOP is OFF		

Discrete Outputs:

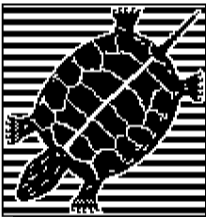
W1_GO is OFF	W2_GO is OFF	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is ON
W2_ALM is ON	ASBALM is ON	SMPALM is OFF	AIR_LL is OFF
VFDRUN is OFF	VFDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 4.2	GPM	TOTAL FLOW is 55623610	GAL		
W2_FLO is 5.8	GPM	TOTAL FLOW is 51544344	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 481719	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 32.50	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 57.14	FT	LIMITS are L: 9.00	FT	H: 52.00	FT
W1_PRS is 0.0	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 0.0	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
INTEMP is 68.1	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN



ProControl Series II+

ECOS Research Ltd. Fax Report

To:

JEREMY WYCKOFF

From:

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

System Status:

AUTO : LAST SHUTDOWN @ 08:01:28 ON 06/29/2017 BY KEYPAD

Discrete Inputs:

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

Discrete Outputs:

W1_GO is ON	W2_GO is ON	ASB_GO is ON	SMP_GO is OFF
AIR_HH is OFF	ASMPHH is OFF	ASMPLL is OFF	W1_ALM is OFF
W2_ALM is OFF	ASBALM is OFF	SMPALM is OFF	AIR_LL is OFF
VEDRUN is OFF	VEDRST is OFF	HPMPO is ON	

Analog Inputs:

W1_FLO is 20.3	GPM	TOTAL FLOW is 55646695	GAL		
W2_FLO is 23.8	GPM	TOTAL FLOW is 51571816	GAL		
ASBPRS is 10.1	IWC	LIMITS are L: 5.0	IWC	H: 30.0	IWC
HP_FLO is 0.00	GPM	TOTAL FLOW is 481872	GAL		
HP_PRS is 1.2	PSI	LIMITS are L: -2.0	PSI	H: 20.0	PSI
HP_AMP is 1.00	AMP	LIMITS are L: 0.00	AMP	H:	AMP
W1_AMP is 4.73	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 30.00	FT	LIMITS are L: 8.00	FT	H: 28.00	FT
W2_LVL is 55.70	FT	LIMITS are L: 9.00	FT	H: 52.00	FT
W1_PRS is 4.0	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
W2_PRS is 3.3	PSI	LIMITS are L: 0.5	PSI	H: 100.0	PSI
INTMP is 63.2	DEG	LIMITS are L: 42.0	DEG	H: 130.0	DEG

Analog Outputs:

ASBSPD 0.0 PCT MAN

APPENDIX B

O&M Checklists



Date	4/26/2017
Inspector	L. Whalen
Time	7:45

[illegible]

Date	5/24/2017
Inspector	L. Whalen
Time	12:48

[illegible]

Date 5/24/2017
Inspector L. Whalen/J. Wyckoff
Time 07:30

[illegible]

APPENDIX C

Analytical Reporting Forms



May 8, 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: 17D1356

Enclosed are results of analyses for samples received by the laboratory on April 28, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", with a horizontal line extending to the right.

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: 5/8/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17D1356

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	17D1356-01	Ground Water		EPA 624	
RW-2	17D1356-02	Ground Water		EPA 624	
EFF 46 HZ	17D1356-03	Ground Water		EPA 624	
Trip Blank	17D1356-04	Trip Blank Water		EPA 624	

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.

A handwritten signature in black ink, appearing to read "Lisa Worthington", is written over a light pink rectangular background.

Lisa A. Worthington
Project Manager

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

Project Location: South Otselic, NY

Sample Description:

Work Order: 17D1356

Date Received: 4/28/2017

Field Sample #: RW-1

Sampled: 4/26/2017 06:30

Sample ID: 17D1356-01

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	5/5/17	5/6/17 0:36	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
1,1-Dichloroethane	1.4	2.0	0.16	µg/L	1	J	EPA 624	5/5/17	5/6/17 0:36	LBD
1,1-Dichloroethylene	0.65	2.0	0.21	µg/L	1	J	EPA 624	5/5/17	5/6/17 0:36	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
1,1,1-Trichloroethane	30	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 0:36	LBD
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	86.5	70-130				5/6/17 0:36				
Toluene-d8	99.8	70-130				5/6/17 0:36				
4-Bromofluorobenzene	96.2	70-130				5/6/17 0:36				

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Project Location: South Otselic, NY

Sample Description:

Work Order: 17D1356

Date Received: 4/28/2017

Field Sample #: RW-2

Sampled: 4/26/2017 06:35

Sample ID: 17D1356-02

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	5/5/17	5/6/17 1:06	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
1,1-Dichloroethane	0.63	2.0	0.16	µg/L	1	J	EPA 624	5/5/17	5/6/17 1:06	LBD
1,1-Dichloroethylene	0.51	2.0	0.21	µg/L	1	J	EPA 624	5/5/17	5/6/17 1:06	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
1,1,1-Trichloroethane	26	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 1:06	LBD
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	87.2	70-130				5/6/17 1:06				
Toluene-d8	99.8	70-130				5/6/17 1:06				
4-Bromofluorobenzene	97.4	70-130				5/6/17 1:06				

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

Project Location: South Otselic, NY

Sample Description:

Work Order: 17D1356

Date Received: 4/28/2017

Field Sample #: EFF 46 HZ

Sampled: 4/26/2017 06:40

Sample ID: 17D1356-03

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	5/5/17	5/6/17 0:05	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/6/17 0:05	LBD
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	87.6	70-130				5/6/17 0:05				
Toluene-d8	98.8	70-130				5/6/17 0:05				
4-Bromofluorobenzene	95.8	70-130				5/6/17 0:05				

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

Project Location: South Otselic, NY

Sample Description:

Work Order: 17D1356

Date Received: 4/28/2017

Field Sample #: Trip Blank

Sampled: 4/26/2017 00:00

Sample ID: 17D1356-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Toluene	0.64	1.0	0.17	µg/L	1	J	EPA 624	5/5/17	5/5/17 23:34	LBD
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	5/5/17	5/5/17 23:34	LBD
m+p Xylene	0.37	2.0	0.26	µg/L	1	J	EPA 624	5/5/17	5/5/17 23:34	LBD
o-Xylene	0.17	2.0	0.13	µg/L	1	J	EPA 624	5/5/17	5/5/17 23:34	LBD
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	87.0	70-130				5/5/17 23:34				
Toluene-d8	100	70-130				5/5/17 23:34				
4-Bromofluorobenzene	97.3	70-130				5/5/17 23:34				

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

Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17D1356-01 [RW-1]	B176188	5	5.00	05/05/17
17D1356-02 [RW-2]	B176188	5	5.00	05/05/17
17D1356-03 [EFF 46 HZ]	B176188	5	5.00	05/05/17
17D1356-04 [Trip Blank]	B176188	5	5.00	05/05/17

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

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B176188 - SW-846 5030B
Blank (B176188-BLK1)

Prepared & Analyzed: 05/05/17

Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
2-Chloroethyl Vinyl Ether	ND	10	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	21.4		µg/L	25.0		85.5	70-130			
Surrogate: Toluene-d8	25.3		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.0		95.7	70-130			

LCS (B176188-BS1)

Prepared & Analyzed: 05/05/17

Benzene	9.92	1.0	µg/L	10.0		99.2	37-151			
Bromodichloromethane	9.60	2.0	µg/L	10.0		96.0	35-155			
Bromoform	9.75	2.0	µg/L	10.0		97.5	45-169			
Bromomethane	7.30	2.0	µg/L	10.0		73.0	20-242			
Carbon Tetrachloride	9.41	2.0	µg/L	10.0		94.1	70-140			
Chlorobenzene	10.2	2.0	µg/L	10.0		102	37-160			
Chlorodibromomethane	9.90	2.0	µg/L	10.0		99.0	53-149			
Chloroethane	9.01	2.0	µg/L	10.0		90.1	70-130			
2-Chloroethyl Vinyl Ether	51.6	10	µg/L	100		51.6	10-305			
Chloroform	8.72	2.0	µg/L	10.0		87.2	51-138			
Chloromethane	8.16	2.0	µg/L	10.0		81.6	20-273			
1,2-Dichlorobenzene	9.22	2.0	µg/L	10.0		92.2	18-190			
1,3-Dichlorobenzene	9.18	2.0	µg/L	10.0		91.8	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 B176188 - SW-846 5030B										
LCS (B176188-BS1)				Prepared & Analyzed: 05/05/17						
1,4-Dichlorobenzene	9.10	2.0	µg/L	10.0		91.0	18-190			
1,2-Dichloroethane	9.34	2.0	µg/L	10.0		93.4	49-155			
1,1-Dichloroethane	9.58	2.0	µg/L	10.0		95.8	59-155			
1,1-Dichloroethylene	8.17	2.0	µg/L	10.0		81.7	20-234			
trans-1,2-Dichloroethylene	9.33	2.0	µg/L	10.0		93.3	54-156			
1,2-Dichloropropane	10.5	2.0	µg/L	10.0		105	20-210			
cis-1,3-Dichloropropene	11.0	2.0	µg/L	10.0		110	20-227			
trans-1,3-Dichloropropene	10.4	2.0	µg/L	10.0		104	17-183			
Ethylbenzene	10.9	2.0	µg/L	10.0		109	37-162			
Methyl tert-Butyl Ether (MTBE)	9.70	2.0	µg/L	10.0		97.0	70-130			
Methylene Chloride	8.29	5.0	µg/L	10.0		82.9	50-221			
1,1,2,2-Tetrachloroethane	9.89	2.0	µg/L	10.0		98.9	46-157			
Tetrachloroethylene	10.3	2.0	µg/L	10.0		103	64-148			
Toluene	11.0	1.0	µg/L	10.0		110	47-150			
1,1,1-Trichloroethane	8.79	2.0	µg/L	10.0		87.9	52-162			
1,1,2-Trichloroethane	10.4	2.0	µg/L	10.0		104	52-150			
Trichloroethylene	9.91	2.0	µg/L	10.0		99.1	71-157			
Trichlorofluoromethane (Freon 11)	9.26	2.0	µg/L	10.0		92.6	17-181			
Vinyl Chloride	8.96	2.0	µg/L	10.0		89.6	20-251			
m+p Xylene	21.3	2.0	µg/L	20.0		106	70-130			
o-Xylene	10.6	2.0	µg/L	10.0		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	21.2		µg/L	25.0		84.7	70-130			
Surrogate: Toluene-d8	25.1		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.1	70-130			

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

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).

CERTIFICATIONS
Certified Analyses included in this Report

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

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 Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
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



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

con-test
ANALYTICAL LABORATORY

Company Name: Arcadis

Address: 855 Route 146, STE 210

Clifton Park NY 12065

Attention: J. Wye Koff

Project Location: S. Otselic NY.

Sampled By: L. Whalen

CHAIN OF CUSTODY RECORD

NEW YORK STATE

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

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)

Collection

Beginning Date/Time

Ending Date/Time

Client Sample ID / Description

Composite

Grab

*Matrix Code

Conc Code

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

Turnaround

☐ 5-Day

☐ 7 Day

☒ 10-Day or RUSH

24 hr ☐ 48 hr ☐

72 hr ☐ 4 day ☐

Require lab approval

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

ANALYSIS REQUESTED

Field Filtered

Lab to Filter

***Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V= vial

S=summary can

T=tetral 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

Program Information/Regulatory

NY TOGS

NY Restricted Use

AWQ STDS

NY Unrestricted Use

NYC Sewer Discharge

Part 360 GW (Landfill)

Deliverables

ASP-A

Equis (1 file)

ASP-B

Equis (4 file)

Turnaround

5-Day

7 Day

10-Day or RUSH

24 hr

48 hr

72 hr

4 day

Require lab approval

of Containers

** Preservation

***Container Code

Dissolved Metals

Field Filtered

Lab to Filter

***Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V= vial

S=summary can

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O=Other

***Preservation

I = Iced

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

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X = Na hydroxide

T = Na thiosulfate

O = Other

***Matrix Code:

GW= groundwater

WW= wastewater

DW= drinking water

A = air

S = soil/solid

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Program Information/Regulatory

NY TOGS

NY Restricted Use

AWQ STDS

NY Unrestricted Use

NYC Sewer Discharge

Part 360 GW (Landfill)

Deliverables

ASP-A

Equis (1 file)

ASP-B

Equis (4 file)

Turnaround

5-Day

7 Day

10-Day or RUSH

24 hr

48 hr

of Containers

** Preservation

***Container Code

Dissolved Metals

Field Filtered

Lab to Filter

***Cont. Code:

A=amber glass

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I = Iced

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O = Other

***Matrix Code:

GW= groundwater

WW= wastewater

DW= drinking water

A = air

S = soil/solid

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Program Information/Regulatory

NY TOGS

NY Restricted Use

AWQ STDS

NY Unrestricted Use

NYC Sewer Discharge

Part 360 GW (Landfill)

Deliverables

ASP-A

Equis (1 file)

ASP-B

Equis (4 file)

Turnaround

5-Day

7 Day

10-Day or RUSH

24 hr

48 hr

of Containers

** Preservation

***Container Code

Dissolved Metals

Field Filtered

Lab to Filter

***Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V= vial

S=summary can

T=tetral 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

Program Information/Regulatory

NY TOGS

NY Restricted Use

AWQ STDS

NY Unrestricted Use

NYC Sewer Discharge

Part 360 GW (Landfill)

Deliverables

ASP-A

Equis (1 file)

ASP-B

Equis (4 file)

Turnaround

5-Day

7 Day

10-Day or RUSH

24 hr

48 hr

of Containers

** Preservation

***Container Code

Dissolved Metals

Field Filtered

Lab to Filter

***Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V= vial

S=summary can

T=tetral 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

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** Preservation

***Container Code

Dissolved Metals

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Lab to Filter

***Cont. Code:

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ST=sterile

V= vial

S=summary can

T=tetral bag

O=Other

***Preservation

I = Iced

H = HCL

39 Spruce St.
East Longmeadow, MA. 01028
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Page 1 of 2

Sample Receipt Checklist

CLIENT NAME: ARCADIC RECEIVED BY: RD DATE: 04/08/12

- 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 2.50C # 7

- 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 ☐ 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	(1)	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Time and Date Frozen:

40 mL vials: # HCl # Methanol
Bisulfate # DI Water
Thiosulfate Unpreserved

Doc# 277

Rev. 4 August 2013

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)	Comment
	T/F/NA	
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	2.5°C ± 7
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.	Bn ~~NA~~ T	
18) There is sufficient volume for all requested 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:

BA

Date/Time:

04/28/17

10:24

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FedEx® Tracking

631300008862

Ship date:

Thu 4/27/2017

Actual delivery:

Fri 4/28/2017 10:24 am

**Delivered**

Signed for by: B.BONITA

Travel History

▲ Date/Time	Activity	Location
■ 4/28/2017 - Friday		
10:24 am	Delivered	
8:12 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
8:06 am	At local FedEx facility	WINDSOR LOCKS, CT
6:17 am	At destination sort facility	EAST GRANBY, CT
4:36 am	Departed FedEx location	INDIANAPOLIS, IN
■ 4/27/2017 - Thursday		
11:45 pm	Arrived at FedEx location	INDIANAPOLIS, IN
8:35 pm	Left FedEx origin facility	NORTH SYRACUSE, NY
5:05 pm	Picked up	NORTH SYRACUSE, NY
9:16 am	Picked up	SYRACUSE, NY
	Tendered at FedEx Office	

Shipment Facts

Tracking number	631300008862	Service	FedEx Standard Overnight
Dimensions	13x10x9 in.	Delivered To	Receptionist/Front Desk
Total pieces	1	Packaging	Your Packaging
Special handling section	Deliver Weekday, Additional Handling Surcharge	Standard transit	4/28/2017 by 3:00 pm

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June 7, 2017

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: 17E1331

Enclosed are results of analyses for samples received by the laboratory on May 26, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", with a horizontal line extending to the right.

Aaron L. Benoit
Project Manager

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

REPORT DATE: 6/7/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17E1331

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	17E1331-01	Ground Water		EPA 624	
RW-2	17E1331-02	Ground Water		EPA 624	
EFF 46 HZ	17E1331-03	Ground Water		EPA 624	
Trip Blank	17E1331-04	Trip Blank Water		EPA 624	

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.

A handwritten signature in black ink, appearing to read "Lisa Worthington", is written over a light pink rectangular background.

Lisa A. Worthington
Project Manager

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: 17E1331

Date Received: 5/26/2017

Field Sample #: RW-1

Sampled: 5/24/2017 12:20

Sample ID: 17E1331-01

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	6/1/17	6/5/17 21:05	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
1,1-Dichloroethane	1.4	2.0	0.16	µg/L	1	J	EPA 624	6/1/17	6/5/17 21:05	LBD
1,1-Dichloroethylene	0.69	2.0	0.21	µg/L	1	J	EPA 624	6/1/17	6/5/17 21:05	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
1,1,1-Trichloroethane	31	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 21:05	LBD
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	87.7	70-130				6/5/17 21:05				
Toluene-d8	99.7	70-130				6/5/17 21:05				
4-Bromofluorobenzene	97.2	70-130				6/5/17 21:05				

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Project Location: S. Otselic N.Y

Sample Description:

Work Order: 17E1331

Date Received: 5/26/2017

Field Sample #: RW-2

Sampled: 5/24/2017 12:25

Sample ID: 17E1331-02

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	6/1/17	6/5/17 21:36	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
1,1-Dichloroethane	0.65	2.0	0.16	µg/L	1	J	EPA 624	6/1/17	6/5/17 21:36	LBD
1,1-Dichloroethylene	0.57	2.0	0.21	µg/L	1	J	EPA 624	6/1/17	6/5/17 21:36	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
1,1,1-Trichloroethane	27	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 21:36	LBD
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	87.0	70-130				6/5/17 21:36				
Toluene-d8	99.2	70-130				6/5/17 21:36				
4-Bromofluorobenzene	98.3	70-130				6/5/17 21:36				

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Project Location: S. Otselic N.Y

Sample Description:

Work Order: 17E1331

Date Received: 5/26/2017

Field Sample #: EFF 46 HZ

Sampled: 5/24/2017 12:30

Sample ID: 17E1331-03

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	6/1/17	6/5/17 20:35	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
1,1,1-Trichloroethane	0.22	2.0	0.13	µg/L	1	J	EPA 624	6/1/17	6/5/17 20:35	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 20:35	LBD
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	85.8	70-130				6/5/17 20:35				
Toluene-d8	99.6	70-130				6/5/17 20:35				
4-Bromofluorobenzene	96.1	70-130				6/5/17 20:35				

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: 17E1331

Date Received: 5/26/2017

Field Sample #: Trip Blank

Sampled: 5/24/2017 00:00

Sample ID: 17E1331-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	6/1/17	6/5/17 20:04	LBD
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	87.4	70-130				6/5/17 20:04				
Toluene-d8	100	70-130				6/5/17 20:04				
4-Bromofluorobenzene	98.7	70-130				6/5/17 20:04				

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

Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17E1331-01 [RW-1]	B178233	5	5.00	06/01/17
17E1331-02 [RW-2]	B178233	5	5.00	06/01/17
17E1331-03 [EFF 46 HZ]	B178233	5	5.00	06/01/17
17E1331-04 [Trip Blank]	B178233	5	5.00	06/01/17

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B178233 - SW-846 5030B

Blank (B178233-BLK1)

Prepared: 06/01/17 Analyzed: 06/05/17

Benzene	ND	1.0	µg/L							
Bromodichloromethane	ND	2.0	µg/L							
Bromoform	ND	2.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	2.0	µg/L							
Chlorobenzene	ND	2.0	µg/L							
Chlorodibromomethane	ND	2.0	µg/L							
Chloroethane	ND	2.0	µg/L							
2-Chloroethyl Vinyl Ether	ND	10	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
1,2-Dichlorobenzene	ND	2.0	µg/L							
1,3-Dichlorobenzene	ND	2.0	µg/L							
1,4-Dichlorobenzene	ND	2.0	µg/L							
1,2-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethane	ND	2.0	µg/L							
1,1-Dichloroethylene	ND	2.0	µg/L							
trans-1,2-Dichloroethylene	ND	2.0	µg/L							
1,2-Dichloropropane	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	2.0	µg/L							
trans-1,3-Dichloropropene	ND	2.0	µg/L							
Ethylbenzene	ND	2.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L							
Tetrachloroethylene	ND	2.0	µg/L							
Toluene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	2.0	µg/L							
1,1,2-Trichloroethane	ND	2.0	µg/L							
Trichloroethylene	ND	2.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	22.4		µg/L	25.0		89.6	70-130			
Surrogate: Toluene-d8	25.1		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	24.0		µg/L	25.0		95.8	70-130			

LCS (B178233-BS1)

Prepared: 06/01/17 Analyzed: 06/05/17

Benzene	10.5	1.0	µg/L	10.0		105	37-151			
Bromodichloromethane	9.76	2.0	µg/L	10.0		97.6	35-155			
Bromoform	9.88	2.0	µg/L	10.0		98.8	45-169			
Bromomethane	9.56	2.0	µg/L	10.0		95.6	20-242			
Carbon Tetrachloride	9.76	2.0	µg/L	10.0		97.6	70-140			
Chlorobenzene	9.90	2.0	µg/L	10.0		99.0	37-160			
Chlorodibromomethane	10.3	2.0	µg/L	10.0		103	53-149			
Chloroethane	9.31	2.0	µg/L	10.0		93.1	70-130			
2-Chloroethyl Vinyl Ether	74.0	10	µg/L	100		74.0	10-305			
Chloroform	9.04	2.0	µg/L	10.0		90.4	51-138			
Chloromethane	9.03	2.0	µg/L	10.0		90.3	20-273			
1,2-Dichlorobenzene	9.43	2.0	µg/L	10.0		94.3	18-190			
1,3-Dichlorobenzene	9.06	2.0	µg/L	10.0		90.6	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 B178233 - SW-846 5030B										
LCS (B178233-BS1)					Prepared: 06/01/17 Analyzed: 06/05/17					
1,4-Dichlorobenzene	9.14	2.0	µg/L	10.0		91.4	18-190			
1,2-Dichloroethane	9.22	2.0	µg/L	10.0		92.2	49-155			
1,1-Dichloroethane	10.2	2.0	µg/L	10.0		102	59-155			
1,1-Dichloroethylene	8.59	2.0	µg/L	10.0		85.9	20-234			
trans-1,2-Dichloroethylene	9.95	2.0	µg/L	10.0		99.5	54-156			
1,2-Dichloropropane	10.8	2.0	µg/L	10.0		108	20-210			
cis-1,3-Dichloropropene	11.2	2.0	µg/L	10.0		112	20-227			
trans-1,3-Dichloropropene	11.2	2.0	µg/L	10.0		112	17-183			
Ethylbenzene	10.7	2.0	µg/L	10.0		107	37-162			
Methyl tert-Butyl Ether (MTBE)	10.6	2.0	µg/L	10.0		106	70-130			
Methylene Chloride	9.42	5.0	µg/L	10.0		94.2	50-221			
1,1,2,2-Tetrachloroethane	10.5	2.0	µg/L	10.0		105	46-157			
Tetrachloroethylene	10.0	2.0	µg/L	10.0		100	64-148			
Toluene	10.9	1.0	µg/L	10.0		109	47-150			
1,1,1-Trichloroethane	9.33	2.0	µg/L	10.0		93.3	52-162			
1,1,2-Trichloroethane	10.3	2.0	µg/L	10.0		103	52-150			
Trichloroethylene	9.96	2.0	µg/L	10.0		99.6	71-157			
Trichlorofluoromethane (Freon 11)	9.37	2.0	µg/L	10.0		93.7	17-181			
Vinyl Chloride	9.31	2.0	µg/L	10.0		93.1	20-251			
m+p Xylene	20.9	2.0	µg/L	20.0		104	70-130			
o-Xylene	10.5	2.0	µg/L	10.0		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	22.2		µg/L	25.0		88.8	70-130			
Surrogate: Toluene-d8	25.3		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.2	70-130			

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

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).

CERTIFICATIONS

Certified Analyses included in this Report

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

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 Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
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

CHAIN OF CUSTODY RECORD

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



39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name: Arcadis

Address: 855 ~~Chapin~~ Route 146 STE 210

City: Clifton Park NY 12065

Attention: J. Wyckoff

Project Location: S. Otselee NY

Sampled By: L. Whalen

Telephone: 518-250-7300

Project #: 00266406.0000

Client PO#: 12065

DATA DELIVERY (check all that apply)

Fax # ☐ FAX ☒ EMAIL ☐ WEBSITE

Email:

Format: PDF ☒ EXCEL ☒ GIS ☐ OTHER ☐

☐ "Enhanced Data Package"

Collection

Beginning Date/Time

Ending Date/Time

Composite

Grab

*Matrix Code

Lab Code

Con-Test Lab ID (laboratory use only)

Client Sample ID / Description

01 RW-1

02 RW-2

03 EFF 46 HZ

04 Trip Blank

5/24/17 12:20

12:25

12:30

-

X

X

X

X

X

X

X

Comments:

Relinquished by: (signature)

Date/Time: 5/24/17 18:00

Received by: (signature)

Date/Time: 5/26/17 09:27

Relinquished by: (signature)

Date/Time:

Received by: (signature)

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Relinquished by:

Received by:

Relinquished by:

Received by:

Relinquished by:

Received by:

Relinquished by:

Received by:

Program Information/Regulatory

NY TOGS ☒ NY Restricted Use

AWQ STDS ☐ NY Unrestricted Use

NYC Sewer Discharge ☐

Part 360 GW (Landfill) ☐

Deliverables

ASP-A ☐ Equis (1 file)

ASP-B ☒ Equis (4 file)

Turnaround

5-Day ☐

7 Day ☐

10-Day or ☒

RUSH ☒

24 hr ☐

48 hr ☐

72 hr ☐

4 day ☐

Require lab approval

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

Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

NY Part 375

NY CP-51

Other:

NY Part 375

NY CP-51

Other:

NY TOGS

NY Restricted Use

AWQ STDS

NY Unrestricted Use

NYC Sewer Discharge

Part 360 GW (Landfill)

Deliverables

ASP-A

Equis (1 file)

ASP-B

Equis (4 file)

Turnaround

5-Day

7 Day

10-Day or

RUSH

24 hr

48 hr

72 hr

4 day

Require lab approval

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

Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

NY Part 375

NY CP-51

Other:

NY Part 375

NY CP-51

Other:

NY TOGS

NY Restricted Use

AWQ STDS

NY Unrestricted Use

NYC Sewer Discharge

Part 360 GW (Landfill)

Deliverables

ASP-A

Equis (1 file)

ASP-B

Equis (4 file)

Turnaround

5-Day

7 Day

10-Day or

RUSH

24 hr

48 hr

72 hr

4 day

Require lab approval

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

Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

NY Part 375

NY CP-51

Other:

NY Part 375

NY CP-51

Other:

NY TOGS

NY Restricted Use

AWQ STDS

NY Unrestricted Use

NYC Sewer Discharge

Part 360 GW (Landfill)

Deliverables

ASP-A

Equis (1 file)

ASP-B

Equis (4 file)

Turnaround

5-Day

7 Day

10-Day or

RUSH

24 hr

48 hr

72 hr

4 day

Require lab approval

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

Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

NY Part 375

NY CP-51

Other:

NY Part 375

NY CP-51

Other:

NY TOGS

NY Restricted Use

AWQ STDS

NY Unrestricted Use

NYC Sewer Discharge

Part 360 GW (Landfill)

Deliverables

ASP-A

Equis (1 file)

ASP-B

Equis (4 file)

Turnaround

5-Day

7 Day

10-Day or

RUSH

24 hr

48 hr

72 hr

4 day

Require lab approval

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

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ASP-B

Equis (4 file)

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7 Day

10-Day or

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24 hr

48 hr

72 hr

4 day

Require lab approval

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

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Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

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S = soil/solid

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NY Part 375

NY CP-51

Other:

NY Part 375

NY CP-51

Other:

NY TOGS

NY Restricted Use

AWQ STDS

NY Unrestricted Use

NYC Sewer Discharge

Part 360 GW (Landfill)

Deliverables



Shipping

Tracking

Manage

Learn

FedEx Office®

Login

FedEx® Tracking

631300008873

Ship date:

Thu 5/25/2017

Actual delivery:

Fri 5/26/2017 9:27 am



Delivered

Signed for by: J.JOLLIE

Travel History

Date/Time	Activity	Location
5/26/2017 - Friday		
9:27 am	Delivered	
7:48 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
7:40 am	At local FedEx facility	WINDSOR LOCKS, CT
6:07 am	At destination sort facility	EAST GRANBY, CT
4:26 am	Departed FedEx location	INDIANAPOLIS, IN
12:07 am	Arrived at FedEx location	INDIANAPOLIS, IN
5/25/2017 - Thursday		
8:40 pm	Left FedEx origin facility	NORTH SYRACUSE, NY
5:04 pm	Picked up	NORTH SYRACUSE, NY
3:46 pm	Picked up	SYRACUSE, NY
	Tendered at FedEx Office	

Shipment Facts

Tracking number	631300008873	Service	FedEx Standard Overnight
Weight	8.1 lbs / 3.67 kgs	Dimensions	13x10x9 in.
Delivered To	Shipping/Receiving	Total pieces	1
Total shipment weight	8.1 lbs / 3.67 kgs	Packaging	Your Packaging
Special handling section	Deliver Weekday, Additional Handling Surcharge	Standard transit	5/26/2017 by 3.00 pm



Search or tracking number

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



Page 1 of 2

Sample Receipt Checklist

CLIENT NAME: Arcadis RECEIVED BY: MG DATE: 05/26/17

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 3.0 # 7

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	<u>11</u>	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:

Doc# 277 # Bisulfate # DI Water

Rev. 4 August 2013 # 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)	Comment
	T/F/NA	
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 requested 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	

Doc #277 Rev. 4 August 2013

Who notified of False statements?

Log-In Technician Initials:

MG

Date/Time:

Date/Time:

05/26/17
0927

July 12, 2017

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

Project Location: S. Otselic, NY
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 17F1804

Enclosed are results of analyses for samples received by the laboratory on June 30, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", with a horizontal line extending to the right.

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: 7/12/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17F1804

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

PROJECT LOCATION: S. Otselic, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
RW-1	17F1804-01	Ground Water		EPA 624	
RW-2	17F1804-02	Ground Water		EPA 624	
EFF 46 HZ	17F1804-03	Ground Water		EPA 624	
Trip Blank	17F1804-04	Trip Blank Water		EPA 624	

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.

A handwritten signature in black ink, appearing to read "Tod Kopyscinski". The signature is fluid and cursive, with the first name "Tod" being more prominent.

Tod E. Kopyscinski
Laboratory Director

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

Project Location: S. Otselic, NY

Sample Description:

Work Order: 17F1804

Date Received: 6/30/2017

Field Sample #: RW-1

Sampled: 6/29/2017 13:30

Sample ID: 17F1804-01

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	7/7/17	7/7/17 23:43	CMR
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
1,1-Dichloroethane	1.5	2.0	0.16	µg/L	1	J	EPA 624	7/7/17	7/7/17 23:43	CMR
1,1-Dichloroethylene	0.74	2.0	0.21	µg/L	1	J	EPA 624	7/7/17	7/7/17 23:43	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
1,1,1-Trichloroethane	35	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 23:43	CMR
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	87.6	70-130				7/7/17 23:43				
Toluene-d8	103	70-130				7/7/17 23:43				
4-Bromofluorobenzene	98.0	70-130				7/7/17 23:43				

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Project Location: S. Otselic, NY

Sample Description:

Work Order: 17F1804

Date Received: 6/30/2017

Field Sample #: RW-2

Sampled: 6/29/2017 13:40

Sample ID: 17F1804-02

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	7/7/17	7/8/17 0:14	CMR
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
1,1-Dichloroethane	0.75	2.0	0.16	µg/L	1	J	EPA 624	7/7/17	7/8/17 0:14	CMR
1,1-Dichloroethylene	0.55	2.0	0.21	µg/L	1	J	EPA 624	7/7/17	7/8/17 0:14	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
1,1,1-Trichloroethane	31	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/8/17 0:14	CMR
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	90.1	70-130								
Toluene-d8	102	70-130								
4-Bromofluorobenzene	97.0	70-130								

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Project Location: S. Otselic, NY

Sample Description:

Work Order: 17F1804

Date Received: 6/30/2017

Field Sample #: EFF 46 HZ

Sampled: 6/29/2017 13:50

Sample ID: 17F1804-03

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	7/7/17	7/7/17 23:13	CMR
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Toluene	ND	1.0	0.17	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 23:13	CMR
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	89.2	70-130				7/7/17 23:13				
Toluene-d8	102	70-130				7/7/17 23:13				
4-Bromofluorobenzene	98.1	70-130				7/7/17 23:13				

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

Project Location: S. Otselic, NY

Sample Description:

Work Order: 17F1804

Date Received: 6/30/2017

Field Sample #: Trip Blank

Sampled: 6/29/2017 00:00

Sample ID: 17F1804-04

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzene	ND	1.0	0.12	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Bromodichloromethane	ND	2.0	0.30	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Bromoform	ND	2.0	0.21	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Bromomethane	ND	2.0	0.94	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Carbon Tetrachloride	ND	2.0	0.25	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Chlorobenzene	ND	2.0	0.16	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Chlorodibromomethane	ND	2.0	0.10	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Chloroethane	ND	2.0	0.28	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
2-Chloroethyl Vinyl Ether	ND	10	2.2	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Chloroform	ND	2.0	0.22	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Chloromethane	ND	2.0	0.55	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
1,2-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
1,3-Dichlorobenzene	ND	2.0	0.17	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
1,4-Dichlorobenzene	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
1,2-Dichloroethane	ND	2.0	0.19	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
1,1-Dichloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
1,1-Dichloroethylene	ND	2.0	0.21	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
trans-1,2-Dichloroethylene	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
1,2-Dichloropropane	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
cis-1,3-Dichloropropene	ND	2.0	0.12	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
trans-1,3-Dichloropropene	ND	2.0	0.11	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Ethylbenzene	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.090	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Methylene Chloride	ND	5.0	3.2	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
1,1,2,2-Tetrachloroethane	ND	2.0	0.16	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Tetrachloroethylene	ND	2.0	0.27	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Toluene	0.26	1.0	0.17	µg/L	1	J	EPA 624	7/7/17	7/7/17 22:42	CMR
1,1,1-Trichloroethane	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
1,1,2-Trichloroethane	ND	2.0	0.24	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Trichloroethylene	ND	2.0	0.20	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Vinyl Chloride	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
m+p Xylene	ND	2.0	0.26	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
o-Xylene	ND	2.0	0.13	µg/L	1		EPA 624	7/7/17	7/7/17 22:42	CMR
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	89.8	70-130				7/7/17 22:42				
Toluene-d8	102	70-130				7/7/17 22:42				
4-Bromofluorobenzene	94.7	70-130				7/7/17 22:42				

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Sample Extraction Data

Prep Method: SW-846 5030B-EPA 624

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17F1804-01 [RW-1]	B181071	5	5.00	07/07/17
17F1804-02 [RW-2]	B181071	5	5.00	07/07/17
17F1804-03 [EFF 46 HZ]	B181071	5	5.00	07/07/17
17F1804-04 [Trip Blank]	B181071	5	5.00	07/07/17

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

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B181071 - SW-846 5030B
Blank (B181071-BLK1)

Prepared & Analyzed: 07/07/17

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	22.0		µg/L	25.0		88.1	70-130			
Surrogate: Toluene-d8	25.5		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.0		97.2	70-130			

LCS (B181071-BS1)

Prepared & Analyzed: 07/07/17

Benzene	10.7	1.0	µg/L	10.0		107	37-151			
Bromodichloromethane	10.1	2.0	µg/L	10.0		101	35-155			
Bromoform	10.1	2.0	µg/L	10.0		101	45-169			
Bromomethane	8.17	2.0	µg/L	10.0		81.7	20-242			
Carbon Tetrachloride	10.6	2.0	µg/L	10.0		106	70-140			
Chlorobenzene	9.92	2.0	µg/L	10.0		99.2	37-160			
Chlorodibromomethane	10.5	2.0	µg/L	10.0		105	53-149			
Chloroethane	9.26	2.0	µg/L	10.0		92.6	70-130			
2-Chloroethyl Vinyl Ether	42.2	10	µg/L	100		42.2	10-305			
Chloroform	9.70	2.0	µg/L	10.0		97.0	51-138			
Chloromethane	8.69	2.0	µg/L	10.0		86.9	20-273			
1,2-Dichlorobenzene	9.50	2.0	µg/L	10.0		95.0	18-190			
1,3-Dichlorobenzene	9.58	2.0	µg/L	10.0		95.8	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 B181071 - SW-846 5030B										
LCS (B181071-BS1)				Prepared & Analyzed: 07/07/17						
1,4-Dichlorobenzene	9.45	2.0	µg/L	10.0		94.5	18-190			
1,2-Dichloroethane	9.18	2.0	µg/L	10.0		91.8	49-155			
1,1-Dichloroethane	10.6	2.0	µg/L	10.0		106	59-155			
1,1-Dichloroethylene	9.48	2.0	µg/L	10.0		94.8	20-234			
trans-1,2-Dichloroethylene	10.7	2.0	µg/L	10.0		107	54-156			
1,2-Dichloropropane	11.0	2.0	µg/L	10.0		110	20-210			
cis-1,3-Dichloropropene	11.6	2.0	µg/L	10.0		116	20-227			
trans-1,3-Dichloropropene	11.1	2.0	µg/L	10.0		111	17-183			
Ethylbenzene	10.5	2.0	µg/L	10.0		105	37-162			
Methyl tert-Butyl Ether (MTBE)	10.3	2.0	µg/L	10.0		103	70-130			
Methylene Chloride	9.49	5.0	µg/L	10.0		94.9	50-221			
1,1,2,2-Tetrachloroethane	9.85	2.0	µg/L	10.0		98.5	46-157			
Tetrachloroethylene	11.7	2.0	µg/L	10.0		117	64-148			
Toluene	11.0	1.0	µg/L	10.0		110	47-150			
1,1,1-Trichloroethane	10.0	2.0	µg/L	10.0		100	52-162			
1,1,2-Trichloroethane	10.7	2.0	µg/L	10.0		107	52-150			
Trichloroethylene	10.4	2.0	µg/L	10.0		104	71-157			
Trichlorofluoromethane (Freon 11)	9.75	2.0	µg/L	10.0		97.5	17-181			
Vinyl Chloride	9.80	2.0	µg/L	10.0		98.0	20-251			
m+p Xylene	20.4	2.0	µg/L	20.0		102	70-130			
o-Xylene	9.97	2.0	µg/L	10.0		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	22.3		µg/L	25.0		89.3	70-130			
Surrogate: Toluene-d8	25.8		µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	24.9		µg/L	25.0		99.4	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).

CERTIFICATIONS
Certified Analyses included in this Report

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

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



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

CHAIN OF CUSTODY RECORD

NEW YORK STATE

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

Company Name: Arcadis

Address: 855 Route 146 STE 210

Clifton Park NY 12065

Attention: J. Wyckoff

Project Location: S. Otsego NY.

Sampled By: L. Whalen

Telephone: 518-250-7300

Project # 00266406.0006

Client PO#

DATA DELIVERY (check all that apply)

☐ FAX ☒ EMAIL ☐ WEBSITE

Fax #

Email:

☐ Project Proposal Provided? (for billing purposes)

Format: PDF ☒ EXCEL ☐ GIS ☐ OTHER

☐ "Enhanced Data Package"

Matrix Code

Grab

Composite

Beginning Date/Time

Ending Date/Time

Collection

Client Sample ID / Description

Con-Test Lab ID (laboratory use only)

1 RW-1

2 RW-2

3 EFF 46 HZ

4 Trip Blank

ANALYSIS REQUESTED

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

Turnaround

☐ 5-Day ☐ 7 Day ☒ 10-Day or RUSH

24 hr ☐ 48 hr ☐ 72 hr ☐ 4 day ☐ 10 day ☐ 15 day ☐ 20 day ☐ 25 day ☐ 30 day ☐ 35 day ☐ 40 day ☐ 45 day ☐ 50 day ☐ 55 day ☐ 60 day ☐ 65 day ☐ 70 day ☐ 75 day ☐ 80 day ☐ 85 day ☐ 90 day ☐ 95 day ☐ 100 day

Require lab approval

Relinquished by: (signature) Date/Time:

Received by: (signature) Date/Time:

Relinquished by: (signature) Date/Time:

Received by: (signature) Date/Time:

Relinquished by: (signature) Date/Time:

Received by: (signature) Date/Time:

Relinquished by: (signature) Date/Time:

Received by: (signature) Date/Time:

Relinquished by: (signature) Date/Time:

Received by: (signature) Date/Time:

Relinquished by: (signature) Date/Time:

Received by: (signature) Date/Time:

Program Information/Regulatory

☒ NY TOGS ☐ NY Restricted Use

☐ AWQ STDS ☐ NY Unrestricted Use

☐ NYC Sewer Discharge

☐ Part 360 GW (Landfill)

Deliverables

☐ ASP-A ☐ Equis (1 file)

☒ ASP-B ☐ Equis (4 file)

☐ Other:

☐ Other:

☐ Other:

☐ Other:

☐ Other:

☐ Other:

☐ Other:

☐ 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

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



con-test®
ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

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

Client Accuris

Received By AF Date 06/30/17 Time 1335

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

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 4.6
By Blank # Actual Temp -

Was Custody Seal Intact? N/A Were Samples Tapered with? F

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

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

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

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

Are Sample labels filled out and legible? T

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

Are there Rushes? N/A Who was notified?

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

Is there enough Volume? T

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

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

Were trip blanks received? T On COC? T

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

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

Unused Media

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

Comments:

APPENDIX D

Groundwater 1,1,1-TCA Concentrations – May 2015



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A decorative graphic consisting of three thin orange lines. One line is horizontal, extending from the left edge of the page towards the right. Two other lines are diagonal, starting from the bottom left and extending towards the top right, intersecting the horizontal line.