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**New York State Department of Environmental Conservation**

# Site Number 7-09-009

## Gladding Cordage Site Quarterly Report

Second Quarter 2014

August 2014

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# Gladding Cordage Site Quarterly Report

## Second Quarter 2014

Site Number 7-09-009

Prepared for:
New York State Department of Environmental Conservation

Prepared by:
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Our Ref.:
00266406.0000

Date:
August 2014

*Malcolm Pirnie, Inc. was acquired by ARCADIS in June 2009.*

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## Appendices

## 1. Introduction

The New York State Department of Environmental Conservation (NYSDEC) has issued a Work Assignment (# D007618-9) to Malcolm Pirnie, Inc. (Malcolm Pirnie) for Operation, Maintenance, and Monitoring at the Gladding Cordage Site in New York State (Site # 7-09-009). This Quarterly Report has been prepared in accordance with the NYSDEC-approved Work Plan to summarize 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 (Figure 2-2).

## 3. Operation and Maintenance

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

### 3.1 Treatment Plant

#### 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. Following the installation of the VFD, effluent samples were collected at various blower motor frequencies (speeds) including 40 HZ, 50 HZ, and 60 HZ. The analyte1,1,1-trichloroethane (1,1,1-TCA) was detected at 6 µg/l in the 40 HZ effluent sample but was not detected in the 50 HZ and 60 HZ samples. Following the completion of the January 9, 2008 sampling event the VFD was set to 50 HZ. Additional sampling was conducted in February 2008 to optimize the treatment system blower speed. Based on the results, the VFD setting was reduced to 42 HZ beginning in March 2008. The VFD setting is evaluated on a monthly basis. The current VFD setting (46 HZ) has been maintained since September 2010.

#### 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 various system inputs and outputs on a daily basis. If input and/or output

device signals exceed defined operating parameters, an alarm condition is set and the corresponding alarm information is sent via facsimile to the system user (i.e. Malcolm Pirnie).

#### 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 geothermal heat exchanger 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 Checklists (Appendix B), the Gladding Cordage groundwater treatment system had to be restarted manually during the April 10, 2014 site inspection. The system shut down was likely related to a power interruption, but no alarm faxes were sent to indicate an error. As indicated in the First Quarter 2014 Gladding Cordage O&M Report (Malcolm Pirnie, 2014), during the March 17, 2014 inspection, the cause of the problem was identified as a faulty battery in the uninterrupted power supply (UPS) for the PLC. The system also had to be restarted manually on April 23, 2014 due to a suspected power failure. However, as indicated on the April 23, 2014 O&M Checklist, a new UPS was installed. Following installation of the new UPS, the system only shut down for approximately three hours on May 16$^{th}$ and for approximately one day in June, with system restarts performed remotely.

The average monthly flow rates and total flow volumes are summarized in Table 3-1. As shown in Table 3-1, the average monthly flow rates from recovery wells RW-1 and RW-2 were each approximately 22 gpm. Based on the total flow values, approximately 4.8 million gallons of water were treated between April and June 2014.

#### 3.2.1 Treatment System Sampling

Influent and effluent groundwater samples were collected from the Gladding Cordage treatment system in accordance with the Work Plan. The samples were submitted to Contest Analytical following chain-of-custody protocols for analysis of volatile organic

compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 624. Analytical Reporting Forms are provided in Appendix B.

*3.2.1.1 Influent Sample Results*

Table 3-2 and Table 3-3 summarize the previous year of 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. Tables 3-2 and 3-3, and Figure 3-1 show that the concentrations of 1,1,1-TCA in the May 2014 samples from recovery well RW-1 and RW-2 were 31 ug/L and 27 ug/L, respectively. These results were the lowest concentrations reported during the second quarter 2014 operating period and since January 2013. Tables 3-1 and 3-2 and Figure 3-1 show that the maximum concentrations of 1,1,1-TCA during the second quarter were reported in the June 2014 samples from RW-1 (43 ug/L) and the April 2014 samples from RW-2 (44 ug/L). As shown in Tables 3-1 and 3-2, these results exceed the corresponding NYSDEC Class GA Standard of 5 µg/L; however, Figure 3-1 shows that the concentrations are consistent with previous results.

As shown in Tables 3-2 and 3-3, 1,1-dichloroethene (1,1-DCE) and 1,1-dichloroethane (1,1-DCA) were detected in the influent samples from recovery wells RW-1 and RW-2. However, these concentrations were less than the applicable NYSDEC Class GA Standard of 5 µg/L. Tables 3-2 and 3-3 show that the 1,1-DCE and 1,1-DCA concentrations are consistent with previous results.

*3.2.1.2 Effluent Sample Results*

Table 3-4 summarizes laboratory analytical data for effluent samples collected from the treatment system. As shown in Table 3-4, no VOCs were detected in any of the second quarter 2014 effluent samples. Based on influent sample concentrations and total flow volumes from the Gladding Cordage treatment system, approximately 1.5 pounds of VOCs were removed by the treatment system during the second quarter, 2014.

## 4. Groundwater Monitoring Program

Groundwater samples were collected from the site during the fourth quarter 2013 in accordance with the Work Plan. The results of the sampling even were submitted in the fourth quarter 2013 Gladding Cordage Site Quarterly Report (Malcolm Pirnie, 2014b). The next groundwater sampling even is scheduled to take place during the first quarter 2015.

## 5. Recommendations

No recommendations are suggested at this time.

## 6. Summary

The Gladding Cordage groundwater treatment system was shut down for a total of 15 days in April, with no alarm conditions reported by the PLC. The UPS was replaced during the April 23, 2014 inspection, which resolved the communication problem with the PLC. The treatment system operated at approximately 99 percent and 97 percent during the months of May and June, respectively.

The average total flow through the treatment system between April and June 2014 was 44 GPM. No VOCs were detected in the first quarter 2014 effluent samples. Based on monthly influent and effluent sampling, 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 1.5 pounds of VOCs were removed by the treatment system during the second quarter 2014.

Groundwater samples were collected in October 2013. The next monitoring event is scheduled for first quarter 2015.

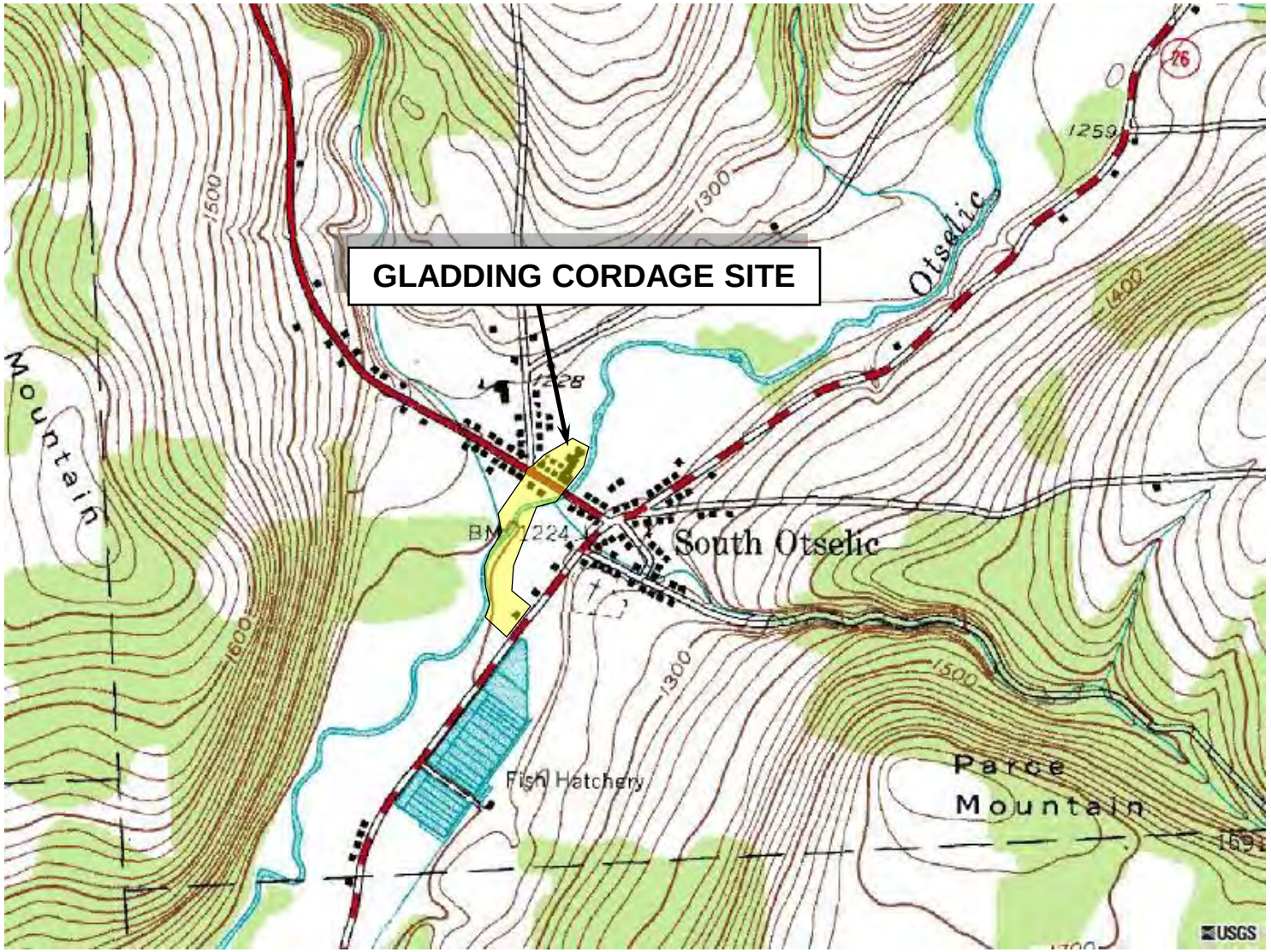
## 7. References

Malcolm Pirnie, 2007, Gladding Cordage Site Work Plan, Site 7-09-009, June, 2007.

Malcolm Pirnie, 2014a, Gladding Cordage Site Quarterly Report, Second Quarter 2014, Site 7-09-009, June, 2014.

Malcolm Pirnie, 2014b, Gladding Cordage Site Quarterly Report, Fourth Quarter 2013, Site 7-09-009, June, 2014.

TAMS Consultants, 1996, Operation and Maintenance Manual, Volume I, Gladding Cordage Site. Site 7-09-009.




SCALE IN FEET

0 500 1000 2000

SOURCE: U.S.G.S 7.5 MIN. SOUTH OTSELIC QUAD, 1988

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NYSDEC STANDBY CONTRACT NO. D007618-9
GLADDING CORDAGE – SITE NUMBER 7-09-009
SOUTH OTSELIC, NEW YORK

**SITE LOCATION**

**FIGURE 2-1**

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0 150 300 600 900 1,200 Feet

N

## Legend

- Monitoring Well
- Recovery Well
- Approximate Site Boundary

NYSDEC STANDBY CONTRACT NO. D004443-5
GLADDING CORDAGE SITE 7-09-009
SOUTH OTSELIC, NEW YORK

**SITE PLAN**

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FIGURE
**2-2**

G:\GIS\MOD\0266365\SMP2013\Wells.mxd
G:\PROJECT\00266406.0000\Reports\Figure 2-2.pdf

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

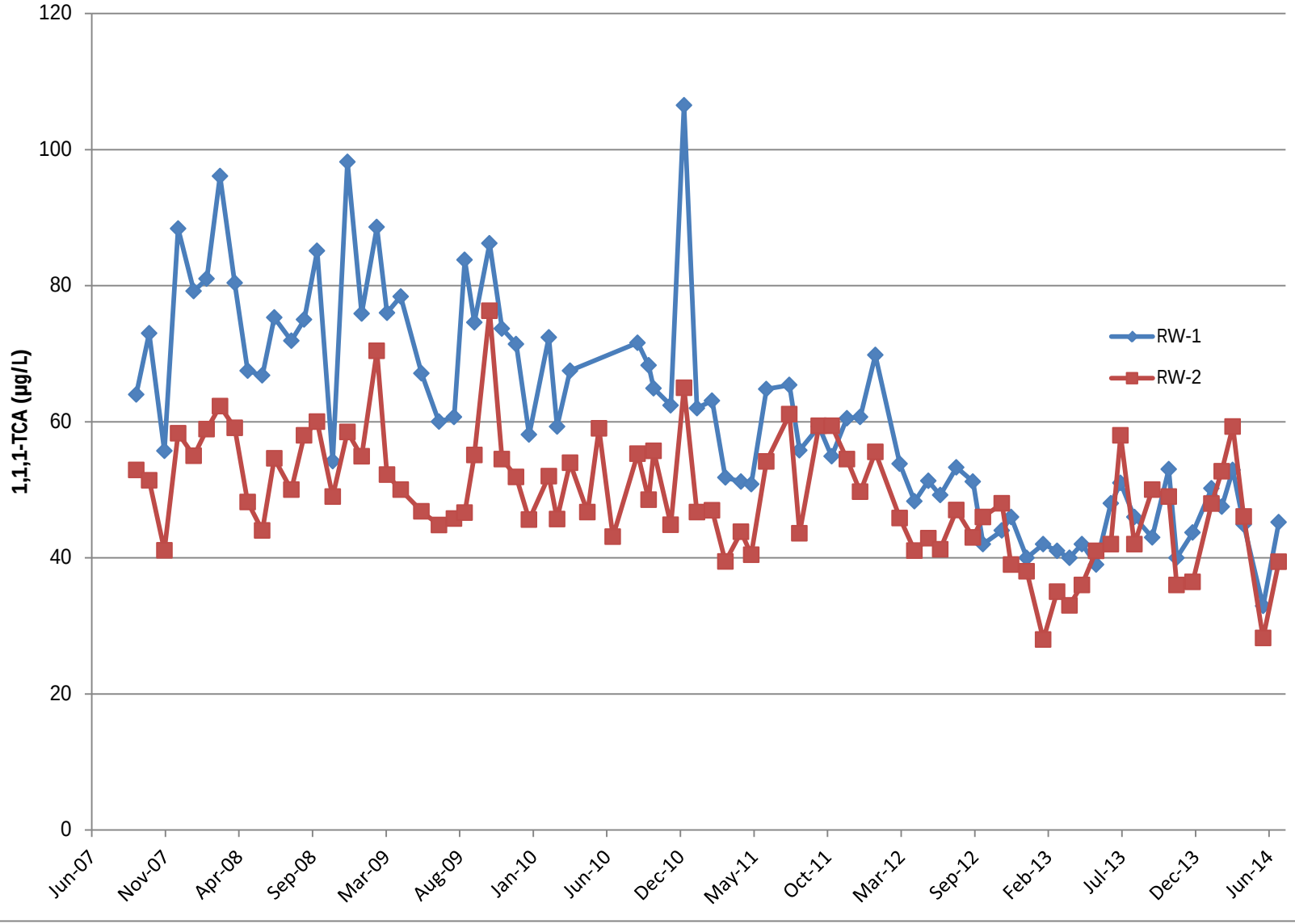

**TABLE 3-1**
**TREATMENT SYSTEM STATUS AND FLOW SUMMARY**
**GLADDING CORDAGE SITE**
**SOUTH OTSELIC, NEW YORK**
**NYSDEC SITE NO. 7-04-009A**

| Date | System Operation (days) | System On-time (% of possible days) | Well On-time RW-1 (% possible ) | Well On-time RW-2 (% possible ) | Flow Rates RW-1 (gpm) | Flow Rates RW-2 (gpm) | Totalizer RW-1 (gallons) | Totalizer RW-2 (gallons) | Recovery Well Total Flows RW-1 (gallons) | Recovery Well Total Flows RW-2 (gallons) | Total System Flow (gallons) | Quarterly Totals (gallons) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| August-07 | 8 (1) | 100% | 100% | 100% | 38 | 24 | - | | 437,760 (3) | 276,480 (3) | 714,240 | |
| September-07 | 30 | 100% | 100% | 100% | 38 | 25 | - | | 1,641,600 (3) | 1,080,000 (3) | 2,721,600 | 3,435,840 |
| October-07 | 20 | 65% | 100% | 100% | 38.2 | 25.7 | 2,276,270 | | 1,100,160 (3) | 740,160 (3) | 1,840,320 | |
| November-07 | 30 | 100% | 67% | 100% | 39.9 | 24.9 (2) | 3,235,110 | | 958,840 (4) | 1,075,680 (3) | 2,034,520 | 6,172,646 |
| December-07 | 31 | 100% | 39% | 100% | 31.8 | 24.9 (2) | 4,421,380 | | 1,186,270 (4) | 1,111,536 (3) | 2,297,806 | |
| January-08 | 31 | 100% | 100% | 100% | 31.8 | 24.9 (2) | 5,278,000 | | 856,620 (4) | 1,111,536 (3) | 1,968,156 | |
| February-08 | 26 | 90% | 69% | 88% | 32 | 24.9 (2) | 6,457,610 | | 1,179,610 (4) | 820,385 (3) | 1,999,995 | 5,503,499 |
| March-08 | 23 | 74% | 100% | 100% | 32.9 | 24.9 (2) | 7,168,270 | | 710,660 (4) | 824,688 (3) | 1,535,348 | |
| April-08 | 30 | 100% | 100% | 100% | 30.8 | 24.9 (2) | 8,219,790 | | 1,051,520 (4) | 1,075,680 (3) | 2,127,200 | |
| May-08 | 31 | 100% | 100% | 100% | 31.3 | 24.9 (2) | 9,458,370 | | 1,238,580 (4) | 1,111,536 (3) | 2,350,116 | 6,846,908 |
| June-08 | 27 | 90% | 100% | 100% | 30.5 | 24.9 (2) | 10,859,850 | | 1,401,480 (4) | 968,112 (3) | 2,369,592 | |
| July-08 | 28 | 90% | 68% | 100% | 30.1 | 24.9 (2) | 11,889,440 | | 1,029,590 (4) | 1,003,968 (3) | 2,033,558 | |
| August-08 | 28 | 90% | 100% | 100% | 30 | 24.9 (2) | 12,832,500 | | 943,060 (4) | 1,003,968 (3) | 1,947,028 | 6,201,456 |
| September-08 | 30 | 100% | 100% | 100% | 29.8 | 24.9 (2) | 13,977,690 | | 1,145,190 (4) | 1,075,680 (3) | 2,220,870 | |
| October-08 | 31 | 100% | 100% | 100% | 30 | 24.9 (2) | 15,190,100 | | 1,212,410 (4) | 1,111,536 (3) | 2,323,946 | |
| November-08 | 30 | 100% | 100% | 100% | 31.7 | 24.9 (2) | 16,722,470 | | 1,532,370 (4) | 1,075,680 (3) | 2,608,050 | 7,494,552 |
| December-08 | 31 | 100% | 100% | 100% | 31.3 | 24.9 (2) | 18,173,490 | | 1,451,020 (4) | 1,111,536 (3) | 2,562,556 | |
| **Total Flow 2007** | | | | | | | | | **5,324,630** | **4,283,856** | **9,608,486** | |
| **Total Flow 2008** | | | | | | | | | **13,752,110** | **12,294,305** | **26,046,415** | |

Notes:
1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on average flow from August, September, and October 2008.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
gpm - Gallons per minute

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

| Date | System Operation (days) | System On-time (% of possible days) | Well On-time RW-1 (% possible ) | Well On-time RW-2 (% possible ) | Flow Rates RW-1 (gpm) | Flow Rates RW-2 (gpm) | Totalizer RW-1 (gallons) | Totalizer RW-2 (gallons) | Recovery Well Total Flows RW-1 (gallons) | Recovery Well Total Flows RW-2 (gallons) | Total System Flow (gallons) | Quarterly Totals (gallons) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January-09 | 31 | 100% | 100% | 100% | 31.3 | 24.9 (2) | 19,566,200 | | 1,392,710 (4) | 1,111,536 (3) | 2,504,246 | |
| February-09 | 28 | 100% | 100% | 100% | 30.8 | 24.9 (2) | 20,929,320 | | 1,363,120 (4) | 1,003,968 (3) | 2,367,088 | 6,931,910 |
| March-09 | 31 | 100% | 100% | 100% | 30.8 | 24.9 (2) | 21,878,360 | | 949,040 (4) | 1,111,536 (3) | 2,060,576 | |
| April-09 | 30 | 100% | 100% | 100% | 31.2 | 24.9 (2) | 23,159,480 | | 1,281,120 (4) | 1,075,680 (3) | 2,356,800 | |
| May-09 | 31 | 100% | 100% | 100% | 31.5 | 24.9 (2) | 25,128,390 | | 1,968,910 (4) | 1,111,536 (3) | 3,080,446 | 8,217,156 |
| June-09 | 30 | 100% | 100% | 100% | 31.1 | 24.9 (2) | 26,832,620 | | 1,704,230 (4) | 1,075,680 (3) | 2,779,910 | |
| July-09 | 28 | 90% | 100% | 100% | 30.4 | 24.9 (2) | 27,568,640 | | 736,020 (4) | 1,003,968 (3) | 1,739,988 | |
| August-09 | 29 | 94% | 100% | 100% | 30.6 | 24.9 (2) | 28,551,120 | | 982,480 (4) | 1,039,824 (3) | 2,022,304 | 5,833,432 |
| September-09 | 30 | 100% | 100% | 100% | 30.3 | 24.9 (2) | 29,546,580 | | 995,460 (4) | 1,075,680 (3) | 2,071,140 | |
| October-09 | 20 | 65% | 100% | 100% | 34.1 | 24.9 (2) | 30,909,620 | | 1,363,040 (4) | 717,120 (3) | 2,080,160 | |
| November-09 | 29 | 97% | 100% | 100% | 31.7 | 24.9 (2) | 31,775,760 | | 866,140 (4) | 1,039,824 (3) | 1,905,964 | 6,228,096 |
| December-09 | 27 | 87% | 100% | 100% | 33.7 | 24.9 (2) | 33,049,620 | | 1,273,860 (4) | 968,112 (3) | 2,241,972 | |
| January-10 | 31 | 100% | 100% | 100% | 29.2 | 24.9 (2) | 34,376,810 | | 1,327,190 (4) | 1,111,536 (3) | 2,438,726 | |
| February-10 | 28 | 100% | 100% | 100% | 34.8 | 24.9 (2) | 36,406,400 | | 2,029,590 (4) | 1,003,968 (3) | 3,033,558 | 7,478,090 |
| March-10 | 31 | 100% | 100% | 100% | 33 | 24.9 (2) | 37,300,670 | | 894,270 (4) | 1,111,536 (3) | 2,005,806 | |
| April-10 | 26 | 87% | 100% | 100% | 35.2 | 24.9 (2) | 38,443,930 | | 1,143,260 (4) | 932,256 (3) | 2,075,516 | |
| May-10 | 28 | 90% | 36% | 100% | 35.2 | 24.9 (2) | 38,734,170 | | 290,240 (4) | 1,003,968 (3) | 1,294,208 | 3,981,724 |
| June-10 | 17 | 57% | 0% | 100% | 0 | 25 (2) | 38,734,170 | | 0 (4) | 612,000 (3) | 612,000 | |
| July-10 | 18 | 58% | 0% | 100% | 0 | 24.9 (2) | NA | | 0 (3) | 645,408 (3) | 645,408 | |
| August-10 | 23 | 74% | 0% | 100% | 0 | 24.9 (2) | NA | | 0 (3) | 824,688 (3) | 824,688 | 4,034,736 |
| September-10 | 30 | 100% | 100% | 100% | 34.5 (2) | 24.9 (2) | NA | | 1,488,960 (3) | 1,075,680 (3) | 2,564,640 | |
| October-10 | 31 | 100% | 100% | 90% | 33.4 (2) | 24.9 (2) | NA | | 1,489,302 (3) | 1,000,382 (3) | 2,489,684 | |
| November-10 | 30 | 100% | 100% | 100% | 33.4 (2) | 24.9 (2) | NA | | 1,441,260 (3) | 1,075,680 (3) | 2,516,940 | 7,271,870 |
| December-10 | 27 | 87% | 100% | 100% | 33.4 (2) | 24.9 (2) | NA | | 1,297,134 (3) | 968,112 (3) | 2,265,246 | |
| **Total Flow 2009** | | | | | | | | | **14,876,130** | **12,334,464** | **27,210,594** | |
| **Total Flow 2010** | | | | | | | | | **11,401,206** | **11,365,214** | **22,766,420** | |

Notes:
1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on previous average flows or from manual tests.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
gpm - Gallons per minute

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

| Date | System Operation (days) | System On-time (% of possible days) | Well On-time RW-1 (% possible ) | Well On-time RW-2 (% possible ) | Flow Rates RW-1 (gpm) | Flow Rates RW-2 (gpm) | Totalizer RW-1 (gallons) | Totalizer RW-2 (gallons) | Recovery Well Total Flows RW-1 (gallons) | Recovery Well Total Flows RW-2 (gallons) | Total System Flow (gallons) | Quarterly Totals (gallons) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January-11 | 31 | 100% | 100% | 100% | 33.4 (2) | 24.9 (2) | | | 1,489,302 (3) | 1,111,536 (3) | 2,600,838 | |
| February-11 | 20 | 71% | 100% | 100% | 33.4 (2) | 24.9 (2) | | | 960,840 (3) | 717,120 (3) | 1,677,960 | 6,292,350 |
| March-11 | 24 | 77% | 100% | 100% | 33.4 (2) | 24.9 (2) | | | 1,153,008 (3) | 860,544 (3) | 2,013,552 | |
| April-11 | 27 | 90% | 100% | 100% | 33.36 (2) | 24.9 (2) | | | 1,297,134 (3) | 968,112 (3) | 2,265,246 | |
| May-11 | 28 | 90% | 100% | 100% | 33.36 (2) | 24.9 (2) | | | 1,345,176 (3) | 1,003,968 (3) | 2,349,144 | 6,544,044 |
| June-11 | 23 | 77% | 100% | 100% | 33.36 (2) | 24.9 (2) | | | 1,104,966 (3) | 824,688 (3) | 1,929,654 | |
| July-11 | 6 | 19% | 100% | 100% | 33.4 (2) | 24.9 (2) | | | 288,576 (3) | 215,136 (3) | 503,712 | |
| August-11 | 31 | 100% | 100% | 100% | 33.4 (2) | 24.9 (2) | | | 1,490,976 (3) | 1,111,536 (3) | 2,602,512 | 5,592,514 |
| September-11 | 30 | 100% | 100% | 97% | 33.4 (2) | 24.9 (2) | | | 1,442,880 (3) | 1,043,410 (3) | 2,486,290 | |
| October-11 | 28 | 90% | 100% | 54% | 33.4 (2) | 24.9 (2) | | | 1,346,688 (3) | 542,143 (3) | 1,888,831 | |
| November-11 | 30 | 100% | 100% | 100% | 33.4 (2) | 24.9 (2) | | | 1,442,880 (3) | 1,075,680 (3) | 2,518,560 | 7,009,903 |
| December-11 | 31 | 100% | 100% | 100% | 33.4 (2) | 24.9 (2) | | | 1,490,976 (3) | 1,111,536 (3) | 2,602,512 | |
| January-12 | 30 | 97% | 100% | 100% | 22.7 (6) | 18.0 (6) | | | 980,640 (3) | 777,600 (3) | 1,758,240 | |
| February-12 | 0 (5) | 0% | 0% | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,311,830 |
| March-12 | 10 | 32% | 100% | 100% | 22.7 | 18.0 | 308,309 | 245,281 | 308,309 (4) | 245,281 (4) | 553,590 | |
| April-12 | 30 | 100% | 100% | 100% | 22.2 | 18.2 | 1,274,180 | 1,027,406 | 965,871 (4) | 782,125 (4) | 1,747,996 | |
| May-12 | 26 | 84% | 100% | 100% | 22.8 | 20.3 | 2,156,600 | 1,773,905 | 882,420 (4) | 746,499 (4) | 1,628,919 | 5,130,889 |
| June-12 | 26 | 87% | 100% | 100% | 23.6 | 19.9 | 3,100,285 | 2,584,194 | 943,685 (4) | 810,289 (4) | 1,753,974 | |
| July-12 | 20 | 65% | 100% | 100% | 23.8 | 19.7 | 3,770,411 | 3,157,520 | 670,126 (4) | 573,326 (4) | 1,243,452 | |
| August-12 | 31 | 100% | 100% | 100% | 23.7 | 19.4 | 5,092,016 | 4,262,219 | 1,321,605 (4) | 1,104,699 (4) | 2,426,304 | 5,540,244 |
| September-12 | 30 | 100% | 100% | 100% | 23.5 | 20.1 | 6,104,443 | 5,120,280 | 1,012,427 (4) | 858,061 (4) | 1,870,488 | |
| October-12 | 16 | 52% | 100% | 100% | 23.4 | 20.3 | 6,676,877 | 5,607,870 | 572,434 (4) | 487,590 (4) | 1,060,024 | |
| November-12 | 30 | 100% | 100% | 100% | 23.6 | 19.6 | 7,769,986 | 6,536,938 | 1,093,109 (4) | 929,068 (4) | 2,022,177 | 3,956,859 |
| December-12 | 17 | 55% | 100% | 100% | 24.3 | 19.7 | 8,250,333 | 6,931,249 | 480,347 (3) | 394,311 (3) | 874,658 | |
| **Total Flow 2011** | | | | | | | | | **14,853,402** | **10,585,408** | **25,438,810** | |
| **Total Flow 2012** | | | | | | | | | **9,230,973** | **7,708,849** | **16,939,822** | |

Notes:
1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on previous average flows or from manual tests.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
5 - System shut down for repairs.
6 - Flow based on March 2012 PLC data.
gpm - Gallons per minute

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

| Date | System Operation (days) | System On-time (% of possible days) | Well On-time RW-1 (% possible ) | Well On-time RW-2 (% possible ) | Flow Rates RW-1 (gpm) | Flow Rates RW-2 (gpm) | Totalizer RW-1 (gallons) | Totalizer RW-2 (gallons) | Recovery Well Total Flows RW-1 (gallons) | Recovery Well Total Flows RW-2 (gallons) | Total System Flow (gallons) | Quarterly Totals (gallons) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January-13 | 26 | 84% | 100% | 100% | 23.1 | 19.5 | 9,140,834 | 7,699,661 | 890,501 | 768,412 | 1,658,913 | |
| February-13 | 28 | 100% | 100% | 100% | 22.7 | 19.4 | 10,078,542 | 8,496,541 | 937,708 | 796,880 | 1,734,588 | 5,239,914 |
| March-13 | 31 | 100% | 100% | 100% | 23.2 | 19.6 | 11,077,204 | 9,344,292 | 998,662 | 847,751 | 1,846,413 | |
| April-13 | 27 | 90% | 100% | 100% | 23.4 | 19.7 | 11,750,528 | 9,913,754 | 673,324 | 569,462 | 1,242,786 | |
| May-13 | 30 | 97% | 100% | 100% | 24.2 | 19.4 | 12,984,742 | 10,944,208 | 1,234,214 | 1,030,454 | 2,264,668 | 5,371,547 |
| June-13 | 31 | 100% | 100% | 100% | 23.2 | 19.6 | 14,002,162 | 11,790,881 | 1,017,420 | 846,673 | 1,864,093 | |
| July-13 | 26 | 84% | 100% | 100% | 23.8 | 19.3 | 14,893,234 | 12,513,473 | 891,072 | 722,592 | 1,613,664 | |
| August-13 | 19 | 61% | 100% | 100% | 22.9 | 19.4 | 15,519,778 | 13,044,257 | 626,544 | 530,784 | 1,157,328 | 4,241,225 |
| September-13 | 20 | 67% | 100% | 100% | 21.7 | 19.7 | 16,291,084 | 13,743,184 | 771,306 | 698,927 | 1,470,233 | |
| October-13 | 13 | 42% | 100% | 100% | 21.3 | 20.0 | 16,558,269 | 14,001,381 | 267,185 | 258,197 | 525,382 | |
| November-13 | 30 | 100% | 100% | 100% | 21.6 | 22.6 | 17,493,334 | 14,962,574 | 935,065 | 961,193 | 1,896,258 | 3,722,666 |
| December-13 | 20 | 65% | 100% | 100% | 21.3 | 22.3 | 18,132,181 | 15,624,753 | 638,847 | 662,179 | 1,301,026 | |
| January-14 | 12 | 39% | 100% | 100% | 22.2 | 22.9 | 18,507,983 | 16,012,662 | 375,802 | 387,909 | 763,711 | |
| February-14 | 14 | 50% | 100% | 100% | 21.8 | 22.7 | 18,881,664 | 16,397,973 | 373,681 | 385,311 | 758,992 | 2,680,630 |
| March-14 | 17 | 55% | 100% | 100% | 22.2 | 23.2 | 19,447,410 | 16,990,154 | 565,746 | 592,181 | 1,157,927 | |
| April-14 | 15 | 50% | 100% | 100% | 21.7 | 23.2 | 19,914,906 | 17,482,200 | 467,496 | 492,046 | 959,542 | |
| May-14 | 31 | 99% | 100% | 100% | 21.8 | 22.5 | 20,883,319 | 18,490,607 | 968,413 | 1,008,407 | 1,976,820 | 4,810,632 |
| June-14 | 29 | 97% | 100% | 100% | 21.4 | 21.6 | 21,800,646 | 19,447,550 | 917,327 | 956,943 | 1,874,270 | |
| **Total Flow 2013** | | | | | | | | | **9,881,848** | **8,693,504** | **18,575,352** | |
| **Total Flow 2014** | | | | | | | | | **3,668,465** | **3,822,797** | **7,491,262** | |

Notes:
1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on previous average flows or from manual tests.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
5 - System shut down for repairs.
6 - Flow based on March 2012 PLC data.
gpm - Gallons per minute

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

| Sample ID<br>Sampling Date<br>Matrix<br>Units | NYSDEC Class GA Standard ug/L | RW-1 6/25/2013 WATER ug/L | RW-1 7/16/2013 WATER ug/L | RW-1 8/15/2013 WATER ug/L | RW-1 9/23/2013 WATER ug/L | RW-1 10/29/2013 WATER ug/L | RW-1 11/15/2013 WATER ug/L | RW-1 12/20/2013 WATER ug/L | RW-1 1/30/2014 WATER ug/L | RW-1 2/21/2014 WATER ug/L | RW-1 3/17/2014 WATER ug/L | RW-1 4/10/2014 WATER ug/L | RW-1 5/22/2014 WATER ug/L | RW-1 6/25/2014 WATER ug/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | | | | | | | | | | | | | | |
| **1,1,1-Trichloroethane** | 5 | **48** | **51** | **46** | **43** | **53** | **40** | **42** | **47** | **45** | **50** | **42** | **31** | **43** |
| **1,1,2,2-Tetrachloroethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,1,2-Trichloroethane** | 1 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,1-Dichloroethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 | 1.4 | 2.0 | 1.9 | 1.2 | 1.6 |
| **1,1-Dichloroethene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 1.7 | 1.2 | 1.1 | 0.92 | 1.00 | 0.71 | 0.63 |
| **1,2-Dichlorobenzene** | 3 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,2-Dichloroethane** | 0.6 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,2-Dichloropropane** | 1 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,3-Dichlorobenzene** | 3 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,4-Dichlorobenzene** | 3 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **2-Chloroethyl Vinyl Ether** | | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 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 | 1.0 U |
| **Bromodichloromethane** | 50 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Bromoform** | 50 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Bromomethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 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 | 2.0 U |
| **Chlorobenzene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Chloroethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Chloroform** | 7 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Chloromethane** | | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **cis-1,3-Dichloropropene** | 0.4 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Dibromochloromethane** | 50 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Ethyl Benzene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **m/p-Xylenes** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Methyl tert-butyl Ether** | | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Methylene Chloride** | 5 | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| **o-Xylene** | | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Tetrachloroethene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Toluene** | 5 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| **trans-1,2-Dichloroethene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **trans-1,3-Dichloropropene** | 0.4 | 2.0 U | 2.0 U | 5.0 U | 5.0 U | 2.0 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 |
| **Trichloroethene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Trichlorofluoromethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Vinyl Chloride** | 2 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Total VOCs** | | 48.0 | 51.0 | 46.0 | 43.0 | 53.0 | 40.0 | 43.7 | 50.2 | 47.5 | 52.9 | 44.9 | 32.9 | 45.2 |

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

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

| Sample ID<br>Sampling Date<br>Matrix<br>Units | NYSDEC Class GA Standard ug/L | RW-2 6/25/2013 WATER ug/L | RW-2 7/16/2013 WATER ug/L | RW-2 8/15/2013 WATER ug/L | RW-2 9/23/2013 WATER ug/L | RW-2 10/29/2013 WATER ug/L | RW-2 11/15/2013 WATER ug/L | RW-2 12/20/2013 WATER ug/L | RW-2 1/30/2014 WATER ug/L | RW-2 2/21/2014 WATER ug/L | RW-2 3/17/2014 WATER ug/L | RW-2 4/10/2014 WATER ug/L | RW-2 5/22/2014 WATER ug/L | RW-2 6/25/2014 WATER ug/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | | | | | | | | | | | | | | |
| **1,1,1-Trichloroethane** | 5 | **42** | **58** | **42** | **50** | **49** | **36** | **35** | **46** | **51** | **57** | **44** | **27** | **38** |
| **1,1,2,2-Tetrachloroethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,1,2-Trichloroethane** | 1 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,1-Dichloroethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 0.77 | 1.0 | 0.9 | 1.3 | 1.2 | 0.57 | 0.81 |
| **1,1-Dichloroethene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 0.69 | 0.97 | 0.8 | 1.0 | 0.88 | 0.63 | 0.62 |
| **1,2-Dichlorobenzene** | 3 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,2-Dichloroethane** | 0.6 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,2-Dichloropropane** | 1 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,3-Dichlorobenzene** | 3 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,4-Dichlorobenzene** | 3 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **2-Chloroethyl Vinyl Ether** | | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 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 | 1.0 U |
| **Bromodichloromethane** | 50 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Bromoform** | 50 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Bromomethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 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 | 2.0 U |
| **Chlorobenzene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Chloroethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Chloroform** | 7 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Chloromethane** | | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **cis-1,3-Dichloropropene** | 0.4 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Dibromochloromethane** | 50 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Ethyl Benzene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **m/p-Xylenes** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Methyl tert-butyl Ether** | | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Methylene Chloride** | 5 | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| **o-Xylene** | | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Tetrachloroethene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Toluene** | 5 | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U | 1.0 U |
| **trans-1,2-Dichloroethene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **trans-1,3-Dichloropropene** | 0.4 | 2.0 U | 2.0 U | 5.0 U | 5.0 U | 2.0 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 |
| **Trichloroethene** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Trichlorofluoromethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Vinyl Chloride** | 2 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Total VOCs** | | 42.0 | 58.0 | 42.0 | 50.0 | 49.0 | 36.0 | 36.5 | 48.0 | 52.7 | 59.3 | 46.1 | 28.2 | 39.4 |

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

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

| Sample ID<br>Sampling Date<br>Matrix<br>Units | NYSDEC GA Standard ug/L | EFF(46HZ) 6/25/2013 WATER ug/L | EFF(46HZ) 7/16/2013 WATER ug/L | EFF(46HZ) 8/15/2013 WATER ug/L | EFF(46HZ) 9/23/2013 WATER ug/L | EFF(46HZ) 10/29/2013 WATER ug/L | EFF(46HZ) 11/15/2013 WATER ug/L | EFF(46HZ) 12/20/2013 WATER ug/L |
|---|---|---|---|---|---|---|---|---|
| **VOCs** | | | | | | | | |
| **1,1,1-Trichloroethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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-Chloroethyl Vinyl Ether** | | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 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 |
| **Bromodichloromethane** | 50 | 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 |
| **Bromomethane** | 5 | 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 |
| **Chlorobenzene** | 5 | 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 |
| **Chloroform** | 7 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **Chloromethane** | | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **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 |
| **Dibromochloromethane** | 50 | 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 |
| **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 |
| **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 |
| **Methylene Chloride** | 5 | 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 |
| **Tetrachloroethene** | 5 | 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 |
| **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 |
| **trans-1,3-Dichloropropene** | 0.4 | 2.0 U | 2.0 U | 5.0 U | 5.0 U | 2.0 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 |
| **Trichlorofluoromethane** | 5 | 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 |

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

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

| Sample ID<br>Sampling Date<br>Matrix<br>Units | NYSDEC GA Standard ug/L | EFF(46HZ) 1/30/2014 WATER ug/L | EFF(46HZ) 2/21/2014 WATER ug/L | EFF(46HZ) 3/17/2014 WATER ug/L | EFF(46HZ) 4/10/2014 WATER ug/L | EFF(46HZ) 5/22/2014 WATER ug/L | EFF(46HZ) 6/25/2014 WATER ug/L |
|---|---|---|---|---|---|---|---|
| **VOCs** | | | | | | | |
| **1,1,1-Trichloroethane** | 5 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **1,1,2,2-Tetrachloroethane** | 5 | 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 |
| **1,1-Dichloroethane** | 5 | 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 |
| **1,2-Dichlorobenzene** | 3 | 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 |
| **1,2-Dichloropropane** | 1 | 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 |
| **1,4-Dichlorobenzene** | 3 | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U | 2.0 U |
| **2-Chloroethyl Vinyl Ether** | | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U |
| **Benzene** | 1 | 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 |
| **Bromoform** | 50 | 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 |
| **Carbon Tetrachloride** | 5 | 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 |
| **Chloroethane** | 5 | 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 |
| **Chloromethane** | | 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 |
| **Dibromochloromethane** | 50 | 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 |
| **m/p-Xylenes** | 5 | 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 |
| **Methylene Chloride** | 5 | 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 |
| **Tetrachloroethene** | 5 | 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 |
| **trans-1,2-Dichloroethene** | 5 | 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 | 5.0 U | 5.0 U | 2.0 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 |
| **Trichlorofluoromethane** | 5 | 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 |

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

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## Appendix A

ProControl Daily Facsimile Reports

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/01/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

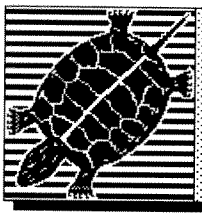
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.8 | GPM | TOTAL FLOW is | 19479118 | GAL | | | | |
| W2_FLO is 22.8 | GPM | TOTAL FLOW is | 17023591 | 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 | 261414 | 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 4.49 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.57 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 36.43 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 57.27 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 4.4 | 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 52.8 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/02/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.0 | GPM | TOTAL FLOW is | 19510769 | GAL | | | | |
| W2_FLO is 23.1 | GPM | TOTAL FLOW is | 17057015 | 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 | 261922 | GAL | | | | |
| HP_PRS is 1.7 | 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 4.59 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 36.26 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 57.27 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.4 | 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 55.5 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd. — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/03/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

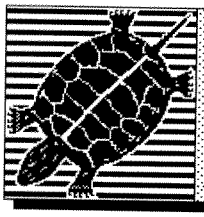
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.3 | GPM | TOTAL FLOW is | 19542402 | GAL | | | | |
| W2_FLO is 23.2 | GPM | TOTAL FLOW is | 17090458 | GAL | | | | |
| ASBPRS is 10.9 | IWC | LIMITS are | L: 5.0 | IWC | H: | 30.0 | IWC | |
| HP_FLO is 2.44 | GPM | TOTAL FLOW is | 262421 | GAL | | | | |
| HP_PRS is 9.1 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 4.79 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.45 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.51 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 36.56 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 57.39 | 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 4.9 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 54.8 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/04/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

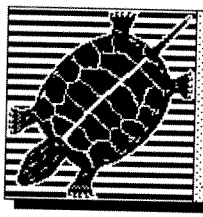
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.1 | GPM | TOTAL FLOW is | 19574007 | GAL | | | | |
| W2_FLO is 23.4 | GPM | TOTAL FLOW is | 17123891 | 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 | 262905 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.64 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 36.00 | 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 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.8 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 56.5 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/05/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

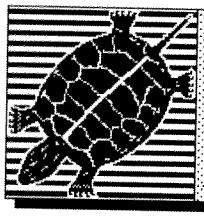
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 22.4 | GPM | TOTAL FLOW is | 19605604 | GAL | | | |
| W2_FLO is 23.7 | GPM | TOTAL FLOW is | 17157319 | 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 | 263393 | GAL | | | |
| HP_PRS is 1.7 | 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 4.65 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | | AMP |
| W1_LVL is 35.91 | 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 4.3 | 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 56.0 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/06/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.1 | GPM | TOTAL FLOW is | 19637245 | GAL | | | | |
| W2_FLO is 23.1 | GPM | TOTAL FLOW is | 17190759 | 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 | 264074 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.64 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 36.11 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 56.97 | 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 4.8 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 55.4 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/07/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

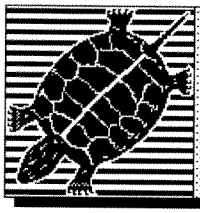
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.9 | GPM | TOTAL FLOW is | 19668812 | GAL | | | |
| W2_FLO is 23.2 | GPM | TOTAL FLOW is | 17224162 | 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 | 264575 | GAL | | | |
| HP_PRS is 1.7 | 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 4.57 | 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 35.91 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | | FT |
| W2_LVL is 56.82 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | | FT |
| W1_PRS is 4.4 | 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 53.8 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/24/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.1 | GPM | TOTAL FLOW is | 19725524 | GAL | | | | |
| W2_FLO is 22.9 | GPM | TOTAL FLOW is | 17283682 | 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 | 265447 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.68 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 34.86 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 56.02 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.8 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 55.9 | 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 04/25/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

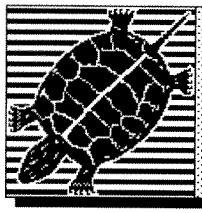
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.9 | GPM | TOTAL FLOW is | 19757246 | GAL | | | | |
| W2_FLO is 22.8 | GPM | TOTAL FLOW is | 17316819 | 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 | 265925 | GAL | | | | |
| HP_PRS is 1.8 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.04 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.47 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.53 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 34.84 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 55.91 | 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 4.8 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 54.2 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd. — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/26/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

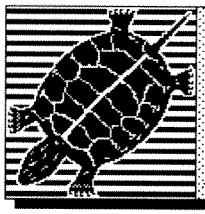
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.9 | GPM | TOTAL FLOW is | 19788862 | GAL | | | | |
| W2_FLO is 23.0 | GPM | TOTAL FLOW is | 17349905 | GAL | | | | |
| ASBPRS is 10.5 | IWC | LIMITS are | L: 5.0 | IWC | H: | 30.0 | IWC | |
| HP_FLO is 2.44 | GPM | TOTAL FLOW is | 266211 | GAL | | | | |
| HP_PRS is 9.1 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 4.98 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.58 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.63 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.52 | 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 4.8 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 60.6 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd. Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/27/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

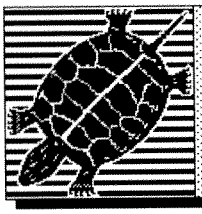
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.9 | GPM | TOTAL FLOW is | 19820436 | GAL | | | | |
| W2_FLO is 23.4 | GPM | TOTAL FLOW is | 17383001 | 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 | 266562 | GAL | | | | |
| HP_PRS is 1.7 | 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 4.65 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.75 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.85 | 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 4.8 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 56.1 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/28/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

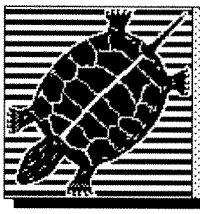
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.0 | GPM | TOTAL FLOW is | 19851988 | GAL | | | | |
| W2_FLO is 22.9 | GPM | TOTAL FLOW is | 17416089 | 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 | 266987 | GAL | | | | |
| HP_PRS is 1.8 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.04 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.51 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.56 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.87 | 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 4.4 | 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 55.5 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/29/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

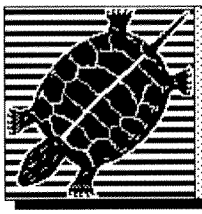
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.1 | GPM | TOTAL FLOW is | 19883444 | GAL | | | | |
| W2_FLO is 23.1 | GPM | TOTAL FLOW is | 17449135 | 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 | 267265 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.57 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.63 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.82 | 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 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.8 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 58.7 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 04/30/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

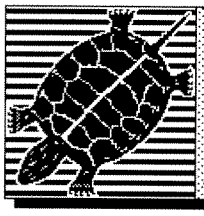
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.0 | GPM | TOTAL FLOW is | 19914906 | GAL | | | | |
| W2_FLO is 23.1 | GPM | TOTAL FLOW is | 17482200 | 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 | 267646 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.64 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 35.19 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 56.02 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.7 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 57.9 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd. — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/01/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

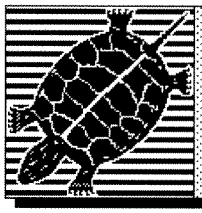
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.7 | GPM | TOTAL FLOW is | 19946404 | GAL | | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 17515275 | 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 | 267958 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.62 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 34.85 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 56.02 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.6 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 59.7 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/02/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

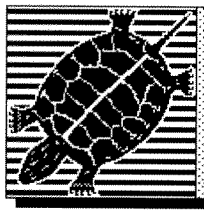
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.0 | GPM | TOTAL FLOW is | 19977883 | GAL | | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 17548338 | 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 | 268212 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.63 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.86 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 56.17 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.6 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 58.6 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/03/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.0 | GPM | TOTAL FLOW is | 20009364 | GAL | | | | |
| W2_FLO is 22.8 | GPM | TOTAL FLOW is | 17581409 | 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 | 268503 | GAL | | | | |
| HP_PRS is 1.7 | 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 4.66 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | | AMP |
| W1_LVL is 34.85 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | | FT |
| W2_LVL is 56.04 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | | FT |
| W1_PRS is 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| W2_PRS is 4.6 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| INTEMP is 58.7 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/04/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.1 | GPM | TOTAL FLOW is | 20040837 | GAL | | | | |
| W2_FLO is 23.0 | GPM | TOTAL FLOW is | 17614449 | 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 | 268784 | GAL | | | | |
| HP_PRS is 1.7 | 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 4.64 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.66 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 56.04 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.6 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 57.1 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/05/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 20072298 | GAL | | | | |
| W2_FLO is 22.8 | GPM | TOTAL FLOW is | 17647467 | 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 | 269137 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.60 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.84 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.96 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.6 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 57.6 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/06/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

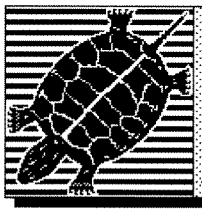
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.1 | GPM | TOTAL FLOW is | 20103708 | GAL | | | | |
| W2_FLO is 23.0 | GPM | TOTAL FLOW is | 17680471 | 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 | 269453 | GAL | | | | |
| HP_PRS is 1.7 | 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 4.58 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP |
| W1_LVL is 34.75 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT |
| W2_LVL is 55.89 | 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 4.7 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI |
| INTEMP is 57.4 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/07/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

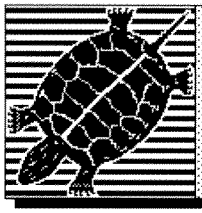
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.5 | GPM | TOTAL FLOW is | 20135079 | GAL | | | | |
| W2_FLO is 22.6 | GPM | TOTAL FLOW is | 17713395 | 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 | 269777 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.04 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.52 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.55 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 34.95 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 55.83 | 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 4.7 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 55.9 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/08/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

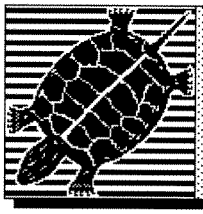
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.7 | GPM | TOTAL FLOW is | 20166434 | GAL | | | | |
| W2_FLO is 22.7 | GPM | TOTAL FLOW is | 17746249 | 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 | 270031 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.04 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.51 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.57 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.76 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.74 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.6 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 60.7 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/09/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

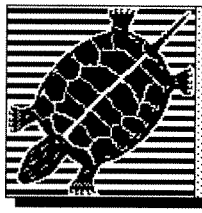
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.8 | GPM | TOTAL FLOW is | 20197764 | GAL | | | | |
| W2_FLO is 22.4 | GPM | TOTAL FLOW is | 17779052 | 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 | 270136 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.61 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 34.60 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 55.72 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.6 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 62.6 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd. — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/10/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

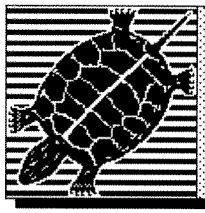
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.2 | GPM | TOTAL FLOW is | 20229093 | GAL | | | | |
| W2_FLO is 23.0 | GPM | TOTAL FLOW is | 17811842 | 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 | 270225 | GAL | | | | |
| HP_PRS is 1.7 | 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 4.66 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.46 | 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 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.6 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 64.3 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd. Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/11/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 20260442 | GAL | | | | |
| W2_FLO is 23.2 | GPM | TOTAL FLOW is | 17844647 | 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 | 270348 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.71 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 34.57 | 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 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.5 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 61.4 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/12/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

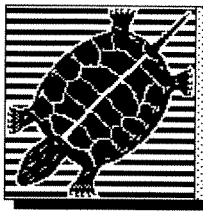
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.7 | GPM | TOTAL FLOW is | 20291761 | GAL | | | | |
| W2_FLO is 22.6 | GPM | TOTAL FLOW is | 17877444 | 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 | 270522 | GAL | | | | |
| HP_PRS is 1.8 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.04 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.55 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.59 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 34.58 | 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 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.5 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 61.6 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/13/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

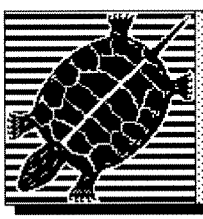
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.3 | GPM | TOTAL FLOW is | 20323053 | GAL | | | | |
| W2_FLO is 22.7 | GPM | TOTAL FLOW is | 17910242 | 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 | 270702 | GAL | | | | |
| HP_PRS is 1.7 | 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 4.56 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.44 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.68 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.1 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.5 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 63.0 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/14/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.0 | GPM | TOTAL FLOW is | 20354333 | GAL | | | | |
| W2_FLO is 22.6 | GPM | TOTAL FLOW is | 17942985 | 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 | 271005 | 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 4.59 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.60 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 36.04 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 57.20 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.1 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 62.3 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/15/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.7 | GPM | TOTAL FLOW is | 20385741 | GAL | | | | |
| W2_FLO is 22.4 | GPM | TOTAL FLOW is | 17975540 | 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 | 271210 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.63 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.64 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 35.25 | 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 4.1 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 64.1 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd. — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/16/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.9 | GPM | TOTAL FLOW is | 20417081 | GAL | | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 18007976 | 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 | 271313 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.53 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.56 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 34.65 | 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 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 64.4 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 12:30:32 ON 05/16/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P19 : LAST SHUTDOWN @ 21:49:45 ON 12/20/2013 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 ON | E_STOP is OFF | | |

## Discrete Outputs:

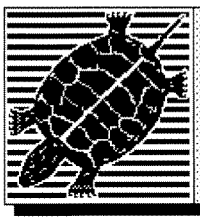
| | | | |
|---|---|---|---|
| W1_GO is OFF | W2_GO is OFF | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is ON |
| W2_ALM is ON | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 0.0 | GPM | TOTAL FLOW is | 20425566 | GAL | | | | |
| W2_FLO is 0.0 | GPM | TOTAL FLOW is | 18016755 | GAL | | | | |
| ASBPRS is 0.0 | IWC | LIMITS are | L: 5.0 | IWC | H: | 30.0 | IWC | |
| HP_FLO is 0.00 | GPM | TOTAL FLOW is | 271352 | GAL | | | | |
| HP_PRS is 0.0 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.00 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 0.00 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 0.00 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 0.00 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 0.00 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 0.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 0.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 0.0 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ALARM Fax Report

EOS Research Ltd. ProControl Series II+

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 12:43:00 ON 05/16/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

MANUAL : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 19

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 0.0 | GPM | TOTAL FLOW is | 20425566 | GAL | | | | |
| W2_FLO is 0.0 | GPM | TOTAL FLOW is | 18016755 | GAL | | | | |
| ASBPRS is 0.0 | IWC | LIMITS are | L: 5.0 | IWC | H: 30.0 | IWC | | |
| HP_FLO is 0.00 | GPM | TOTAL FLOW is | 271352 | GAL | | | | |
| HP_PRS is 0.0 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.00 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 0.00 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 0.00 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 0.00 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 0.00 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 0.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 0.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 0.0 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/17/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.0 | GPM | TOTAL FLOW is | 20444973 | GAL | | | | |
| W2_FLO is 23.1 | GPM | TOTAL FLOW is | 18036840 | 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 | 271567 | GAL | | | | |
| HP_PRS is 1.7 | 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 4.65 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP |
| W1_LVL is 36.32 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT |
| W2_LVL is 57.84 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI |
| W2_PRS is 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI |
| INTEMP is 59.8 | 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 05/18/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

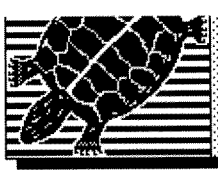
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.2 | GPM | TOTAL FLOW is | 20476627 | GAL | | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 18069532 | 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 | 271855 | GAL | | | | |
| HP_PRS is 1.7 | 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 4.63 | 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 35.87 | 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 4.1 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 58.8 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/19/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.9 | GPM | TOTAL FLOW is | 20508174 | GAL | | | | |
| W2_FLO is 23.1 | GPM | TOTAL FLOW is | 18102131 | 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 | 272173 | GAL | | | | |
| HP_PRS is 1.8 | 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 4.56 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | | AMP |
| W1_LVL is 35.57 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | | FT |
| W2_LVL is 56.80 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | | FT |
| W1_PRS is 4.1 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| W2_PRS is 4.5 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| INTEMP is 55.4 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd. — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/20/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.3 | GPM | TOTAL FLOW is | 20539610 | GAL | | | | |
| W2_FLO is 22.3 | GPM | TOTAL FLOW is | 18134692 | 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 | 272437 | GAL | | | | |
| HP_PRS is 1.8 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.04 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.51 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.54 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 35.29 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 56.50 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.5 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 57.5 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+
EOS Research Ltd.
Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/21/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 20570972 | GAL | | | |
| W2_FLO is 22.6 | GPM | TOTAL FLOW is | 18167230 | GAL | | | |
| ASBPRS is 10.3 | IWC | LIMITS are | L: 5.0 | IWC | H: 30.0 | IWC | |
| HP_FLO is 2.45 | GPM | TOTAL FLOW is | 272599 | GAL | | | |
| HP_PRS is 9.1 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | |
| HP_AMP is 4.89 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | |
| W1_AMP is 4.53 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | |
| W2_AMP is 4.57 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | |
| W1_LVL is 34.87 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | |
| W2_LVL is 56.31 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | |
| W1_PRS is 4.1 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | |
| W2_PRS is 4.5 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | |
| INTEMP is 61.2 | 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 05/22/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.8 | GPM | TOTAL FLOW is | 20602297 | GAL | | | |
| W2_FLO is 22.6 | GPM | TOTAL FLOW is | 18199737 | 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 | 272719 | GAL | | | |
| HP_PRS is 1.7 | 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 4.58 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | | AMP |
| W1_LVL is 34.58 | 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 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| W2_PRS is 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| INTEMP is 62.5 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/23/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 20633568 | GAL | | | | |
| W2_FLO is 22.2 | GPM | TOTAL FLOW is | 18232246 | 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 | 272774 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | | AMP |
| W1_AMP is 4.61 | 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 34.54 | 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 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| INTEMP is 62.0 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/24/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.5 | GPM | TOTAL FLOW is | 20664857 | GAL | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 18264782 | 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 | 272774 | GAL | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | | AMP |
| W1_AMP is 4.64 | 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 34.70 | 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 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| W2_PRS is 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| INTEMP is 61.3 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/25/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.9 | GPM | TOTAL FLOW is | 20696125 | GAL | | | |
| W2_FLO is 22.4 | GPM | TOTAL FLOW is | 18297177 | 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 | 272794 | GAL | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | | AMP |
| W1_AMP is 4.59 | 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 34.70 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | | FT |
| W2_LVL is 55.98 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | | FT |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| INTEMP is 59.1 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd. — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/26/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.8 | GPM | TOTAL FLOW is | 20727349 | GAL | | | | |
| W2_FLO is 22.3 | GPM | TOTAL FLOW is | 18329484 | 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 | 272878 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.59 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.61 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 34.52 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 55.87 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 61.4 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd. — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/27/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 20758541 | GAL | | | | |
| W2_FLO is 22.6 | GPM | TOTAL FLOW is | 18361746 | 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 | 273073 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.60 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.62 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.26 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.74 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 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 05/28/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.7 | GPM | TOTAL FLOW is | 20789741 | GAL | | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 18393988 | 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 | 273250 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.53 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.54 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 34.13 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 55.68 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 3.9 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 63.9 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/29/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.0 | GPM | TOTAL FLOW is | 20820947 | GAL | | | | |
| W2_FLO is 22.2 | GPM | TOTAL FLOW is | 18426247 | 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 | 273250 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.53 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.55 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.43 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.64 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 61.4 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/30/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.3 | GPM | TOTAL FLOW is | 20852141 | GAL | | | | |
| W2_FLO is 22.0 | GPM | TOTAL FLOW is | 18458452 | 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 | 273250 | GAL | | | | |
| HP_PRS is 1.5 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.60 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.61 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.31 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.62 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 60.9 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 05/31/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.4 | GPM | TOTAL FLOW is | 20883319 | GAL | | | | |
| W2_FLO is 22.3 | GPM | TOTAL FLOW is | 18490607 | 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 | 273250 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.60 | 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 34.35 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 55.58 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 59.2 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/01/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 20914495 | GAL | | | | |
| W2_FLO is 22.3 | GPM | TOTAL FLOW is | 18522820 | 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 | 273294 | GAL | | | | |
| HP_PRS is 1.5 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | | AMP |
| W1_AMP is 4.59 | 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 34.42 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | | FT |
| W2_LVL is 55.53 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | | FT |
| W1_PRS is 4.1 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| W2_PRS is 4.5 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| INTEMP is 59.1 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/02/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.7 | GPM | TOTAL FLOW is | 20945623 | GAL | | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 18555003 | 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 | 273461 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.50 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.53 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.19 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.47 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.1 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 60.7 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/03/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 22.0 | GPM | TOTAL FLOW is | 20976686 | GAL | | | | |
| W2_FLO is 22.2 | GPM | TOTAL FLOW is | 18587073 | 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 | 273757 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.51 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.55 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 33.88 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.43 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 64.4 | 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 06/04/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 21007756 | GAL | | | | |
| W2_FLO is 22.6 | GPM | TOTAL FLOW is | 18619160 | 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 | 273899 | GAL | | | | |
| HP_PRS is 1.5 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.56 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.60 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 33.89 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 55.60 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 61.3 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/05/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.5 | GPM | TOTAL FLOW is | 21038820 | GAL | | | |
| W2_FLO is 22.0 | GPM | TOTAL FLOW is | 18651223 | 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 | 273899 | GAL | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | | AMP |
| W1_AMP is 4.47 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | | AMP |
| W2_AMP is 4.50 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | | AMP |
| W1_LVL is 33.64 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | | FT |
| W2_LVL is 55.49 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | | FT |
| W1_PRS is 3.9 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| W2_PRS is 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| INTEMP is 61.3 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/06/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.5 | GPM | TOTAL FLOW is | 21069863 | GAL | | | | |
| W2_FLO is 22.6 | GPM | TOTAL FLOW is | 18683528 | 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 | 273899 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP |
| W1_AMP is 4.55 | 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 33.75 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT |
| W2_LVL is 55.43 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI |
| INTEMP is 62.4 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd. — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/07/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.5 | GPM | TOTAL FLOW is | 21100888 | GAL | | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 18715922 | 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 | 273971 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.52 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.57 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 33.87 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.43 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 58.9 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/08/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 21131833 | GAL | | | | |
| W2_FLO is 22.9 | GPM | TOTAL FLOW is | 18748389 | 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 | 274180 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | | AMP |
| W1_AMP is 4.58 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | | AMP |
| W2_AMP is 4.61 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | | AMP |
| W1_LVL is 33.76 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | | FT |
| W2_LVL is 55.39 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | | FT |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| INTEMP is 59.8 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/09/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.7 | GPM | TOTAL FLOW is | 21162760 | GAL | | | | |
| W2_FLO is 22.7 | GPM | TOTAL FLOW is | 18780937 | 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 | 274340 | GAL | | | | |
| HP_PRS is 1.5 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.51 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.57 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 33.98 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 55.64 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | | |
| INTEMP is 64.1 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/10/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.5 | GPM | TOTAL FLOW is | 21193723 | GAL | | | | |
| W2_FLO is 22.7 | GPM | TOTAL FLOW is | 18813531 | 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 | 274340 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | | AMP |
| W1_AMP is 4.52 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | | AMP |
| W2_AMP is 4.56 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | | AMP |
| W1_LVL is 33.97 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | | FT |
| W2_LVL is 55.58 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | | FT |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| INTEMP is 64.0 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/11/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.5 | GPM | TOTAL FLOW is | 21224644 | GAL | | | |
| W2_FLO is 22.3 | GPM | TOTAL FLOW is | 18846100 | 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 | 274431 | GAL | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | |
| W1_AMP is 4.53 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | |
| W2_AMP is 4.58 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | |
| W1_LVL is 33.92 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | |
| W2_LVL is 55.49 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | |
| W1_PRS is 3.8 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI | |
| W2_PRS is 4.1 | 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+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/12/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 21255594 | GAL | | | | |
| W2_FLO is 22.4 | GPM | TOTAL FLOW is | 18878653 | 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 | 274431 | GAL | | | | |
| HP_PRS is 1.3 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.56 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.61 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 33.91 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.51 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 3.8 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 63.1 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd. — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/13/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.5 | GPM | TOTAL FLOW is | 21286540 | GAL | | | | |
| W2_FLO is 22.7 | GPM | TOTAL FLOW is | 18911209 | 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 | 274431 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | | |
| W1_AMP is 4.55 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W2_AMP is 4.58 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | | |
| W1_LVL is 33.80 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | | |
| W2_LVL is 55.53 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | | |
| W1_PRS is 3.5 | 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 64.7 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/14/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

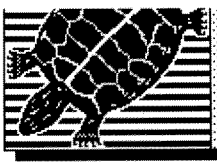
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.9 | GPM | TOTAL FLOW is | 21317533 | GAL | | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 18943835 | 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 | 274440 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | | AMP |
| W1_AMP is 4.61 | 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 34.64 | 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 3.6 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| W2_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| INTEMP is 61.7 | 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 06/15/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 21348544 | GAL | | | | |
| W2_FLO is 22.8 | GPM | TOTAL FLOW is | 18976499 | 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 | 274440 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.66 | 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 34.42 | 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 3.8 | 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 60.8 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+
EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/16/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

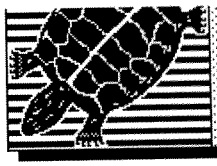
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.8 | GPM | TOTAL FLOW is | 21379487 | GAL | | | |
| W2_FLO is 22.7 | GPM | TOTAL FLOW is | 19009137 | 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 | 274549 | GAL | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | |
| W1_AMP is 4.53 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | |
| W2_AMP is 4.58 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | |
| W1_LVL is 34.29 | 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 3.8 | 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 59.7 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/17/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

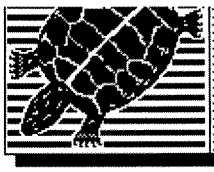
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.3 | GPM | TOTAL FLOW is | 21410396 | GAL | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 19041711 | 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 | 274767 | GAL | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP | |
| W1_AMP is 4.51 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | |
| W2_AMP is 4.56 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP | |
| W1_LVL is 34.09 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | FT | |
| W2_LVL is 55.58 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | FT | |
| W1_PRS is 3.7 | 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 62.7 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 23:15:54 ON 06/17/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P19 : LAST SHUTDOWN @ 12:40:32 ON 05/16/2014 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:

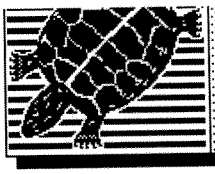
| | | | |
|---|---|---|---|
| W1_GO is OFF | W2_GO is OFF | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is ON |
| W2_ALM is ON | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 0.0 | GPM | TOTAL FLOW is | 21432590 | GAL | | | | |
| W2_FLO is 0.0 | GPM | TOTAL FLOW is | 19065104 | GAL | | | | |
| ASBPRS is 0.4 | IWC | LIMITS are | L: 5.0 | IWC | H: 30.0 | IWC |
| HP_FLO is 0.00 | GPM | TOTAL FLOW is | 275116 | GAL | | | | |
| HP_PRS is 1.0 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI |
| HP_AMP is 0.11 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP |
| W1_AMP is 0.01 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP |
| W2_AMP is 0.00 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP |
| W1_LVL is 35.35 | 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 0.5 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI |
| W2_PRS is 0.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI |
| INTEMP is 66.7 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ALARM Fax Report

EOS Research Ltd. — ProControl Series II+

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 23:37:00 ON 06/17/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

MANUAL : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL
FAX REPORT INITIATED BY PROCESS 19

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 0.0 | GPM | TOTAL FLOW is | 21432590 | GAL | | | | |
| W2_FLO is 0.0 | GPM | TOTAL FLOW is | 19065104 | GAL | | | | |
| ASBPRS is 0.2 | IWC | LIMITS are | L: 5.0 | IWC | H: 30.0 | IWC |
| HP_FLO is 0.00 | GPM | TOTAL FLOW is | 275117 | GAL | | | | |
| HP_PRS is 1.3 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | PSI |
| HP_AMP is 0.10 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | AMP |
| W1_AMP is 0.01 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP |
| W2_AMP is 0.00 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | AMP |
| W1_LVL is 35.67 | 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 0.8 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI |
| W2_PRS is 0.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | PSI |
| INTEMP is 65.3 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+
EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/19/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 21459875 | GAL | | | |
| W2_FLO is 22.2 | GPM | TOTAL FLOW is | 19093409 | 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 | 275247 | GAL | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | | AMP |
| W1_AMP is 4.60 | 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 34.44 | 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 3.8 | 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 64.3 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/20/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.5 | GPM | TOTAL FLOW is | 21491100 | GAL | | | | |
| W2_FLO is 22.4 | GPM | TOTAL FLOW is | 19125843 | 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 | 275395 | GAL | | | | |
| HP_PRS is 1.5 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | | AMP |
| W1_AMP is 4.54 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | | AMP |
| W2_AMP is 4.57 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | | AMP |
| W1_LVL is 34.26 | 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 3.8 | 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 59.9 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/21/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

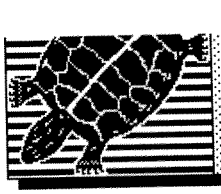
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.8 | GPM | TOTAL FLOW is | 21522221 | GAL | | | | |
| W2_FLO is 22.4 | GPM | TOTAL FLOW is | 19158231 | 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 | 275452 | GAL | | | | |
| HP_PRS is 1.6 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | | AMP |
| W1_AMP is 4.61 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | | AMP |
| W2_AMP is 4.62 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | | AMP |
| W1_LVL is 34.05 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | | FT |
| W2_LVL is 55.72 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | | FT |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| INTEMP is 58.8 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/22/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 22.1 | GPM | TOTAL FLOW is | 21553290 | GAL | | | |
| W2_FLO is 22.8 | GPM | TOTAL FLOW is | 19190575 | 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 | 275607 | GAL | | | |
| HP_PRS is 1.5 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | | AMP |
| W1_AMP is 4.57 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | | AMP |
| W2_AMP is 4.59 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | | AMP |
| W1_LVL is 33.97 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | | FT |
| W2_LVL is 55.62 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | | FT |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| W2_PRS is 4.4 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| INTEMP is 59.8 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+
EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/23/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.3 | GPM | TOTAL FLOW is | 21584319 | GAL | | | |
| W2_FLO is 22.2 | GPM | TOTAL FLOW is | 19222896 | 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 | 275815 | GAL | | | |
| HP_PRS is 1.6 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | | AMP |
| W1_AMP is 4.55 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | | AMP |
| W2_AMP is 4.57 | AMP | LIMITS are | L: 0.00 | AMP | H: 10.00 | | AMP |
| W1_LVL is 33.99 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | | FT |
| W2_LVL is 55.58 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | | FT |
| W1_PRS is 4.1 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: 100.0 | | PSI |
| INTEMP is 59.9 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/24/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

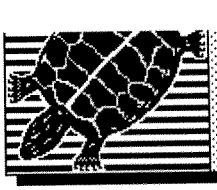
| | | | |
|---|---|---|---|
| W1_GO is ON | W2_GO is ON | ASB_GO is ON | SMP_GO is OFF |
| AIR_HH is OFF | ASMPHH is OFF | ASMPLL is OFF | W1_ALM is OFF |
| W2_ALM is OFF | ASBALM is OFF | SMPALM is OFF | AIR_LL is OFF |
| VFDRUN is OFF | VFDRST is OFF | HPMPGO is ON | |

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.4 | GPM | TOTAL FLOW is | 21615262 | GAL | | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 19255027 | 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 | 276008 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | | AMP |
| W1_AMP is 4.54 | 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 33.91 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | | FT |
| W2_LVL is 55.47 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | | FT |
| W1_PRS is 4.0 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| W2_PRS is 4.3 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | | PSI |
| INTEMP is 64.7 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN



# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/25/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| W1_FLO is 21.6 | GPM | TOTAL FLOW is | 21646132 | GAL | | | |
| W2_FLO is 22.1 | GPM | TOTAL FLOW is | 19287083 | GAL | | | |
| ASBPRS is 10.0 | IWC | LIMITS are | L: 5.0 | IWC | H: 30.0 | | IWC |
| HP_FLO is 0.00 | GPM | TOTAL FLOW is | 276158 | GAL | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: 20.0 | | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: ..... | | AMP |
| W1_AMP is 4.53 | 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 33.76 | FT | LIMITS are | L: 8.00 | FT | H: 28.00 | | FT |
| W2_LVL is 55.47 | FT | LIMITS are | L: 9.00 | FT | H: 52.00 | | FT |
| W1_PRS is 3.8 | 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 64.9 | DEG | LIMITS are | L: 42.0 | DEG | H: 130.0 | | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/26/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.4 | GPM | TOTAL FLOW is | 21677065 | GAL | | | | |
| W2_FLO is 22.7 | GPM | TOTAL FLOW is | 19319184 | 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 | 276425 | GAL | | | | |
| HP_PRS is 1.5 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.52 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.54 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.40 | 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 3.8 | 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 64.1 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd — Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/27/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.2 | GPM | TOTAL FLOW is | 21707995 | GAL | | | | |
| W2_FLO is 22.1 | GPM | TOTAL FLOW is | 19351303 | 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 | 276769 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.52 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.55 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.31 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.85 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 3.8 | 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 62.5 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/28/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.5 | GPM | TOTAL FLOW is | 21738893 | GAL | | | | |
| W2_FLO is 22.1 | GPM | TOTAL FLOW is | 19383389 | 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 | 277270 | GAL | | | | |
| HP_PRS is 1.4 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.53 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.54 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 34.36 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.74 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 3.8 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.1 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 61.7 | 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 06/29/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.7 | GPM | TOTAL FLOW is | 21769783 | GAL | | | | |
| W2_FLO is 22.5 | GPM | TOTAL FLOW is | 19415469 | 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 | 277765 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP |
| W1_AMP is 4.62 | 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 34.19 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT |
| W2_LVL is 55.62 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT |
| W1_PRS is 3.9 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI |
| W2_PRS is 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI |
| INTEMP is 62.4 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

# ProControl Series II+

EOS Research Ltd.

Fax Report

## To:

JEREMY WYCKOFF

## From:

THE NYSDEC GLADDING SYSTEM IN SOUTH OTSELIC NY @ 06:00:00 ON 06/30/2014
SER NO 9605 : SETUP VER 1 : ROM 2.1996 : MODEL A2

## System Status:

AUTO P35 : LAST SHUTDOWN @ 23:25:55 ON 06/17/2014 BY ACFAIL

## Discrete Inputs:

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

## Discrete Outputs:

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

## Analog Inputs:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| W1_FLO is 21.3 | GPM | TOTAL FLOW is | 21800646 | GAL | | | | |
| W2_FLO is 22.4 | GPM | TOTAL FLOW is | 19447550 | 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 | 278402 | GAL | | | | |
| HP_PRS is 1.7 | PSI | LIMITS are | L: -2.0 | PSI | H: | 20.0 | PSI | |
| HP_AMP is 0.09 | AMP | LIMITS are | L: 0.00 | AMP | H: | ..... | AMP | |
| W1_AMP is 4.55 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W2_AMP is 4.56 | AMP | LIMITS are | L: 0.00 | AMP | H: | 10.00 | AMP | |
| W1_LVL is 33.96 | FT | LIMITS are | L: 8.00 | FT | H: | 28.00 | FT | |
| W2_LVL is 55.58 | FT | LIMITS are | L: 9.00 | FT | H: | 52.00 | FT | |
| W1_PRS is 3.9 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| W2_PRS is 4.2 | PSI | LIMITS are | L: 0.5 | PSI | H: | 100.0 | PSI | |
| INTEMP is 65.1 | DEG | LIMITS are | L: 42.0 | DEG | H: | 130.0 | DEG | |

## Analog Outputs:

ASBSPD 0.0 PCT MAN

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## Appendix B

O&M Checklists and System Operation Logs

**Gladding Cordage**
**South Otselic, New York**
**NYSDEC Site #709009**

| | |
|---|---|
| **Date** | 4/10/2014 |
| **Inspector** | J.Wyckoff |
| **Time** | 10:30 |

| **Treatment System Operation** | | **Alarms** | |
|---|---|---|---|
| System On (Y/N) | Y | A/C Fail (Y/N) | N |
| RW-1 On (Y/N) | Y | RW-1 (Y/N) | N |
| RW-2 On (Y/N) | Y | RW-2 (Y/N) | N |
| Blower On (Y/N) | Y | Blower Pressure (Y/N) | N |
| Sump Pump On (Y/N) | N | Sump Level (Y/N) | N |

| **Recovery Wells** | **RW-1** | **RW-2** |
|---|---|---|
| Flow Rate (GPM) | 21.7 | 23.2 |
| Total Flow (Gallons) | - | - |
| Water Level (Feet Above Probe) | 35.97 | 56.59 |
| Probe Depth (Feet BTOC) | 40.00 | 65.00 |

| **Air Stripper** | | | |
|---|---|---|---|
| Blower VFD Setting (Hertz) | 46 | Intake/Exhaust Piping OK? (Y/N) | Y |
| System Pressure (inches water) | 10.3 | Water Leaks (Y/N) | N |
| Influent/Effluent Piping OK? (Y/N) | Y | Water Temperature (°F) | 50 |

| **Heat Exchanger** | | | |
|---|---|---|---|
| Heat (On/Off) | off | Building Temperature (°F) | 64 |
| Heat Exchanger Flow (GPM) | 0.0 | Heat Exchanger Pressure (PSI) | 1.8 |

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

**Notes:**

System was off - no power from UPS. No alarms set.
UPS overload light on. Confirm UPS defective.
Get part numbers from UPS to order new part.
Restart system at 13:10. Values above after restart.

**Gladding Cordage**
**South Otselic, New York**
**NYSDEC Site #709009**

| | |
|---|---|
| **Date** | 4/23/2014 |
| **Inspector** | J.Wyckoff |
| **Time** | 10:30 |

| **Treatment System Operation** | | **Alarms** | |
|---|---|---|---|
| System On (Y/N) | Y | A/C Fail (Y/N) | N |
| RW-1 On (Y/N) | Y | RW-1 (Y/N) | N |
| RW-2 On (Y/N) | Y | RW-2 (Y/N) | N |
| Blower On (Y/N) | Y | Blower Pressure (Y/N) | N |
| Sump Pump On (Y/N) | N | Sump Level (Y/N) | N |

| **Recovery Wells** | **RW-1** | **RW-2** |
|---|---|---|
| Flow Rate (GPM) | 22.1 | 23.0 |
| Total Flow (Gallons) | - | - |
| Water Level (Feet Above Probe) | 34.96 | 56.08 |
| Probe Depth (Feet BTOC) | 40.00 | 65.00 |

| **Air Stripper** | | | |
|---|---|---|---|
| Blower VFD Setting (Hertz) | 46 | Intake/Exhaust Piping OK? (Y/N) | Y |
| System Pressure (inches water) | 10.3 | Water Leaks (Y/N) | N |
| Influent/Effluent Piping OK? (Y/N) | Y | Water Temperature (°F) | 50 |

| **Heat Exchanger** | | | |
|---|---|---|---|
| Heat (On/Off) | On | Building Temperature (°F) | 59 |
| Heat Exchanger Flow (GPM) | 2.3 | Heat Exchanger Pressure (PSI) | 9.3 |

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

**Notes:**

System was off. No alarms set.
Replace UPS with in-kind part.
Confirm UPS operation - maintains power to PLC when panel power disconnected.
Restart system at 10:05. Values above after restart.

**Gladding Cordage**
**South Otselic, New York**
**NYSDEC Site #709009**

| | |
|---|---|
| **Date** | 5/22/2014 |
| **Inspector** | J.Wyckoff |
| **Time** | 14:00 |

| **Treatment System Operation** | | **Alarms** | |
|---|---|---|---|
| System On (Y/N) | Y | A/C Fail (Y/N) | N |
| RW-1 On (Y/N) | Y | RW-1 (Y/N) | N |
| RW-2 On (Y/N) | Y | RW-2 (Y/N) | N |
| Blower On (Y/N) | Y | Blower Pressure (Y/N) | N |
| Sump Pump On (Y/N) | N | Sump Level (Y/N) | N |

| **Recovery Wells** | **RW-1** | **RW-2** |
|---|---|---|
| Flow Rate (GPM) | 21.8 | 22.5 |
| Total Flow (Gallons) | 20602297 | 18199737 |
| Water Level (Feet Above Probe) | 34.38 | 55.89 |
| Probe Depth (Feet BTOC) | 40.00 | 65.00 |

| **Air Stripper** | | | |
|---|---|---|---|
| Blower VFD Setting (Hertz) | 46 | Intake/Exhaust Piping OK? (Y/N) | Y |
| System Pressure (inches water) | 10.0 | Water Leaks (Y/N) | N |
| Influent/Effluent Piping OK? (Y/N) | Y | Water Temperature (°F) | 50 |

| **Heat Exchanger** | | | |
|---|---|---|---|
| Heat (On/Off) | Off | Building Temperature (°F) | 69 |
| Heat Exchanger Flow (GPM) | 0.0 | Heat Exchanger Pressure (PSI) | 1.8 |

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

**Notes:**

Trim grass.

**Gladding Cordage**
**South Otselic, New York**
**NYSDEC Site #709009**

| | |
|---|---|
| **Date** | 6/25/2014 |
| **Inspector** | J.Wyckoff |
| **Time** | 10:30 |

| **Treatment System Operation** | | **Alarms** | |
|---|---|---|---|
| System On (Y/N) | Y | A/C Fail (Y/N) | N |
| RW-1 On (Y/N) | Y | RW-1 (Y/N) | N |
| RW-2 On (Y/N) | Y | RW-2 (Y/N) | N |
| Blower On (Y/N) | Y | Blower Pressure (Y/N) | N |
| Sump Pump On (Y/N) | N | Sump Level (Y/N) | N |

| **Recovery Wells** | **RW-1** | **RW-2** |
|---|---|---|
| Flow Rate (GPM) | 21.4 | 21.6 |
| Total Flow (Gallons) | 21646132 | 19287083 |
| Water Level (Feet Above Probe) | 33.76 | 55.41 |
| Probe Depth (Feet BTOC) | 40.00 | 65.00 |

| **Air Stripper** | | | |
|---|---|---|---|
| Blower VFD Setting (Hertz) | 46 | Intake/Exhaust Piping OK? (Y/N) | Y |
| System Pressure (inches water) | 10.0 | Water Leaks (Y/N) | N |
| Influent/Effluent Piping OK? (Y/N) | Y | Water Temperature (°F) | 50 |

| **Heat Exchanger** | | | |
|---|---|---|---|
| Heat (On/Off) | Off | Building Temperature (°F) | 68 |
| Heat Exchanger Flow (GPM) | 0.0 | Heat Exchanger Pressure (PSI) | 1.5 |

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

**Notes:**

Trim grass.

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## Appendix C

Analytical Reporting Forms

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

April 21, 2014

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

Project Location: 00266406.0000-South Otselic, NY
Client Job Number:
Project Number: 00266406.0000
Laboratory Work Order Number: 14D0477

Enclosed are results of analyses for samples received by the laboratory on April 12, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

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: 4/21/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 14D0477

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

PROJECT LOCATION: 00266406.0000-South Otselic, NY

| FIELD SAMPLE # | LAB ID: | MATRIX | SAMPLE DESCRIPTION | TEST | SUB LAB |
|---|---|---|---|---|---|
| RW-1 | 14D0477-01 | Ground Water | | EPA 624 | |
| RW-2 | 14D0477-02 | Ground Water | | EPA 624 | |
| EFF 46HZ | 14D0477-03 | Ground Water | | EPA 624 | |
| Trip Blank | 14D0477-04 | Trip Blank Water | | EPA 624 | |

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

**CASE NARRATIVE SUMMARY**

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

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

Michael A. Erickson
Laboratory Director

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

Project Location: 00266406.0000-South Otselic, NY  Sample Description:  Work Order: 14D0477

Date Received: 4/12/2014

**Field Sample #: RW-1**  Sampled: 4/10/2014 13:40

**Sample ID: 14D0477-01**

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 | 0.079 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 1,2-Dichloroethane | ND | 2.0 | 0.19 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 1,1-Dichloroethane | 1.9 | 2.0 | 0.16 | µg/L | 1 | J | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 1,1-Dichloroethylene | 1.0 | 2.0 | 0.21 | µg/L | 1 | J | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 1,1,1-Trichloroethane | 42 | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:32 | LBD |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 88.4 | 70-130 | | 4/16/14 5:32 |
| Toluene-d8 | 102 | 70-130 | | 4/16/14 5:32 |
| 4-Bromofluorobenzene | 101 | 70-130 | | 4/16/14 5:32 |

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

Project Location: 00266406.0000-South Otselic, NY  Sample Description:  Work Order: 14D0477

Date Received: 4/12/2014

**Field Sample #: RW-2**  Sampled: 4/10/2014 13:45

**Sample ID: 14D0477-02**

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 | 0.079 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 1,2-Dichloroethane | ND | 2.0 | 0.19 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 1,1-Dichloroethane | 1.2 | 2.0 | 0.16 | µg/L | 1 | J | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 1,1-Dichloroethylene | 0.88 | 2.0 | 0.21 | µg/L | 1 | J | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 1,1,1-Trichloroethane | 44 | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 6:03 | LBD |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 86.5 | 70-130 | | 4/16/14 6:03 |
| Toluene-d8 | 101 | 70-130 | | 4/16/14 6:03 |
| 4-Bromofluorobenzene | 99.7 | 70-130 | | 4/16/14 6:03 |

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

Project Location: 00266406.0000-South Otselic, NY  Sample Description:  Work Order: 14D0477

Date Received: 4/12/2014

**Field Sample #: EFF 46HZ**  Sampled: 4/10/2014 13:50

**Sample ID: 14D0477-03**

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 | 0.079 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 1,2-Dichloroethane | ND | 2.0 | 0.19 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 1,1-Dichloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 1,1-Dichloroethylene | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 1,1,1-Trichloroethane | ND | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 5:01 | LBD |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 89.7 | 70-130 | | 4/16/14 5:01 |
| Toluene-d8 | 101 | 70-130 | | 4/16/14 5:01 |
| 4-Bromofluorobenzene | 101 | 70-130 | | 4/16/14 5:01 |

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

Project Location: 00266406.0000-South Otselic, NY  Sample Description:  Work Order: 14D0477

Date Received: 4/12/2014

**Field Sample #: Trip Blank**  Sampled: 4/10/2014 00:00

**Sample ID: 14D0477-04**

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 | 0.079 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 1,2-Dichloroethane | ND | 2.0 | 0.19 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 1,1-Dichloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 1,1-Dichloroethylene | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 1,1,1-Trichloroethane | ND | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 4/15/14 | 4/16/14 4:30 | LBD |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 89.4 | 70-130 | | 4/16/14 4:30 |
| Toluene-d8 | 100 | 70-130 | | 4/16/14 4:30 |
| 4-Bromofluorobenzene | 99.2 | 70-130 | | 4/16/14 4:30 |

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 |
|---|---|---|---|---|
| 14D0477-01 [RW-1] | B093814 | 5 | 5.00 | 04/15/14 |
| 14D0477-02 [RW-2] | B093814 | 5 | 5.00 | 04/15/14 |
| 14D0477-03 [EFF 46HZ] | B093814 | 5 | 5.00 | 04/15/14 |
| 14D0477-04 [Trip Blank] | B093814 | 5 | 5.00 | 04/15/14 |

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

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B093814 - SW-846 5030B** | | | | | | | | | | |
| **Blank (B093814-BLK1)** | | | | Prepared & Analyzed: 04/15/14 | | | | | | |
| 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 | *21.2* | | µg/L | 25.0 | | 84.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | *25.4* | | µg/L | 25.0 | | 102 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | *25.3* | | µg/L | 25.0 | | 101 | 70-130 | | | |
| **LCS (B093814-BS1)** | | | | Prepared & Analyzed: 04/15/14 | | | | | | |
| Benzene | 12.2 | 1.0 | µg/L | 10.0 | | 122 | 37-151 | | | |
| Bromodichloromethane | 8.38 | 2.0 | µg/L | 10.0 | | 83.8 | 35-155 | | | |
| Bromoform | 6.68 | 2.0 | µg/L | 10.0 | | 66.8 | 45-169 | | | |
| Bromomethane | 12.7 | 2.0 | µg/L | 10.0 | | 127 | 20-242 | | | |
| Carbon Tetrachloride | 8.31 | 2.0 | µg/L | 10.0 | | 83.1 | 70-140 | | | |
| Chlorobenzene | 11.2 | 2.0 | µg/L | 10.0 | | 112 | 37-160 | | | |
| Chlorodibromomethane | 7.50 | 2.0 | µg/L | 10.0 | | 75.0 | 53-149 | | | |
| Chloroethane | 9.63 | 2.0 | µg/L | 10.0 | | 96.3 | 70-130 | | | |
| 2-Chloroethyl Vinyl Ether | 98.9 | 10 | µg/L | 100 | | 98.9 | 10-305 | | | |
| Chloroform | 10.9 | 2.0 | µg/L | 10.0 | | 109 | 51-138 | | | |
| Chloromethane | 9.76 | 2.0 | µg/L | 10.0 | | 97.6 | 20-273 | | | |
| 1,2-Dichlorobenzene | 10.1 | 2.0 | µg/L | 10.0 | | 101 | 18-190 | | | |
| 1,3-Dichlorobenzene | 10.2 | 2.0 | µg/L | 10.0 | | 102 | 59-156 | | | |

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

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B093814 - SW-846 5030B** | | | | | | | | | | |
| **LCS (B093814-BS1)** | | | | Prepared & Analyzed: 04/15/14 | | | | | | |
| 1,4-Dichlorobenzene | 9.86 | 2.0 | µg/L | 10.0 | | 98.6 | 18-190 | | | |
| 1,2-Dichloroethane | 9.24 | 2.0 | µg/L | 10.0 | | 92.4 | 49-155 | | | |
| 1,1-Dichloroethane | 11.0 | 2.0 | µg/L | 10.0 | | 110 | 59-155 | | | |
| 1,1-Dichloroethylene | 10.2 | 2.0 | µg/L | 10.0 | | 102 | 20-234 | | | |
| trans-1,2-Dichloroethylene | 9.81 | 2.0 | µg/L | 10.0 | | 98.1 | 54-156 | | | |
| 1,2-Dichloropropane | 10.9 | 2.0 | µg/L | 10.0 | | 109 | 20-210 | | | |
| cis-1,3-Dichloropropene | 9.42 | 2.0 | µg/L | 10.0 | | 94.2 | 20-227 | | | |
| trans-1,3-Dichloropropene | 7.60 | 2.0 | µg/L | 10.0 | | 76.0 | 17-183 | | | |
| Ethylbenzene | 10.9 | 2.0 | µg/L | 10.0 | | 109 | 37-162 | | | |
| Methyl tert-Butyl Ether (MTBE) | 8.94 | 2.0 | µg/L | 10.0 | | 89.4 | 70-130 | | | |
| Methylene Chloride | 9.15 | 5.0 | µg/L | 10.0 | | 91.5 | 50-221 | | | |
| 1,1,2,2-Tetrachloroethane | 11.2 | 2.0 | µg/L | 10.0 | | 112 | 46-157 | | | |
| Tetrachloroethylene | 12.1 | 2.0 | µg/L | 10.0 | | 121 | 64-148 | | | |
| Toluene | 11.6 | 1.0 | µg/L | 10.0 | | 116 | 47-150 | | | |
| 1,1,1-Trichloroethane | 9.06 | 2.0 | µg/L | 10.0 | | 90.6 | 52-162 | | | |
| 1,1,2-Trichloroethane | 11.6 | 2.0 | µg/L | 10.0 | | 116 | 52-150 | | | |
| Trichloroethylene | 11.5 | 2.0 | µg/L | 10.0 | | 115 | 71-157 | | | |
| Trichlorofluoromethane (Freon 11) | 10.3 | 2.0 | µg/L | 10.0 | | 103 | 17-181 | | | |
| Vinyl Chloride | 10.3 | 2.0 | µg/L | 10.0 | | 103 | 20-251 | | | |
| m+p Xylene | 21.6 | 2.0 | µg/L | 20.0 | | 108 | 70-130 | | | |
| o-Xylene | 10.3 | 2.0 | µg/L | 10.0 | | 103 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | *21.1* | | µg/L | 25.0 | | 84.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | *26.3* | | µg/L | 25.0 | | 105 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | *27.6* | | µg/L | 25.0 | | 111 | 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 |
| | 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). |

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

**CERTIFICATIONS**

**Certified Analyses included in this Report**

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

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

| Code | Description | Number | Expires |
|---|---|---|---|
| AIHA | AIHA-LAP, LLC | 100033 | 02/1/2016 |
| MA | Massachusetts DEP | M-MA100 | 06/30/2014 |
| CT | Connecticut Department of Publilc Health | PH-0567 | 09/30/2015 |
| NY | New York State Department of Health | 10899 NELAP | 04/1/2015 |
| NH-S | New Hampshire Environmental Lab | 2516 NELAP | 02/5/2015 |
| RI | Rhode Island Department of Health | LAO00112 | 12/30/2014 |
| NC | North Carolina Div. of Water Quality | 652 | 12/31/2014 |
| NJ | New Jersey DEP | MA007 NELAP | 06/30/2014 |
| FL | Florida Department of Health | E871027 NELAP | 06/30/2014 |
| VT | Vermont Department of Health Lead Laboratory | LL015036 | 07/30/2014 |
| WA | State of Washington Department of Ecology | C2065 | 02/23/2015 |
| ME | State of Maine | 2011028 | 06/9/2015 |
| VA | Commonwealth of Virginia | 460217 | 12/14/2014 |
| NH-P | New Hampshire Environmental Lab | 2557 NELAP | 09/6/2014 |

# CHAIN OF CUSTODY RECORD

14D0477

Rev 04.05.12

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

Page 1 of 1

Company Name: ARCADIS
Address: 855 Route 146, STE 210
Attention: Jeremy Wyckoff
Project Location: South Otselic, NY
Sampled By: J. Wyckoff

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

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #
Email: jeremy.wyckoff@arcadis-us.com
Format: ◉ PDF ◉ EXCEL ○ GIS
◉ OTHER NYSDEC EQUIS
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

| Con-Test Lab ID (laboratory use only) | Client Sample ID / Description | Collection Beginning Date/Time | Collection Ending Date/Time | Composite | Grab | *Matrix Code | Conc Code | # of Containers: 12 | ** Preservation: H | ***Container Co: V | ANALYSIS REQUESTED: 624 | Dissolved Meta: ○ Field Filtered ○ Lab to Filter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | RW-1 | 4/10/14 | 1340 | | X | GW | M | | | | X | |
| 02 | RW-2 | 4/10/14 | 1345 | | X | GW | M | | | | X | |
| 03 | Eff 46 HZ | 4/10/14 | 1350 | | X | GW | L | | | | X | |
| 04 | Trip Blank | 4/10/14 | — | | — | — | — | | | | X | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

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

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

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

Comments:

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

| | | |
|---|---|---|
| Relinquished by: (signature) | | Date/Time: 4/14/14 1515 |
| Received by: (signature) | 4.4°C | Date/Time: 4/12/14 1153 |
| Relinquished by: (signature) | | Date/Time: |
| Received by: (signature) | | Date/Time: |

**Turnaround ††**
☐ 7-Day
☒ 10-Day
☐ Other ___
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

**Detection Limit Requirements**
Massachusetts:
Connecticut:
Other: NYS ASP CLP B

**Is your project MCP or RCP?**
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME 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 BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

FedEx

**901560238775**

Ship (P/U) date
**Fri 4/11/2014 4:42 pm**
CLIFTON PARK, NY US

**Delivered**
*Signed for by: M.JONES*

Actual delivery
**Sat 4/12/2014 11:53 am**
East Longmeadow, MA US

**Let us tell you when your shipment arrives. Sign up for delivery notifications**

## Travel History

| Date/Time | Activity | Location |
|---|---|---|
| - 4/12/2014 - Saturday | | |
| 11:53 am | Delivered | East Longmeadow, MA |
| 8:33 am | On FedEx vehicle for delivery | WINDSOR LOCKS, CT |
| 8:24 am | At local FedEx facility | WINDSOR LOCKS, CT |
| 6:56 am | At destination sort facility | EAST GRANBY, CT |
| 3:43 am | Departed FedEx location | MEMPHIS, TN |
| - 4/11/2014 - Friday | | |
| 11:24 pm | Arrived at FedEx location | MEMPHIS, TN |
| 8:34 pm | Left FedEx origin facility | MENANDS, NY |
| 3:47 pm | Shipment information sent to FedEx | |
| 4:42 pm | Picked up | MENANDS, NY |

Local Scan Time

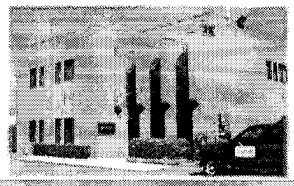
## Shipment Facts

| | | | |
|---|---|---|---|
| **Tracking number** | 901560238775 | **Service** | FedEx Priority Overnight |
| **Weight** | 11 lbs | **Delivered To** | Shipping/Receiving |
| **Total pieces** | 1 | **Total shipment weight** | 11 lbs / 4.99 kgs |
| **Shipper reference** | 00266406.000015194-HUNZIKER LINDSAY | **Packaging** | Your Packaging |
| **Special handling section** | For Saturday Delivery | | |

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

con-test® ANALYTICAL LABORATORY





# Sample Receipt Checklist

**CLIENT NAME:** Arcadis **RECEIVED BY:** RLF **DATE:** 4/12/14

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

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

If not, explain:

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

If not, explain:

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

On Ice ☑ 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 4.4° C

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

**7) Location where samples are stored:** 19

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

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

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

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

## Containers received at Con-Test

| | # of containers | | # of containers |
|---|---|---|---|
| 1 Liter Amber | | 8 oz amber/clear jar | |
| 500 mL Amber | | 4 oz amber/clear jar | |
| 250 mL Amber (8oz amber) | | 2 oz amber/clear jar | |
| 1 Liter Plastic | | Plastic Bag / Ziploc | |
| 500 mL Plastic | | SOC Kit | |
| 250 mL plastic | | Non-ConTest Container | |
| 40 mL Vial - type listed below | 12 | Perchlorate Kit | |
| Colisure / bacteria bottle | | Flashpoint bottle | |
| Dissolved Oxygen bottle | | Other glass jar | |
| Encore | | Other | |

Laboratory Comments:

40 mL vials: # HCl 12 # Methanol _____

# Bisulfate _____ # DI Water _____

# Thiosulfate _____

**Time and Date Frozen:**

**Login Sample Receipt Checklist**

**(Rejection Criteria Listing - Using Sample Acceptance Policy)**

**Any False statement will be brought to the attention of Client**

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

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

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

RLF 4/12/14 1153

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

May 30, 2014

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: 14E0863

Enclosed are results of analyses for samples received by the laboratory on May 23, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

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: 5/30/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 14E0863

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 | 14E0863-01 | Ground Water | | EPA 624 | |
| RW-2 | 14E0863-02 | Ground Water | | EPA 624 | |
| EFF46HZ | 14E0863-03 | Ground Water | | EPA 624 | |
| Trip Blank | 14E0863-04 | Trip Blank Water | | EPA 624 | |

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

**CASE NARRATIVE SUMMARY**

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

**EPA 624**

**Qualifications:**

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:**

**Chloroethane**

14E0863-01[RW-1], 14E0863-02[RW-2], 14E0863-03[EFF46HZ], 14E0863-04[Trip Blank], B096439-BLK1, B096439-BS1

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

Daren J. Damboragian
Laboratory Manager

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 14E0863

Date Received: 5/23/2014

**Field Sample #: RW-1** | Sampled: 5/22/2014 14:00

**Sample ID: 14E0863-01**

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 | 0.079 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | L-03 | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 1,2-Dichloroethane | ND | 2.0 | 0.19 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 1,1-Dichloroethane | 1.2 | 2.0 | 0.16 | µg/L | 1 | J | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 1,1-Dichloroethylene | 0.71 | 2.0 | 0.21 | µg/L | 1 | J | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 1,1,1-Trichloroethane | 31 | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:49 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 97.5 | 70-130 | | 5/28/14 0:49 |
| Toluene-d8 | 95.9 | 70-130 | | 5/28/14 0:49 |
| 4-Bromofluorobenzene | 89.0 | 70-130 | | 5/28/14 0:49 |

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 14E0863

Date Received: 5/23/2014

**Field Sample #: RW-2** | Sampled: 5/22/2014 14:05

**Sample ID: 14E0863-02**

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 | 0.079 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | L-03 | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 1,2-Dichloroethane | ND | 2.0 | 0.19 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 1,1-Dichloroethane | 0.57 | 2.0 | 0.16 | µg/L | 1 | J | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 1,1-Dichloroethylene | 0.63 | 2.0 | 0.21 | µg/L | 1 | J | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 1,1,1-Trichloroethane | 27 | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 1:21 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98.6 | 70-130 | | 5/28/14 1:21 |
| Toluene-d8 | 96.4 | 70-130 | | 5/28/14 1:21 |
| 4-Bromofluorobenzene | 89.2 | 70-130 | | 5/28/14 1:21 |

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 14E0863

Date Received: 5/23/2014

**Field Sample #: EFF46HZ** | Sampled: 5/22/2014 14:10

**Sample ID: 14E0863-03**

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 | 0.079 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | L-03 | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 1,2-Dichloroethane | ND | 2.0 | 0.19 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 1,1-Dichloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 1,1-Dichloroethylene | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 1,1,1-Trichloroethane | ND | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/28/14 0:18 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99.6 | 70-130 | | 5/28/14 0:18 |
| Toluene-d8 | 95.8 | 70-130 | | 5/28/14 0:18 |
| 4-Bromofluorobenzene | 89.0 | 70-130 | | 5/28/14 0:18 |

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 14E0863

Date Received: 5/23/2014

**Field Sample #: Trip Blank** | Sampled: 5/22/2014 00:00

**Sample ID: 14E0863-04**

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 | 0.079 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | L-03 | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 1,2-Dichloroethane | ND | 2.0 | 0.19 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 1,1-Dichloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 1,1-Dichloroethylene | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 1,1,1-Trichloroethane | ND | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 5/27/14 | 5/27/14 23:47 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99.2 | 70-130 | | 5/27/14 23:47 |
| Toluene-d8 | 96.0 | 70-130 | | 5/27/14 23:47 |
| 4-Bromofluorobenzene | 88.8 | 70-130 | | 5/27/14 23:47 |

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 |
|---|---|---|---|---|
| 14E0863-01 [RW-1] | B096439 | 5 | 5.00 | 05/27/14 |
| 14E0863-02 [RW-2] | B096439 | 5 | 5.00 | 05/27/14 |
| 14E0863-03 [EFF46HZ] | B096439 | 5 | 5.00 | 05/27/14 |
| 14E0863-04 [Trip Blank] | B096439 | 5 | 5.00 | 05/27/14 |

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

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B096439 - SW-846 5030B** | | | | | | | | | | | |
| **Blank (B096439-BLK1)** | | | | Prepared & Analyzed: 05/27/14 | | | | | | | |
| 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 | | | | | | | | L-03 |
| 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 | *24.3* | | µg/L | 25.0 | | 97.2 | | 70-130 | | | |
| Surrogate: Toluene-d8 | *24.0* | | µg/L | 25.0 | | 96.1 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | *22.4* | | µg/L | 25.0 | | 89.8 | | 70-130 | | | |
| **LCS (B096439-BS1)** | | | | Prepared & Analyzed: 05/27/14 | | | | | | | |
| Benzene | 8.84 | 1.0 | µg/L | 10.0 | | 88.4 | | 37-151 | | | |
| Bromodichloromethane | 8.97 | 2.0 | µg/L | 10.0 | | 89.7 | | 35-155 | | | |
| Bromoform | 9.07 | 2.0 | µg/L | 10.0 | | 90.7 | | 45-169 | | | |
| Bromomethane | 11.1 | 2.0 | µg/L | 10.0 | | 111 | | 20-242 | | | |
| Carbon Tetrachloride | 8.30 | 2.0 | µg/L | 10.0 | | 83.0 | | 70-140 | | | |
| Chlorobenzene | 10.5 | 2.0 | µg/L | 10.0 | | 105 | | 37-160 | | | |
| Chlorodibromomethane | 9.89 | 2.0 | µg/L | 10.0 | | 98.9 | | 53-149 | | | |
| **Chloroethane** | 6.99 | 2.0 | µg/L | 10.0 | | **69.9** | * | 70-130 | | | L-03 |
| 2-Chloroethyl Vinyl Ether | 101 | 10 | µg/L | 100 | | 101 | | 10-305 | | | |
| Chloroform | 8.86 | 2.0 | µg/L | 10.0 | | 88.6 | | 51-138 | | | |
| Chloromethane | 6.50 | 2.0 | µg/L | 10.0 | | 65.0 | | 20-273 | | | |
| 1,2-Dichlorobenzene | 10.6 | 2.0 | µg/L | 10.0 | | 106 | | 18-190 | | | |
| 1,3-Dichlorobenzene | 10.5 | 2.0 | µg/L | 10.0 | | 105 | | 59-156 | | | |

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

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B096439 - SW-846 5030B** | | | | | | | | | | |
| **LCS (B096439-BS1)** | | | | Prepared & Analyzed: 05/27/14 | | | | | | |
| 1,4-Dichlorobenzene | 10.4 | 2.0 | µg/L | 10.0 | | 104 | 18-190 | | | |
| 1,2-Dichloroethane | 9.46 | 2.0 | µg/L | 10.0 | | 94.6 | 49-155 | | | |
| 1,1-Dichloroethane | 8.55 | 2.0 | µg/L | 10.0 | | 85.5 | 59-155 | | | |
| 1,1-Dichloroethylene | 7.96 | 2.0 | µg/L | 10.0 | | 79.6 | 20-234 | | | |
| trans-1,2-Dichloroethylene | 9.41 | 2.0 | µg/L | 10.0 | | 94.1 | 54-156 | | | |
| 1,2-Dichloropropane | 9.21 | 2.0 | µg/L | 10.0 | | 92.1 | 20-210 | | | |
| cis-1,3-Dichloropropene | 8.45 | 2.0 | µg/L | 10.0 | | 84.5 | 20-227 | | | |
| trans-1,3-Dichloropropene | 8.11 | 2.0 | µg/L | 10.0 | | 81.1 | 17-183 | | | |
| Ethylbenzene | 10.4 | 2.0 | µg/L | 10.0 | | 104 | 37-162 | | | |
| Methyl tert-Butyl Ether (MTBE) | 8.86 | 2.0 | µg/L | 10.0 | | 88.6 | 70-130 | | | |
| Methylene Chloride | 12.4 | 5.0 | µg/L | 10.0 | | 124 | 50-221 | | | |
| 1,1,2,2-Tetrachloroethane | 10.4 | 2.0 | µg/L | 10.0 | | 104 | 46-157 | | | |
| Tetrachloroethylene | 10.2 | 2.0 | µg/L | 10.0 | | 102 | 64-148 | | | |
| Toluene | 9.67 | 1.0 | µg/L | 10.0 | | 96.7 | 47-150 | | | |
| 1,1,1-Trichloroethane | 8.44 | 2.0 | µg/L | 10.0 | | 84.4 | 52-162 | | | |
| 1,1,2-Trichloroethane | 9.89 | 2.0 | µg/L | 10.0 | | 98.9 | 52-150 | | | |
| Trichloroethylene | 9.53 | 2.0 | µg/L | 10.0 | | 95.3 | 71-157 | | | |
| Trichlorofluoromethane (Freon 11) | 9.29 | 2.0 | µg/L | 10.0 | | 92.9 | 17-181 | | | |
| Vinyl Chloride | 7.29 | 2.0 | µg/L | 10.0 | | 72.9 | 20-251 | | | |
| m+p Xylene | 21.2 | 2.0 | µg/L | 20.0 | | 106 | 70-130 | | | |
| o-Xylene | 10.3 | 2.0 | µg/L | 10.0 | | 103 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | *23.5* | | µg/L | 25.0 | | 94.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | *24.6* | | µg/L | 25.0 | | 98.4 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | *24.0* | | µg/L | 25.0 | | 95.8 | 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 |
| | Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded. |
| | No results have been blank subtracted unless specified in the case narrative section. |
| J | Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag). |
| L-03 | Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side. |

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

**CERTIFICATIONS**

**Certified Analyses included in this Report**

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

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

| Code | Description | Number | Expires |
|---|---|---|---|
| AIHA | AIHA-LAP, LLC | 100033 | 02/1/2016 |
| MA | Massachusetts DEP | M-MA100 | 06/30/2014 |
| CT | Connecticut Department of Publilc Health | PH-0567 | 09/30/2015 |
| NY | New York State Department of Health | 10899 NELAP | 04/1/2015 |
| NH-S | New Hampshire Environmental Lab | 2516 NELAP | 02/5/2015 |
| RI | Rhode Island Department of Health | LAO00112 | 12/30/2014 |
| NC | North Carolina Div. of Water Quality | 652 | 12/31/2014 |
| NJ | New Jersey DEP | MA007 NELAP | 06/30/2014 |
| FL | Florida Department of Health | E871027 NELAP | 06/30/2014 |
| VT | Vermont Department of Health Lead Laboratory | LL015036 | 07/30/2014 |
| WA | State of Washington Department of Ecology | C2065 | 02/23/2015 |
| ME | State of Maine | 2011028 | 06/9/2015 |
| VA | Commonwealth of Virginia | 460217 | 12/14/2014 |
| NH-P | New Hampshire Environmental Lab | 2557 NELAP | 09/6/2014 |

# CHAIN OF CUSTODY RECORD

14608 63

Rev 04.05.12


**con-test** ANALYTICAL LABORATORY

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

39 Spruce Street
East longmeadow, MA 01028


Page 1 of 1

Company Name: ARCADIS

Address: 855 Route 146, STE 210
Clifton Park, NY 12065

Attention: Jeremy Wyckoff

Project Location: S. OTSELIC, NY

Sampled By: J. Wyckoff

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 DOC EQUIS
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

| Con-Test Lab ID (laboratory use only) | Client Sample ID / Description | Collection Beginning Date/Time | Collection Ending Date/Time | Composite | Grab | *Matrix Code | Conc Code | # of Containers | ** Preservation | ***Container Code | Dissolved Metals: ○ Field Filtered ○ Lab to Filter |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | RW-1 | 5/22/14 | 1400 | | X | GW | M | 2 | H | V | X |
| 02 | RW-2 | ↓ | 1405 | | X | ↓ | M | 2 | H | V | X |
| 03 | EFF 46 HZ | | 1410 | | X | ↓ | L | 2 | H | V | X |
| 04 | Trip Blank | ↓ | – | | X | – | – | 2 | H | V | X |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

ANALYSIS REQUESTED

624

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

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

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

Comments:

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

H - High; M - Medium; L - Low; C - Clean; U - Unknown

| Relinquished by: (signature) | Date/Time: 5/22/14 1500 |
|---|---|
| Received by: (signature) | Date/Time: 5.23.14 |
| Relinquished by: (signature) | Date/Time: 3.5 9:34 |
| Received by: (signature) | Date/Time: |

**Turnaround** ††
☐ 7-Day
☑ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

**Detection Limit Requirements**
Massachusetts:
Connecticut:
Other: NYSDEC

**Is your project MCP or RCP ?**
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME 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 BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

FedEx

# 803029861254

Ship (P/U) date :
**Thur 5/22/2014 4:41 pm**
CLI US

**Delivered**
*Signed for by: P BLAKE*

Actual delivery :
**Fri 5/23/2014 9:34 am**
MA US

## Travel History

| Date/Time | Activity | Location |
|---|---|---|
| - 5/23/2014 - Friday | | |
| 9:34 am | Delivered | MA |
| 8:12 am | On FedEx vehicle for delivery | WINDSOR LOCKS, CT |
| 7:49 am | At local FedEx facility | WINDSOR LOCKS, CT |
| 2:10 am | Departed FedEx location | NEWARK, NJ |
| 12:49 am | In transit | NEWARK, NJ |
| 12:06 am | Arrived at FedEx location | NEWARK, NJ |
| - 5/22/2014 - Thursday | | |
| 7:21 pm | Left FedEx origin facility | BINGHAMTON, NY |
| 4:41 pm | Picked up | BINGHAMTON, NY |

Local Scan Time

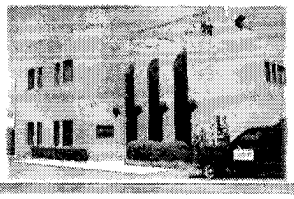
## Shipment Facts

| | | | |
|---|---|---|---|
| **Tracking number** | 803029861254 | **Service** | FedEx Priority Overnight |
| **Weight** | 11 lbs | **Delivered To** | Receptionist/Front Desk |
| **Total pieces** | 1 | **Total shipment weight** | 11 lbs / 4.99 kgs |
| **Shipper reference** | 00266406 0000 | **Packaging** | Your Packaging |
| **Special handling section** | Deliver Weekday | | |

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

con-test® ANALYTICAL LABORATORY





# Sample Receipt Checklist

**CLIENT NAME:** Arcadis **RECEIVED BY:** PB **DATE:** 5.23.14

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

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

If not, explain:

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

If not, explain:

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

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

**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 3.5

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

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

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

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

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

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

## Containers received at Con-Test

| | # of containers | | # of containers |
|---|---|---|---|
| 1 Liter Amber | | 8 oz amber/clear jar | |
| 500 mL Amber | | 4 oz amber/clear jar | |
| 250 mL Amber (8oz amber) | | 2 oz amber/clear jar | |
| 1 Liter Plastic | | Plastic Bag / Ziploc | |
| 500 mL Plastic | | SOC Kit | |
| 250 mL plastic | | Non-ConTest Container | |
| 40 mL Vial - type listed below | 12 | Perchlorate Kit | |
| Colisure / bacteria bottle | | Flashpoint bottle | |
| Dissolved Oxygen bottle | | Other glass jar | |
| Encore | | Other | |

Laboratory Comments:

40 mL vials: # HCl 12 # Methanol _____

# Bisulfate _____ # DI Water _____

# Thiosulfate _____ Unpreserved

**Time and Date Frozen:**

**Login Sample Receipt Checklist**

**(Rejection Criteria Listing - Using Sample Acceptance Policy)**

**Any False statement will be brought to the attention of Client**

| Question | Answer (True/False) T/F/NA | Comment |
|---|---|---|
| 1) The cooler's custody seal, if present, is intact. | 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. | ~~N~~ T | |
| 18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs. | T | |
| 19) Trip blanks provided if applicable. | T | |
| 20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter. | T | |
| 21) Samples do not require splitting or compositing. | T | |

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

**Doc #277 Rev. 4 August 2013** **Log-In Technician Initials:** PB **Date/Time:** 5.23.14 9:34

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

July 7, 2014

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: 14F1222

Enclosed are results of analyses for samples received by the laboratory on June 26, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Aaron L. Benoit
Project Manager

# Table of Contents

con-test® ANALYTICAL LABORATORY

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

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

REPORT DATE: 7/7/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 00266406.0000

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 14F1222

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 | 14F1222-01 | Ground Water | | EPA 624 | |
| RW-2 | 14F1222-02 | Ground Water | | EPA 624 | |
| EFF46HZ | 14F1222-03 | Ground Water | | EPA 624 | |
| Trip Blank | 14F1222-04 | Trip Blank Water | | EPA 624 | |

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

**CASE NARRATIVE SUMMARY**

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

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

Michael A. Erickson
Laboratory Director

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 14F1222

Date Received: 6/26/2014

**Field Sample #: RW-1** | Sampled: 6/25/2014 10:50

**Sample ID: 14F1222-01**

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 | 0.079 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 1,2-Dichloroethane | ND | 5.0 | 0.19 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 1,1-Dichloroethane | 1.6 | 2.0 | 0.16 | µg/L | 1 | J | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 1,1-Dichloroethylene | 0.92 | 2.0 | 0.21 | µg/L | 1 | J | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 1,1,1-Trichloroethane | 43 | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:26 | EEH |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98.8 | 70-130 | | 7/1/14 10:26 |
| Toluene-d8 | 99.2 | 70-130 | | 7/1/14 10:26 |
| 4-Bromofluorobenzene | 97.4 | 70-130 | | 7/1/14 10:26 |

con-test® ANALYTICAL LABORATORY
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Project Location: South Otselic, NY | Sample Description: | Work Order: 14F1222

Date Received: 6/26/2014

**Field Sample #: RW-2** | Sampled: 6/25/2014 10:55

**Sample ID: 14F1222-02**

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 | 0.079 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 1,2-Dichloroethane | ND | 5.0 | 0.19 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 1,1-Dichloroethane | 0.81 | 2.0 | 0.16 | µg/L | 1 | J | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 1,1-Dichloroethylene | 0.62 | 2.0 | 0.21 | µg/L | 1 | J | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 1,1,1-Trichloroethane | 38 | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:53 | EEH |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | 70-130 | | 7/1/14 10:53 |
| Toluene-d8 | 98.6 | 70-130 | | 7/1/14 10:53 |
| 4-Bromofluorobenzene | 97.7 | 70-130 | | 7/1/14 10:53 |

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 14F1222

Date Received: 6/26/2014

**Field Sample #: EFF46HZ** | Sampled: 6/25/2014 11:00

**Sample ID: 14F1222-03**

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 | 0.079 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 1,2-Dichloroethane | ND | 5.0 | 0.19 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 1,1-Dichloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 1,1-Dichloroethylene | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 1,1,1-Trichloroethane | ND | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 10:00 | EEH |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 101 | 70-130 | | 7/1/14 10:00 |
| Toluene-d8 | 99.4 | 70-130 | | 7/1/14 10:00 |
| 4-Bromofluorobenzene | 96.6 | 70-130 | | 7/1/14 10:00 |

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

Project Location: South Otselic, NY | Sample Description: | Work Order: 14F1222

Date Received: 6/26/2014

**Field Sample #: Trip Blank** | Sampled: 6/25/2014 00:00

**Sample ID: 14F1222-04**

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 | 0.079 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Bromodichloromethane | ND | 2.0 | 0.088 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Bromoform | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Bromomethane | ND | 2.0 | 0.94 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Carbon Tetrachloride | ND | 2.0 | 0.10 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Chlorobenzene | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Chlorodibromomethane | ND | 2.0 | 0.054 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Chloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 2-Chloroethyl Vinyl Ether | ND | 10 | 2.2 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Chloromethane | ND | 2.0 | 0.32 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 1,2-Dichlorobenzene | ND | 2.0 | 0.076 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 1,3-Dichlorobenzene | ND | 2.0 | 0.079 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 1,4-Dichlorobenzene | ND | 2.0 | 0.046 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 1,2-Dichloroethane | ND | 5.0 | 0.19 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 1,1-Dichloroethane | ND | 2.0 | 0.16 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 1,1-Dichloroethylene | ND | 2.0 | 0.21 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| trans-1,2-Dichloroethylene | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 1,2-Dichloropropane | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| cis-1,3-Dichloropropene | ND | 2.0 | 0.062 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| trans-1,3-Dichloropropene | ND | 2.0 | 0.056 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Ethylbenzene | ND | 2.0 | 0.092 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | 0.090 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Methylene Chloride | ND | 5.0 | 3.2 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Tetrachloroethylene | ND | 2.0 | 0.080 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Toluene | ND | 1.0 | 0.090 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 1,1,1-Trichloroethane | ND | 2.0 | 0.094 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| 1,1,2-Trichloroethane | ND | 2.0 | 0.12 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Trichloroethylene | ND | 2.0 | 0.077 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.15 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| Vinyl Chloride | ND | 2.0 | 0.13 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| m+p Xylene | ND | 2.0 | 0.18 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |
| o-Xylene | ND | 2.0 | 0.11 | µg/L | 1 | | EPA 624 | 6/27/14 | 7/1/14 9:33 | EEH |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 101 | 70-130 | | 7/1/14 9:33 |
| Toluene-d8 | 100 | 70-130 | | 7/1/14 9:33 |
| 4-Bromofluorobenzene | 97.3 | 70-130 | | 7/1/14 9:33 |

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

## Sample Extraction Data

**Prep Method: SW-846 5030B-EPA 624**

| Lab Number [Field ID] | Batch | Initial [mL] | Final [mL] | Date |
|---|---|---|---|---|
| 14F1222-01 [RW-1] | B098918 | 5 | 5.00 | 06/27/14 |
| 14F1222-02 [RW-2] | B098918 | 5 | 5.00 | 06/27/14 |
| 14F1222-03 [EFF46HZ] | B098918 | 5 | 5.00 | 06/27/14 |
| 14F1222-04 [Trip Blank] | B098918 | 5 | 5.00 | 06/27/14 |

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

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B098918 - SW-846 5030B** | | | | | | | | | | |
| **Blank (B098918-BLK1)** | | | | Prepared: 06/27/14 Analyzed: 07/01/14 | | | | | | |
| 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 | 5.0 | µg/L | | | | | | | |
| 1,1-Dichloroethane | ND | 2.0 | µg/L | | | | | | | |
| 1,1-Dichloroethylene | ND | 2.0 | µg/L | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 2.0 | µg/L | | | | | | | |
| 1,2-Dichloropropane | ND | 2.0 | µg/L | | | | | | | |
| cis-1,3-Dichloropropene | ND | 2.0 | µg/L | | | | | | | |
| trans-1,3-Dichloropropene | ND | 2.0 | µg/L | | | | | | | |
| Ethylbenzene | ND | 2.0 | µg/L | | | | | | | |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.0 | µg/L | | | | | | | |
| Methylene Chloride | ND | 5.0 | µg/L | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | µg/L | | | | | | | |
| Tetrachloroethylene | ND | 2.0 | µg/L | | | | | | | |
| Toluene | ND | 1.0 | µg/L | | | | | | | |
| 1,1,1-Trichloroethane | ND | 2.0 | µg/L | | | | | | | |
| 1,1,2-Trichloroethane | ND | 2.0 | µg/L | | | | | | | |
| Trichloroethylene | ND | 2.0 | µg/L | | | | | | | |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | µg/L | | | | | | | |
| Vinyl Chloride | ND | 2.0 | µg/L | | | | | | | |
| m+p Xylene | ND | 2.0 | µg/L | | | | | | | |
| o-Xylene | ND | 2.0 | µg/L | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | *24.4* | | µg/L | 25.0 | | 97.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | *24.6* | | µg/L | 25.0 | | 98.6 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | *24.4* | | µg/L | 25.0 | | 97.6 | 70-130 | | | |
| **LCS (B098918-BS1)** | | | | Prepared: 06/27/14 Analyzed: 06/30/14 | | | | | | |
| Benzene | 10.8 | 1.0 | µg/L | 10.0 | | 108 | 37-151 | | | |
| Bromodichloromethane | 10.1 | 2.0 | µg/L | 10.0 | | 101 | 35-155 | | | |
| Bromoform | 11.7 | 2.0 | µg/L | 10.0 | | 117 | 45-169 | | | |
| Bromomethane | 8.93 | 2.0 | µg/L | 10.0 | | 89.3 | 20-242 | | | |
| Carbon Tetrachloride | 11.0 | 2.0 | µg/L | 10.0 | | 110 | 70-140 | | | |
| Chlorobenzene | 9.65 | 2.0 | µg/L | 10.0 | | 96.5 | 37-160 | | | |
| Chlorodibromomethane | 9.75 | 2.0 | µg/L | 10.0 | | 97.5 | 53-149 | | | |
| Chloroethane | 10.4 | 2.0 | µg/L | 10.0 | | 104 | 70-130 | | | |
| 2-Chloroethyl Vinyl Ether | 99.4 | 10 | µg/L | 100 | | 99.4 | 10-305 | | | |
| Chloroform | 9.98 | 2.0 | µg/L | 10.0 | | 99.8 | 51-138 | | | |
| Chloromethane | 10.2 | 2.0 | µg/L | 10.0 | | 102 | 20-273 | | | |
| 1,2-Dichlorobenzene | 9.65 | 2.0 | µg/L | 10.0 | | 96.5 | 18-190 | | | |
| 1,3-Dichlorobenzene | 9.50 | 2.0 | µg/L | 10.0 | | 95.0 | 59-156 | | | |

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

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B098918 - SW-846 5030B** | | | | | | | | | | |
| **LCS (B098918-BS1)** | | | | Prepared: 06/27/14 Analyzed: 06/30/14 | | | | | | |
| 1,4-Dichlorobenzene | 9.48 | 2.0 | µg/L | 10.0 | | 94.8 | 18-190 | | | |
| 1,2-Dichloroethane | 9.76 | 5.0 | µg/L | 10.0 | | 97.6 | 49-155 | | | |
| 1,1-Dichloroethane | 10.7 | 2.0 | µg/L | 10.0 | | 107 | 59-155 | | | |
| 1,1-Dichloroethylene | 8.86 | 2.0 | µg/L | 10.0 | | 88.6 | 20-234 | | | |
| trans-1,2-Dichloroethylene | 10.6 | 2.0 | µg/L | 10.0 | | 106 | 54-156 | | | |
| 1,2-Dichloropropane | 9.75 | 2.0 | µg/L | 10.0 | | 97.5 | 20-210 | | | |
| cis-1,3-Dichloropropene | 10.2 | 2.0 | µg/L | 10.0 | | 102 | 20-227 | | | |
| trans-1,3-Dichloropropene | 10.2 | 2.0 | µg/L | 10.0 | | 102 | 17-183 | | | |
| Ethylbenzene | 9.77 | 2.0 | µg/L | 10.0 | | 97.7 | 37-162 | | | |
| Methyl tert-Butyl Ether (MTBE) | 10.7 | 2.0 | µg/L | 10.0 | | 107 | 70-130 | | | |
| Methylene Chloride | 9.37 | 5.0 | µg/L | 10.0 | | 93.7 | 50-221 | | | |
| 1,1,2,2-Tetrachloroethane | 10.4 | 2.0 | µg/L | 10.0 | | 104 | 46-157 | | | |
| Tetrachloroethylene | 9.87 | 2.0 | µg/L | 10.0 | | 98.7 | 64-148 | | | |
| Toluene | 9.60 | 1.0 | µg/L | 10.0 | | 96.0 | 47-150 | | | |
| 1,1,1-Trichloroethane | 10.6 | 2.0 | µg/L | 10.0 | | 106 | 52-162 | | | |
| 1,1,2-Trichloroethane | 10.3 | 2.0 | µg/L | 10.0 | | 103 | 52-150 | | | |
| Trichloroethylene | 10.4 | 2.0 | µg/L | 10.0 | | 104 | 71-157 | | | |
| Trichlorofluoromethane (Freon 11) | 10.6 | 2.0 | µg/L | 10.0 | | 106 | 17-181 | | | |
| Vinyl Chloride | 11.0 | 2.0 | µg/L | 10.0 | | 110 | 20-251 | | | |
| m+p Xylene | 19.0 | 2.0 | µg/L | 20.0 | | 95.2 | 70-130 | | | |
| o-Xylene | 9.62 | 2.0 | µg/L | 10.0 | | 96.2 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | *25.0* | | µg/L | 25.0 | | 99.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | *24.7* | | µg/L | 25.0 | | 98.7 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | *24.1* | | µg/L | 25.0 | | 96.2 | 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 |
| | Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded. |
| | No results have been blank subtracted unless specified in the case narrative section. |
| J | Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag). |

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**CERTIFICATIONS**

**Certified Analyses included in this Report**

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

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

| Code | Description | Number | Expires |
|---|---|---|---|
| AIHA | AIHA-LAP, LLC | 100033 | 02/1/2016 |
| MA | Massachusetts DEP | M-MA100 | 06/30/2015 |
| CT | Connecticut Department of Publilc Health | PH-0567 | 09/30/2015 |
| NY | New York State Department of Health | 10899 NELAP | 04/1/2015 |
| NH-S | New Hampshire Environmental Lab | 2516 NELAP | 02/5/2015 |
| RI | Rhode Island Department of Health | LAO00112 | 12/30/2014 |
| NC | North Carolina Div. of Water Quality | 652 | 12/31/2014 |
| NJ | New Jersey DEP | MA007 NELAP | 06/30/2015 |
| FL | Florida Department of Health | E871027 NELAP | 06/30/2015 |
| VT | Vermont Department of Health Lead Laboratory | LL015036 | 07/30/2015 |
| WA | State of Washington Department of Ecology | C2065 | 02/23/2015 |
| ME | State of Maine | 2011028 | 06/9/2015 |
| VA | Commonwealth of Virginia | 460217 | 12/14/2014 |
| NH-P | New Hampshire Environmental Lab | 2557 NELAP | 09/6/2014 |

con-test ANALYTICAL LABORATORY
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www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

# CHAIN OF CUSTODY RECORD

14F1222

Rev 04.05.12



Company Name: ARCADIS
Address: 855 Route 146, STE 210
Clifton Park, NY 12065
Attention: Jeremy Wyckoff
Project Location: S. Otselic, NY
Sampled By: J. WYCKOFF

Telephone: 518-250-7300
Project # 00266406.6000
Client PO#

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

**DATA DELIVERY** (check all that apply)
○ FAX ● EMAIL ○ WEBSITE
Fax # _____
Email: jeremy.wyckoff@arcadis-us.com
Format: ● PDF ● EXCEL ○ GIS
● OTHER NYSDEC EQUIS
○ "Enhanced Data Package"

| Con-Test Lab ID (laboratory use only) | Client Sample ID / Description | Collection Beginning Date/Time | Collection Ending Date/Time | Composite | Grab | *Matrix Code | Conc Code | # of Containers | ** Preservation | ***Container Co | Dissolved Meta: Field Filtered / Lab to Filter | ANALYSIS REQUESTED 624 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -01 | RW-1 | 6/25/14 | 1050 | | X | GW | M | 12 | H | V | | X |
| -02 | RW-2 | 6/25/14 | 1055 | | X | GW | M | | | | | X |
| -03 | EFF-46+B | 6/25/14 | 1100 | | X | GW | L | | | | | X |
| -04 | TRIP BLANK | 6/25/14 | — | — | — | — | — | | | | | X |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

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

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

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulf
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____

| | Date/Time |
|---|---|
| Relinquished by: (signature) | 6/25/14 1600 |
| Received by: (signature) 5.0 | 6/26/14 10:03 |
| Relinquished by: (signature) | |
| Received by: (signature) | |

**Turnaround** ††
☐ 7-Day
☒ 10-Day
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

**Detection Limit Requirements**
Massachusetts:
Connecticut:
Other: NYSDEP SDT B

**Is your project MCP or RCP ?**
○ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME 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 BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

FedEx

## 805045360070

Ship (P/U) date:
**Wed 6/25/2014 2:59 pm**
CLI US

**Delivered**
*Signed for by: F WILSON*

Actual delivery:
**Thur 6/26/2014 10:03 am**
MA US

## Travel History

| Date/Time | Activity | Location |
|---|---|---|
| - 6/26/2014 - Thursday | | |
| 10:03 am | Delivered | MA |
| 8:19 am | On FedEx vehicle for delivery | WINDSOR LOCKS, CT |
| 7:03 am | At local FedEx facility | WINDSOR LOCKS, CT |
| 3:15 am | Departed FedEx location | NEWARK, NJ |
| - 6/25/2014 - Wednesday | | |
| 11:35 pm | Arrived at FedEx location | NEWARK, NJ |
| 2:59 pm | Picked up | BINGHAMTON, NY |

Local Scan Time

## Shipment Facts

| | | | |
|---|---|---|---|
| **Tracking number** | 805045360070 | **Service** | FedEx Priority Overnight |
| **Weight** | 10 lbs | **Delivered To** | Receptionist/Front Desk |
| **Total pieces** | 1 | **Total shipment weight** | 10 lbs / 4.54 kgs |
| **Shipper reference** | 0026640 60000 | **Packaging** | Your Packaging |
| **Special handling section** | Deliver Weekday | | |

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

con-test® ANALYTICAL LABORATORY



# Sample Receipt Checklist

CLIENT NAME: Arcadis RECEIVED BY: CEC DATE: 6/26/14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included
2) **Does the chain agree with the samples?** (Yes) No
If not, explain:
3) **Are all the samples in good condition?** (Yes) No
If not, explain:
4) **How were the samples received:**
On Ice ☑ 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 5.0°
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:** 19

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

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

## Containers received at Con-Test

| | # of containers | | # of containers |
|---|---|---|---|
| 1 Liter Amber | | 8 oz amber/clear jar | |
| 500 mL Amber | | 4 oz amber/clear jar | |
| 250 mL Amber (8oz amber) | | 2 oz amber/clear jar | |
| 1 Liter Plastic | | Plastic Bag / Ziploc | |
| 500 mL Plastic | | SOC Kit | |
| 250 mL plastic | | Non-ConTest Container | |
| 40 mL Vial - type listed below | 12 | Perchlorate Kit | |
| Colisure / bacteria bottle | | Flashpoint bottle | |
| Dissolved Oxygen bottle | | Other glass jar | |
| Encore | | Other | |

Laboratory Comments:

40 mL vials: # HCl 12 # Methanol _____
# Bisulfate _____ # DI Water _____
# Thiosulfate _____ Unpreserved

Time and Date Frozen:

**Login Sample Receipt Checklist**

**(Rejection Criteria Listing - Using Sample Acceptance Policy)**

**Any False statement will be brought to the attention of Client**

| Question | Answer (True/False) T/F/NA | Comment |
|---|---|---|
| 1) The cooler's custody seal, if present, is intact. | T | |
| 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. | NA | |
| 17) No headspace sample bottles are completely filled. | T | |
| 18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs. | T | |
| 19) Trip blanks provided if applicable. | T | |
| 20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter. | T | |
| 21) Samples do not require splitting or compositing. | T | |

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

**Log-In Technician Initials:** CEC **Date/Time:** 6/26/14 1003