

APPENDIX D
WELL PURGE & SAMPLING LOGS

**2020 NYSDEC
REMEDIAL INVESTIGATION**

WELL SAMPLING - LOW FLOW LOG



TASK : **Groundwater Monitoring & Sampling**

PSID

853349

| | | | |
|----------------------------------|--|------------------|------------------|
| Project Name: | NYSDEC/Bufalo/NY/TonawandaSt/31-Off-Site | Date: | 11/4/20 |
| Project Address: | 31 Tonawanda Street, Buffalo, NY | Sampler(s): | Peter Zaffram |
| Project #/Phase/Task/Org: | 0901816//1109 | Sampling Method: | Peristaltic Pump |

Well ID: 1675-MW-1
 Well Diameter: 2"
 Initial Depth to Water (ft): 5.11
 Depth to Bottom (ft): _____

Pump Type/Model: Peristaltic Pump
 Water Quality Meter Model/SN: YSI Pro DSS
 Date Meter Calibrated: _____

| Well Volume Purged (Gallons) | Clock Time (24 Hour) | Depth to Water (ft) | Purge Rate (ml/min) | Cumulative Volume Purged (Gallons) | Temp. (°C) | Spec. Cond. (uS/cm or umhos/cm) | pH | ORP/Eh (mV) | DO (mg/L) | Turbidity (NTU) | Comments (Clear/Turbid, Sheen, Color, Well Dry) |
|------------------------------|----------------------|---------------------|---------------------|------------------------------------|------------|---------------------------------|------|-------------|-----------|-----------------|---|
| Not Recorded | 8:35 | 5.22 | | Not Recorded | 15.1 | 3.877 | 6.50 | -141.5 | 0.12 | 11.23 | Clear, no odor |
| Not Recorded | 8:55 | 5.25 | | Not Recorded | 14.6 | 4.107 | 6.51 | -153.3 | 0.03 | 235.0 | Clear, no odor |
| 5 | 9:15 | 5.30 | | 5 | 14.8 | 4.258 | 6.51 | -140.4 | 0.00 | 233.0 | Clear, no odor |
| Not Recorded | 9:25 | 5.30 | | Not Recorded | 14.8 | 4.168 | 6.51 | -136.0 | -0.02 | 200.0 | Clear, no odor |
| Not Recorded | 9:35 | 5.30 | | Not Recorded | 14.7 | 4.167 | 6.51 | -135.4 | -0.03 | 180.0 | Clear, no odor |
| | | | | | | | | | | | |

Comments: Start time: 08:20
Sample time: 09:40

WELL SAMPLING - LOW FLOW LOG



TASK : **Groundwater Monitoring & Sampling**

PSID

853349

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|----------------------------------|---|------------------|------------------|
| Project Name: | NYSDEC/Buffalo/NY/TonawandaSt/31-Off-Site | Date: | 11/4/20 |
| Project Address: | 31 Tonawanda Street, Buffalo, NY | Sampler(s): | Peter Zaffram |
| Project #/Phase/Task/Org: | 0901816//1109 | Sampling Method: | Peristaltic Pump |

Well ID: 1675-MW-2
 Well Diameter: 2"
 Initial Depth to Water (ft): 3.61
 Depth to Bottom (ft): _____

Pump Type/Model: Peristaltic Pump
 Water Quality Meter Model/SN: YSI Pro DSS
 Date Meter Calibrated: _____

| Well Volume Purged (Gallons) | Clock Time (24 Hour) | Depth to Water (ft) | Purge Rate (ml/min) | Cumulative Volume Purged (Gallons) | Temp. (°C) | Spec. Cond. (uS/cm or umhos/cm) | pH | ORP/Eh (mV) | DO (mg/L) | Turbidity (NTU) | Comments (Clear/Turbid, Sheen, Color, Well Dry) |
|------------------------------|----------------------|---------------------|---------------------|------------------------------------|------------|---------------------------------|------|-------------|-----------|-----------------|---|
| 2.5 | 10:10 | 3.62 | | 2.5 | 17.4 | 1.054 | 6.78 | -38.5 | 0.16 | 5.92 | Clear, no odor |
| Not Recorded | 10:20 | 3.62 | | Not Recorded | 17.4 | 1.052 | 6.74 | -43.4 | 0.13 | 9.71 | Clear, no odor |
| 4 | 10:30 | 3.62 | | 4 | 17.4 | 1.040 | 6.70 | -45.1 | 0.12 | 1.89 | Clear, no odor |
| 5 | 10:40 | 3.62 | | 5 | 17.5 | 1.034 | 6.69 | -45.0 | 0.08 | 0.87 | Clear, no odor |
| 6.5 | 10:50 | 3.62 | | 6.5 | 17.5 | 1.032 | 6.68 | -44.1 | 0.07 | 0.56 | Clear, no odor |
| | | | | | | | | | | | |

Comments: Start time: 09:55
Sample time: 10:55

WELL SAMPLING - LOW FLOW LOG


 TASK : **Groundwater Monitoring & Sampling**

PSID

853349

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|----------------------------------|--|------------------|------------------|
| Project Name: | NYSDEC/Bufalo/NY/TonawandaSt/31-Off-Site | Date: | 11/5/20 |
| Project Address: | 31 Tonawanda Street, Buffalo, NY | Sampler(s): | Peter Zaffram |
| Project #/Phase/Task/Org: | 0901816//1109 | Sampling Method: | Peristaltic Pump |

 Well ID: MW-103
 Well Diameter: 2"
 Initial Depth to Water (ft): 4.78
 Depth to Bottom (ft):

 Pump Type/Model: Peristaltic Pump
 Water Quality Meter Model/SN: YSI Pro DSS
 Date Meter Calibrated:

| Well Volume Purged (Gallons) | Clock Time (24 Hour) | Depth to Water (ft) | Purge Rate (ml/min) | Cumulative Volume Purged (Gallons) | Temp. (°C) | Spec. Cond. (uS/cm or umhos/cm) | pH | ORP/Eh (mV) | DO (mg/L) | Turbidity (NTU) | Comments (Clear/Turbid, Sheen, Color, Well Dry) |
|------------------------------|----------------------|---------------------|---------------------|------------------------------------|------------|---------------------------------|------|-------------|-----------|-----------------|---|
| Not Recorded | 12:40 | 4.81 | | | 17.1 | 0.835 | 8.43 | -264.2 | 2.28 | 4.41 | Clear |
| Not Recorded | 12:50 | 4.81 | | | 17.0 | 0.805 | 8.38 | -281.4 | 2.16 | 9.4 | Clear |
| Not Recorded | 13:00 | 4.81 | | | 17.1 | 0.799 | 8.36 | -280.0 | 2.12 | 7.0 | Clear |
| Not Recorded | 13:10 | 4.81 | | | 17.0 | 0.804 | 8.26 | -287.0 | 2.02 | 15.0 | Clear |
| Not Recorded | 13:20 | 4.81 | | | 17.0 | 0.805 | 8.22 | -282.0 | 2.01 | 171.0 | Clear |
| Not Recorded | 13:30 | 4.82 | | Approx 5 | 17.0 | 0.811 | 8.17 | -275 | 2.00 | 171.0 | Clear |
| Not Recorded | 13:40 | 4.82 | | | 17.0 | 0.810 | 8.12 | -265 | 1.98 | 99.0 | Slight odor |
| Not Recorded | 13:50 | 4.81 | | | 17.0 | 0.815 | 8.09 | -263.4 | 1.98 | 110.0 | Slight odor |
| Not Recorded | 13:55 | 4.82 | | | 16.9 | 0.811 | 8.05 | -257 | 1.98 | 140.0 | Slight odor |
| Not Recorded | 14:00 | 4.82 | | Approx 7 | 16.8 | 0.813 | 8.03 | -258.0 | 1.99 | 147.0 | Slight odor |

 Comments: **Start time: 12:35**
Sample time: 14:05

