

**VIA ELECTRONIC MAIL**

September 10, 2019

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**RE: Monthly Progress Report – August 2019  
Taconic Site (Site No. 442047)  
Petersburgh, New York**

Dear Madam;

Pursuant to Section XIII of Appendix A of the Order on Consent and Administrative Settlement for the Tonoga Inc. d/b/a Taconic facility in Petersburgh, New York, the Monthly Progress Report is attached. Please feel free to contact me at 518.658.3202 x328 or at [jeffm@4taconic.com](mailto:jeffm@4taconic.com) if you have any questions.

Sincerely,



A. Jeffrey Mirarchi, P.E.  
Project Engineer

cc: Jason Johnson, NYSDEC  
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**MONTHLY PROGRESS REPORT  
TACONIC FACILITY (NYSDEC SITE NO. 442047)  
PETERSBURGH, NEW YORK  
August 2019**

**Actions Taken to Comply with the Settlement Agreement During Previous Month (August):**

- Preparation of the Interim Investigation Deliverable as described in Section 6.2 of the RI/FS Work Plan continued in August 2019 and is due to the NYSDEC within 60-days of receiving the final analytical data package from the Phase 1 work. This activity also involves identification of data gaps in the Phase 1 of the RI and evaluation of additional investigations in Phase 2 of the RI.
- The third round of the periodic (quarterly) surface water sampling was completed on August 22, 2019. The final round is planned for October 2019.
- The status of the point-of-entry treatment (POET) system and non-POET location monitoring is provided in the attached tables.

**Plans, Reports, and Other Deliverables Required by the Settlement Agreement Completed and Submitted in the Previous Month (August):**

None

**Results of Sampling, Tests and Any Other Data Received or Generated by or on behalf of Respondent During the Previous Month (August):**

- Analytical results were received in August 2019 for filtered groundwater samples collected in May 2019. This data will be uploaded to the NYSDEC once validated by the third-party data validator.
- Analytical results received from Eurofins Lancaster Labs Environmental (ELLE) during the month for per- and polyfluoroalkyl substances (PFAS) for the POET systems and annual raw only properties were submitted to NYSDEC under separate cover on August 14, 15, 16, and 23, 2019. POET analytical results EDDs were submitted to NYSDEC on August 16, and 23, 2019, and successfully uploaded.

**Activities Undertaken in Support of the Citizen Participation Plan (CPP) During Previous Month (August):**

- None.

**Actions, Plans and Data Scheduled for the Next Month (September):**

- The borehole geophysical investigations described in Section 2.4.2 of the RI/FS Work Plan was performed on a new production well on September 5, 2019. Discrete interval groundwater sampling and hydraulic conductivity testing of this well is planned for September 2019.
- Analytical results are scheduled to be received from Eurofins for PFAS for the installed POET systems and raw water only locations with no POET systems.
- Alpha will continue sampling of the installed POET systems and raw water only locations with no POET systems.
- WEL-DUN will continue to provide installation and maintenance services of POET systems.
- Installation of POET system(s) not yet completed at locations included in Exhibit C of the Settlement Agreement will continue if accepted by the homeowners.

**Activities in Support of the Citizen Participation Plan Anticipated for the Next Month (September):**

- None.

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TACONIC FACILITY (NYSDEC SITE NO. 442047)  
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**Delays Encountered or Anticipated and Mitigation Measures:**

- None.

**Proposed or Approved Modifications (Work Scope and/or Schedule):**

- As discussed with the NYSDEC on September 3, 2019, for the recently installed production well, a packer system described in Section 6.5 of the Field Sampling Plan will be used to perform the depth-discrete groundwater profiling and hydraulic conductivity testing.

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**PETERSBURGH, NEW YORK**  
**August 2019**

**Percentage of Completion and Additional Information Relating to the Progress of Work:**

<b>RI Phase 1a Tasks</b>	<b>Percent Complete</b>
Miscellaneous Sampling (USTs, Bldg 6 pipe)	100%
Underground Utility Location	100%
Surface Soil Sampling	100%
Surface Water Sampling-Initial	100%
Surface Water Sampling-Periodic (3 events)	67%
Sediment Sampling	100%
Direct Sensing-DPT	100%
Subsurface Soil Sampling-DPT	100%
Discrete Interval Groundwater Sampling-DPT	100%
Borehole Geophysical Investigations	100%
Discrete Interval Groundwater Sampling-Geophysical	67%
Shallow Bedrock Borehole Installation	100%
Discrete Interval Groundwater Sampling-Boreholes	100%
Data Validation	100%

<b>RI Phase 1b Tasks</b>	<b>Percent Complete</b>
Phase 1b Overburden Well Installation	100%
Phase 1b Overburden Well Development	100%
Phase 1b Groundwater Sampling	100%
Phase 1b Hydraulic Conductivity Testing	100%
Data Validation	75%
Phase 1 Interim RI Deliverable	33%

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**POET System Monthly Report**

<b>Raw-Only Sampling of Locations with No POET System</b>	
Total Raw-Only Locations	144
Total Raw-Only Sampled	3Q19 = 3 Completed; 3 Scheduled <ul style="list-style-type: none"> <li>• July = 1 Completed; 0 Scheduled.</li> <li>• August = 2 Completed; 1 Scheduled.</li> <li>• September = NA Completed; 2 Scheduled.</li> </ul>
Locations On Hold	11 (6 vacant locations and 5 current owners that requested no additional samples be collected and to be removed from the list.)
New POET System Installed as a result of Raw-Only Sampling	5 (0 pending)
New POET System Cleared for Use	5 (0 pending)
<b>POET Systems</b>	
<u>Updated Exhibit C POET System Installation List:</u>	
Total POET System Locations	97
Total POET Systems Installed	94 (0 pending)
POET Systems Clear for Use	94 (0 pending)
POET Systems on Hold	3 (Contacted homeowners.)
POET Installations - Exhibit C of the Settlement Agreement	96% (Will complete with homeowners acceptance)
<u>POET System O&amp;M:</u>	
Total POET System Properties Sampled this Quarter	3Q19 = 33 Completed; 61 Scheduled <ul style="list-style-type: none"> <li>• July = 22 Completed; 19 Scheduled.</li> <li>• August = 11 Completed; 22 Scheduled.</li> <li>• September = NA Completed; 20 Scheduled.</li> </ul>
GAC Tank Exchanges	4 (0 pending)
3 <sup>rd</sup> Quarter Maintenance Monitoring of the POET Systems August	80% through August 2019