

**VIA ELECTRONIC MAIL**

December 10, 2021

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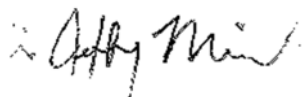
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**RE: Monthly Progress Report – November 2021  
Taconic Site (Site No. 442047)  
Petersburgh, New York**

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 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: Barbara Firebaugh, NYSDEC  
Ian Beilby, NYSDEC  
Justin Deming, NYSDOH  
Angela Martin, NYSDOH  
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Mark Moe, Taconic

**MONTHLY PROGRESS REPORT  
TACONIC FACILITY (NYSDEC SITE NO. 442047)  
PETERSBURGH, NEW YORK  
November 2021**

**Actions Taken to Comply with the Settlement Agreement During Current Month (November):**

- Work on the Part 1 of the Fish and Wildlife Impact Analysis continued.
- Work on the revised Scope of Work for the Qualitative Human Health Exposure Assessment (QHHEA) continued to address comments received by the NYSDEC on September 24, 2021
- Installation of the remaining Phase 2a groundwater monitoring wells began on October 11, 2021 and was completed on November 20, 2021.
- Soil and groundwater sampling was performed on November 11-15, 2021, completing the field work for the supplemental Building 1 RI.
- The status of the point-of-entry treatment (POET) system and non-POET locations monitoring is provided in the attached tables.

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

- None

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

- Validation of the Phase 2a analytical data is underway and EDDs will be submitted to the NYSDEC as they are completed.
- Analytical results received during the month for the POET systems and annual raw only properties were submitted to NYSDEC/NYSDOH/RCDOH on November 30, 2021. EDDs for the residential POET systems were transmitted to the NYSDEC on November 30, 2021
- Analytical results received during the month for the Town of Petersburg treatment system were submitted to NYSDEC/NYSDOH/RCDOH on November 30, 2021. EDDs for the treatment system were transmitted to the NYSDEC on November 30, 2021.

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

- None

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

- Revised Scope of Work for the QHHEA will be submitted if completed.
- Borehole geophysics on the three Phase 2a bedrock monitoring wells will be completed.
- Sampling of the Phase 2a groundwater monitoring wells will be completed.

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TACONIC FACILITY (NYSDEC SITE NO. 442047)  
PETERSBURGH, NEW YORK  
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- Pending property access agreements, surface soil sampling on off-site residential properties southeast of the Site will be completed.
- Analytical results are scheduled to be received for the installed POET systems and raw water only locations with no POET systems.
- Sampling of the installed POET systems and raw water only locations with no POET systems will continue.
- Installation and maintenance services of POET systems will continue.
- 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.
- Operation and maintenance support services for the Town of Petersburg Treatment System will continue.

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

- None

**Delays Encountered or Anticipated and Mitigation Measures:**

- None

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

- None

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

| RI Phase 2a Tasks                   | Percent Complete |
|-------------------------------------|------------------|
| Surface Geophysics                  | 100%             |
| Surface Soil Sampling               | 75%              |
| Surface Water Sampling (base flow)  | 100%             |
| Surface Water Sampling (storm flow) | 100%             |
| Sediment Sampling                   | 100%             |
| Overburden Well Installation        | 100%             |
| Bedrock Well Installation           | 100              |
| Borehole Geophysical Investigations | 50%              |
| Groundwater Sampling                | 75%              |
| Data Validation                     | 33%              |
| Phase 2a Interim RI Deliverable     | 0%               |

**MONTHLY PROGRESS REPORT  
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PETERSBURGH, NEW YORK  
November 2021**

| <b>Building 1 Area Tasks</b>            | <b>Percent Complete</b> |
|---|-------------------------|
| Stormwater Sampling                     | 100%                    |
| DPT Soil Borings/Sampling               | 100%                    |
| Temporary Monitoring Wells Installation | 100%                    |
| Groundwater Sampling                    | 100%                    |
| Data Validation                         | 0%                      |
| Building 1 Area Interim RI Deliverable  | 0%                      |

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PETERSBURGH, NEW YORK  
November 2021**

**POET System Monthly Report**

|  |   |
|--|---|
|  |   |
| Total Raw-Only Locations   | 131   |
| Total Raw-Only Sampled   | 4Q21 = 10 Completed; 21 Scheduled <ul style="list-style-type: none"> <li>• October = 10 Completed; 3 Scheduled.</li> <li>• November = 0 Completed; 10 Scheduled.</li> <li>• December = NA Completed; 8 Scheduled.</li> </ul>    |
| Locations On Hold  | 28 (17 vacant locations and 11 owners that requested no additional samples be collected and to be removed from the list.)   |
| Taconic POET System Installed as a result of Raw-Only Sampling           | 13  |
| Taconic POET System Cleared for Use                                      | 10 (3 pending)  |
| NYSDEC POET Systems installed at Owner's Request (Within AOC. Estimated) | 21  |
| <b>POET Systems</b>  |   |
| <u>Updated Exhibit C POET System Installation List:</u>                  |   |
| Total POET System Locations  | 115 (94 Exhibit C and 21 added as a result of Raw-Only data)  |
| Total POET Systems Installed   | 106   |
| POET Systems Clear for Use   | 103   |
| POET Systems on Hold   | 9 (Contacted homeowners.)   |
| POET Installations - Exhibit C of the Settlement Agreement               | 99% (Will complete with homeowners' acceptance)   |
| <b>POET System O&amp;M:</b>  |   |
| Total POET System Properties Sampled this Quarter                        | 4Q21 = 24 Completed; 64 Scheduled <ul style="list-style-type: none"> <li>• October = 14 Completed; 24 Scheduled.</li> <li>• November = 10 Completed; 18 Scheduled.</li> <li>• December = NA Completed; 32 Scheduled.</li> </ul> |
| GAC Tank Exchanges   | 9   |
| 4th Quarter Maintenance Monitoring of the POET Systems through November. | 38% through November 2021   |