

VIA ELECTRONIC MAIL

June 14, 2021

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**RE: Monthly Progress Report – May 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 Petersburg, New York, the Monthly Progress Report is attached. Please contact me at 518.658.3202 x328 or at 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
Lori Mason, Esq., Taconic
Mark Moe, Taconic

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

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

- Work continued on Part 1 of the Fish and Wildlife Impact Analysis, as described in the Scope of Work previously approved by the NYSDEC on April 23, 2021.
- RI field activities consisting of borehole geophysics, overburden and bedrock monitoring well sampling, and surface water sampling with co-located sediment sampling was conducted from May 10-18, 2021.
- Letters to a portion of the residential property owners on which Taconic collected soil and water samples were mailed in late May 2021. The remaining letters will be mailed early June 2021.
- 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 (May):

- None

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

- Analytical results received during the month for the POET systems and annual raw only properties were submitted to NYSDEC/NYSDOH/RCDOH on May 20, 2021.
- Analytical results received during the month for the Town of Petersburg treatment system were submitted to NYSDEC/NYSDOH/RCDOH on May 20, 2021.
- Partial Analytical results for the groundwater, surface water, and sediment samples collected in May 2021 have been received. Validation of the Phase 2a analytical data is underway and EDDs will be submitted to the NYSDEC as they are completed.

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

- None

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

- Based upon a review of the borehole geophysics work conducted in May 2021, packer sampling of three of the newly installed bedrock monitoring wells will be performed in June 2021.
- In response to discussions with the NYSDEC, Taconic is evaluating supplemental remedial investigation activities in the Building 1 area to further assess the nature and extent of contamination in this area and to refine the definition of potential off-site migration and associated impacts. A proposed work plan for these activities is under development and will be submitted to the NYSDEC for review and approval.

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- 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 (June):

- None

Delays Encountered or Anticipated and Mitigation Measures:

- None

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

- As discussed with the NYSDEC, 11 co-located sediment samples were collected at the agreed upon surface water sampling locations.

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)	50%
Sediment Sampling	100%
Overburden Well Installation	80%
Bedrock Well Installation	50%
Borehole Geophysical Investigations	50%
Groundwater Sampling	50%
Data Validation	33%
Phase 2a Interim RI Deliverable	0%

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POET System Monthly Report

Raw-Only Sampling of Locations with No POET System	
Total Raw-Only Locations	148
Total Raw-Only Sampled	2Q21 = 7 Completed; 32 Scheduled <ul style="list-style-type: none"> • April = 4 Completed; 21 Scheduled. • May = 3 Completed; 10 Scheduled. • June = NA Completed; 1 Scheduled.
Locations On Hold	21 (10 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	11
Taconic POET System Cleared for Use	7 (3 pending)
NYSDEC POET Systems installed at Owner's Request	18
POET Systems	
<u>Updated Exhibit C POET System Installation List:</u>	
Total POET System Locations	105 (94 Exhibit C and 11 added as a result of Raw-Only data)
Total POET Systems Installed	101
POET Systems Clear for Use	97
POET Systems on Hold	2 (Contacted homeowners.)
POET Installations - Exhibit C of the Settlement Agreement	96% (Will complete with homeowners' acceptance)
<u>POET System O&M:</u>	
Total POET System Properties Sampled this Quarter	2Q21 = 22 Completed; 49 Scheduled <ul style="list-style-type: none"> • April = 6 Completed; 20 Scheduled. • May = 16 Completed; 13 Scheduled. • June = NA Completed; 16 Scheduled.
GAC Tank Exchanges	9
1st Quarter Maintenance Monitoring of the POET Systems through May	45 % through May 2021