

VIA ELECTRONIC MAIL

January 8, 2021

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**RE: Monthly Progress Report – December 2020
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
December 2020**

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

- Surface water and storm water samples were collected on December 1, 2020
- Installation of overburden and bedrock monitoring was conducted between December 8-16, 2020
- Collection of surface and subsurface soil samples during monitoring well installation was conducted on December 10 and 14, 2020.
- 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 (December):

- None

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

- Analytical results received during the month for the POET systems and annual raw only properties were submitted to NYSDEC/NYSDOH/RCDOH on December 8, 2020. POET analytical results EDDs were submitted to NYSDEC on December 8, 2020.
- Analytical results received during the month for the Town of Petersburg treatment system were submitted to NYSDEC/NYSDOH/RCDOH on December 8, 2020. EDDs for the Town treatment system were submitted to NYSDEC on December 8, 2020.
- Partial laboratory analytical results for the soil and water samples collected in November and December have been received. Once validated, the EDDs will be submitted to the NYSDEC.

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

- None

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

- Installation of the Phase 2a monitoring wells will continue in January 2021.
- Depending on weather, development, and sampling of the monitoring wells will be initiated in January 2021.
- On November 2, 2020, Taconic received a list from the NYSDEC of additional properties requiring the installation of a POET system and a list of properties requiring additional sampling. This letter also requested a letter Work Plan be prepared by Taconic and submitted to the NYSDEC. Implementation of the activities requested in the NYSDEC letter will continue in January 2021.

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- Laboratory analytical results for the soil and water samples collected in November and December will be received. Once validated, the EDDs will be submitted to the NYSDEC.
- 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 (January):

- 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	100%
Surface Water Sampling (base flow)	50%
Surface Water Sampling (storm flow)	50%
Sediment Sampling	0%
Overburden Well Installation	66%
Bedrock Well Installation	0%
Borehole Geophysical Investigations	0%
Groundwater Sampling	0%
Data Validation	0%
Phase 2a Interim RI Deliverable	0%

<p align="center">MONTHLY PROGRESS REPORT TACONIC FACILITY (NYSDEC SITE NO. 442047) PETERSBURGH, NEW YORK December 2020</p>
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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	4Q20 = 18 Completed; 2 Scheduled <ul style="list-style-type: none"> • October = 5 Completed; 0 Scheduled. • November = 12 Completed; 1 Scheduled. • December = 1 Completed; 1 Scheduled.
Locations On Hold	21 (11 vacant locations and 10 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	6
Taconic POET System Cleared for Use	6
NYSDEC POET Systems installed at Owner's Request	18
POET Systems	
<u>Updated Exhibit C POET System Installation List:</u>	
Total POET System Locations	100 (94 Exhibit C and 6 added as a result of Raw-Only data)
Total POET Systems Installed	98
POET Systems Clear for Use	97 (1 pending clearance results)
POET Systems on Hold	3 (Contacted homeowners.)
POET Installations - Exhibit C of the Settlement Agreement	97% (Will complete with homeowners' acceptance)
<u>POET System O&M:</u>	
Total POET System Properties Sampled this Quarter	4Q20 = 44 Completed; 29 Scheduled <ul style="list-style-type: none"> • October = 13 Completed; 4 Scheduled. • November = 11 Completed; 10 Scheduled. • December = 20 Completed; 15 Scheduled.
GAC Tank Exchanges	9
4th Quarter Maintenance Monitoring of the POET Systems through December	151 % through December 2020