

VIA ELECTRONIC MAIL

January 14, 2022

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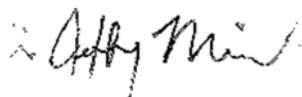
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**RE: Monthly Progress Report – December 2021
Taconic Site (Site No. 442047)
Petersburgh, New York**

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 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

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

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

- 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.
- Geophysical logging of the bedrock monitoring wells was completed on December 8-9, 2021.
- Sampling of the overburden groundwater wells and gauging of all the monitoring wells was conducted on December 20-21, 2021.
- The remaining surface soil samples were collected on December 20-21, 2021, completing the soil sampling scope for Phase 2a of the 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 (December):

- None

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

- 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 December 1 and 30, 2021. EDDs for the residential POET systems were transmitted to the NYSDEC on December 1 and 30, 2021
- Analytical results received during the month for the Town of Petersburg treatment system were submitted to NYSDEC/NYSDOH/RCDOH on December 30, 2021. EDDs for the treatment system were transmitted to the NYSDEC on December 30, 2021.

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):

- Revised Scope of Work for the QHHEA will be submitted if completed.
- Revised Fish and Wildlife Impact Analysis will be submitted if completed.

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- Packer Sampling of the Phase 2a groundwater monitoring wells was scheduled for the week of January 10, 2022. This work has been postponed as members of the field team were required to observe a COVID isolation period. This work has been tentatively rescheduled for the week of February 21, 2022.
- 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:

- Minor delay of the bedrock well packer sampling occurred related to COVID isolation protocols. The work has been rescheduled.

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

- As discussed during a conference call with the NYSDEC on January 6, 2022, wired transducers will not be used during the packer sampling to avoid the complications that could develop during the cold weather. The field team will attempt to use a logging transducer below the packer interval and will monitor water levels within and above the packed interval using a water-level meter.

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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)	100%
Surface Water Sampling (storm flow)	100%
Sediment Sampling	100%
Overburden Well Installation	100%
Bedrock Well Installation	100
Borehole Geophysical Investigations	100%
Groundwater Sampling	75%
Data Validation	33%
Phase 2a Interim RI Deliverable	0%

Building 1 Area Tasks	Percent Complete
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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POET System Monthly Report

Total Raw-Only Locations	131
Total Raw-Only Sampled	4Q21 = 17 Completed; 21 Scheduled <ul style="list-style-type: none"> • October = 10 Completed; 3 Scheduled. • November = 0 Completed; 10 Scheduled. • December = 7 Completed; 8 Scheduled.
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	13
NYSDEC POET Systems installed at Owner's Request (Within AOC. Estimated)	21
POET Systems	
<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	106
POET Systems on Hold	9 (Contacted homeowners.)
POET Installations - Exhibit C of the Settlement Agreement	99% (Will complete with homeowners' acceptance)
POET System O&M:	
Total POET System Properties Sampled this Quarter	4Q21 = 43 Completed; 64 Scheduled <ul style="list-style-type: none"> • October = 14 Completed; 24 Scheduled. • November = 10 Completed; 18 Scheduled. • December = 19 Completed; 32 Scheduled.
GAC Tank Exchanges	9
4th Quarter Maintenance Monitoring of the POET Systems through December.	67% through December 2021