

VIA ELECTRONIC MAIL

January 10, 2020

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**RE: Monthly Progress Report – December 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 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
Dawn Hettrick, NYSDOH
Lori Mason, Esq., Taconic
Mark Moe, Taconic

**MONTHLY PROGRESS REPORT
TACONIC FACILITY (NYSDEC SITE NO. 442047)
PETERSBURGH, NEW YORK
December 2019**

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

- Although not a required activity under the Consent Order, on December 26 and 27, 2019, Taconic began the closure of the underground Storage Tanks in Buildings 5 and 6. The work was conducted under NYSDEC oversight in accordance with the Change-In-Use Notification filed by Taconic on March 25, 2019.
- 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 Previous Month (December):

- None

Results of Sampling, Tests and Any Other Data Received or Generated by or on behalf of Respondent During the Previous 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 6 and 11, 2019. POET analytical results EDDs were submitted to NYSDEC on December 11, 2019.
- Analytical results received during the month for the Town of Petersburg treatment system were submitted to NYSDEC/NYSDOH/RCDOH on December 11, 2019. Town treatment system analytical result EDDs were submitted to NYSDEC on December 11, 2019.

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

- None

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

- Completion of the closure of the Underground Storage Tank (UST) in Building 6 and the UST Sump in Building 5 is tentatively planned for January 2020.
- The analytical results for the soil sample collected beneath UST 6 are scheduled to be received in January 2020.
- 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.

<p align="center">MONTHLY PROGRESS REPORT TACONIC FACILITY (NYSDEC SITE NO. 442047) PETERSBURGH, NEW YORK December 2019</p>
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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 1a Tasks	Percent Complete
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)	100%
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	100%
Shallow Bedrock Borehole Installation	100%
Discrete Interval Groundwater Sampling-Boreholes	100%
Data Validation	100%

RI Phase 1b Tasks	Percent Complete
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	99%
Phase 1 Interim RI Deliverable	100%

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TACONIC FACILITY (NYSDEC SITE NO. 442047)
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POET System Monthly Report

Raw-Only Sampling of Locations with No POET System	
Total Raw-Only Locations	144
Total Raw-Only Sampled	4Q19 = 18 Completed; 27 Scheduled <ul style="list-style-type: none"> • October = 2 Completed; 7 Scheduled. • November = 3 Completed; 11 Scheduled. • December = 13 Completed; 9 Scheduled.
Locations On Hold	10 (5 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	6
New POET System Cleared for Use	6
POET Systems	
<u>Updated Exhibit C POET System Installation List:</u>	
Total POET System Locations	98
Total POET Systems Installed	95
POET Systems Clear for Use	95
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&M:</u>	
Total POET System Properties Sampled this Quarter	4Q19 = 58 Completed; 76 Scheduled <ul style="list-style-type: none"> • October = 15 Completed; 36 Scheduled. • November = 17 Completed; 14 Scheduled. • December = 26 Completed; 26 Scheduled.
GAC Tank Exchanges	4
4th Quarter Maintenance Monitoring of the POET Systems through December	76% through December 2019