

VIA ELECTRONIC MAIL

March 10, 2020

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

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

- Although not a required activity under the Consent Order, on February 21 and 22, 2020, Taconic completed the cleaning of the underground Storage Tanks in Buildings 5. The work was conducted under NYSDEC oversight in accordance with the Change-In-Use Notification filed by Taconic on March 25, 2019. Once cleaned, the tank was filled with flowable fill on February 24, 2020. Also, on February 24, 2020, additional flowable fill was placed in the access manholes of the UST in Building 6. These activities complete the closure of the USTs in Building 5 and 6.
- On February 11, 2020, Taconic participated in a teleconference with the NYSDEC to discuss the NYSDEC's comments on the Interim Investigation Deliverable (IID), originally submitted to the NYSDEC by Taconic on November 22, 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 (February):

- On February 28, 2020, Taconic submitted a revised IID to address comments discussed with the NYSDEC on the teleconference of February 11, 2020.

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

- Analytical results received during the month for the POET systems and annual raw only properties were submitted to NYSDEC/NYSDOH/RCDOH on February 27, 2020. POET analytical results EDDs were submitted to NYSDEC on February 11, and 27, 2020.
- Analytical results received during the month for the Town of Petersburg treatment system were submitted to NYSDEC/NYSDOH/RCDOH on February 7, 2020. Town treatment system analytical results EDDs were submitted to NYSDEC on February 11, 2020.

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

- None

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

- Meeting/teleconferences with the NYSDEC are anticipated in March to finalize the planned Scope of Work for additional remedial investigation activities to be conducted in the Spring and Summer 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.

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| <p align="center">MONTHLY PROGRESS REPORT TACONIC FACILITY (NYSDEC SITE NO. 442047) PETERSBURGH, NEW YORK February 2020</p> |
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- 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 (February):

- 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% |

MONTHLY PROGRESS REPORT
TACONIC FACILITY (NYSDEC SITE NO. 442047)
PETERSBURGH, NEW YORK
February 2020

POET System Monthly Report

| Raw-Only Sampling of Locations with No POET System | |
|---|---|
| Total Raw-Only Locations | 147 |
| Total Raw-Only Sampled | 1Q20 =32 Completed; 21 Scheduled <ul style="list-style-type: none"> • January =20 Completed; 11 Scheduled. • February = 12 Completed; 6 Scheduled. • March = 0 Completed; 4 Scheduled. |
| Locations On Hold | 19 (8 vacant locations and 11 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 | 99 |
| Total POET Systems Installed | 95 |
| POET Systems Clear for Use | 95 |
| POET Systems on Hold | 4 (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 | 1Q20 = 41 Completed; 45 Scheduled <ul style="list-style-type: none"> • January = 33 Completed; 18 Scheduled. • February = 8 Completed; 9 Scheduled. • March = 0 Completed; 18 Scheduled. |
| GAC Tank Exchanges | 4 |
| 1st Quarter Maintenance Monitoring of the POET Systems through February | 151% through February 2020 |