



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

July 30, 2019

Mr. Anthony Cinque
New Jersey Department of Environmental Protection
Division of Responsible Party Site Remediation
401 East State Street, 5th Floor
P.O. Box 028
Trenton, NJ 08625-0028

**RE: Progress Report – 2nd Quarter 2019
Pompton Lakes Works Site
Pompton Lakes, New Jersey
PI#007411**

Dear Mr. Cinque:

In accordance with the Administrative Consent Order for the Pompton Lakes Works Site, enclosed for your review is the 2nd Quarter 2019 Progress Report covering activities during April 1, 2019 through June 30, 2019.

If you have any questions, please contact me at (973) 492-7733.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is written in a cursive, flowing style.

David E. Epps, P.G.
Project Director, Pompton Lakes Works
Corporate Remediation Group

cc: Perry Katz – USEPA Region II
Kevin Boyle – Borough of Pompton Lakes Borough Administrator
PLW Central File

Attachments (1)

2nd Quarter 2019 Progress Report
Pompton Lakes Works Site
Pompton Lakes, New Jersey

1.0 Activities Scheduled

Onsite Soils

- Remedial Design
 - Submit Revised CMS.

Onsite Groundwater

- Remedial Investigation
 - Complete bedrock investigation program (well installation).
- Remedial Design/Pilot Study
 - No activities planned. Surface water sampling and collection of water levels to be completed during base flow conditions during summer and will be dependent on weather conditions.
- Remedial Action
 - MW-107R
 - Collect groundwater sample for total organic carbon analysis.
 - Groundwater GWETS System:
 - Continue GWETS system operation.
 - Conduct monthly sampling of system influent and effluent.
 - Collect quarterly water level measurements from monitoring wells and piezometers.
 - Submit 1st Quarter 2019 GWETS operating/monitoring reports.

Offsite Groundwater

- Remedial Investigation
 - As verbally requested by NJDEP, install one shallow and one bedrock offsite monitoring well.
- Remedial Action
 - Vapor Intrusion:
 - Address comments, if any, on the *Revised Vapor Interim Remedial Measure Work Plan* submitted on April 7, 2017.
 - Continue implementation of the VIRMWP.
 - Hold status calls with NJDEP/USEPA, as needed.
 - Talk with residents, as needed.
 - Submit 2018-2019 VI O&M Report.

Groundwater Compliance Monitoring Program

- Address comments, if any, on the *2014 Annual Groundwater Report* submitted on February 27, 2015.
- Address comments, if any, on the *2015 Annual Groundwater Report* submitted on February 29, 2016.
- Address comments, if any, on the *2018 Annual Groundwater Report* submitted on February 28, 2019.
- Conduct semi-annual groundwater sampling event.

Pompton Lake Delta

- Address comments, if any, on the *Draft Ramapo-Pompton River Sediment Investigation Report* submitted on July 15, 2015.
- Address comments, if any, on the *Draft Long-Term Monitoring Plan* submitted on June 2, 2016.
- Conduct lake restoration activities consisting of:
 - Ongoing inspections of the restoration areas,
 - Address any areas requiring re-planting/re-seeding,
 - Repair any damaged fencing around restoration areas due to winter damage, and
 - Install piezometers for measurement of surface water during spring 2019 in accordance with NJDEP permits.
- Submit RCRA Completion Report.

Wanaque River

- Address comments, if any, on the *Response to NJDEP Comments – Wanaque River Interim Remedial Measure Data Collection Activities Report* submitted on November 9, 2015.
- Submit Draft CMS.

2.0 Activities Completed

Onsite Soils

- Remedial Design
 - Submitted Revised CMS on April 30, 2019.

Onsite Groundwater

- Remedial Investigation
 - Completed bedrock investigation program (well installation).
 - Submitted results/evaluation of PFAS sampling on May 16, 2019. This sampling was completed at the request of NJDEP.
- Remedial Design/Pilot Study
 - Collected water levels, surface water samples, and groundwater samples (summer event during base flow conditions) as outlined in correspondence to NJDEP/USEPA on March 27, 2019.
- Remedial Action
 - MW-107R
 - Collected groundwater sample for total organic carbon analysis on June 4, 2019. The concentration was 875 mg/L.
 - Groundwater GWETS System:
 - Continued GWETS system operation.
 - Conducted monthly sampling of system influent and effluent.
 - Collected quarterly water level measurements from monitoring wells and piezometers.
 - Submitted 1st Quarter 2019 GWETS operating/monitoring reports.

Offsite Groundwater

- Remedial Investigation
 - As verbally requested by NJDEP, installed one shallow and one bedrock offsite monitoring well.

- Remedial Action
 - Vapor Intrusion:
 - No comments have been received on the *Revised Vapor Interim Remedial Measure Work Plan* submitted on April 7, 2017.
 - Continued implementation of the VIRMWP.
 - Held status calls with NJDEP/USEPA and talked with residents, as needed.
 - Submitted 2018-2019 VI O&M Report on April 19, 2019.
 - Laboratory package of long-term monitoring results at three properties submitted to NJDEP on April 12, 2019.
 - Preliminary data results for long-term monitoring submitted to three property owners on April 12, 2019.
 - Collected a sub-slab soil gas sample at one property to assess the potential for vapor intrusion.
 - Completed system design at one property and obtained property owner approval of design drawing.
 - Submitted permit to the Borough of Pompton Lakes and received approval for system installation at one property.

Groundwater Compliance Monitoring Program

- No comments have been received on the *2014 Annual Groundwater Report* submitted on February 27, 2015.
- No comments have been received on the *2015 Annual Groundwater Report* submitted on February 29, 2016.
- No comments have been received on the *2018 Annual Groundwater Report* submitted on February 28, 2019.
- Conducted semi-annual groundwater sampling event.

Pompton Lake Delta

- No comments have been received to date on the *Draft Ramapo-Pompton River Sediment Investigation Report*.
- No comments have been received to date on the *Draft Long-Term Monitoring Plan*.
- Conducted lake restoration activities consisting of:
 - Ongoing inspections of the restoration areas,
 - Addressing any areas requiring re-planting/re-seeding,
 - Repairing any damaged fencing around restoration areas due to winter damage, and
 - Installing piezometers for measurement of surface water in accordance with NJDEP permits.
- Submitted Draft RCRA Construction Completion Report on May 30, 2019.
- In correspondence dated June 24, 2019, responded to observations during a NJDEP Division of Land Use and Regulations Mitigation Unit staff site visit on May 9, 2019 (transmitted in correspondence dated May 28, 2019).

Wanaque River

- No comments have been received to date on the *Response to NJDEP Comments – Wanaque River Interim Remedial Measure Data Collection Activities Report*.
- Submitted Draft CMS on April 30, 2019.

3.0 Activities Not Completed

- None.

4.0 Problems/Delays Encountered

- None.

5.0 Deviations to Approved Work Plan(s)

- None.

6.0 Revised Schedule

- None.

7.0 Status of Permit Applications

- None.

8.0 Tabulation of Data, Correspondence, and Documents

- Tabulation of Data
 - Monthly influent and effluent results are included in operational reports.
 - Vapor intrusion analytical results are submitted when received from laboratory.
 - Data tabulated, as applicable, and included in scheduled deliverables for submittal to NJDEP/USEPA.
- Tabulation of Correspondence and Documents

Submission Date	Deliverable Title
April 19, 2019	1 st Qtr. 2019 Site-wide Progress Report
April 19, 2019	1 st Qtr. 2019 GWET Operating Summary
April 19, 2019	2018-2019 VI O&M Report
April 30, 2019	Revised Draft Onsite Soils CMS
April 30, 2019	Draft Wanaque River CMS
May 16, 2019	PFAS Evaluation
May 30, 2019	Draft PLSA RCRA Construction Completion Report
June 24, 2019	Response to NJDEP Site Inspection of PLSA

9.0 Activities Scheduled for Next Reporting Period (3rd Quarter 2019)

Onsite Soils

- Remedial Design
 - Address comments, if any, on the *Revised Draft Onsite Soils Corrective Measures Study* submitted on April 30, 2019.

Onsite Groundwater

- Remedial Investigation
 - Conduct 1st round of groundwater sampling of monitoring wells installed as part of bedrock investigation program.
- Remedial Design/Pilot Study
 - No activities planned.
- Remedial Action
 - MW-107R
 - No activities planned.
 - Groundwater GWETS System:
 - Continue GWETS system operation.

- Conduct monthly sampling of system influent and effluent.
- Collect quarterly water level measurements from monitoring wells and piezometers.
- Submit 2nd Quarter 2019 GWETS operating/monitoring reports.

Offsite Groundwater

- Remedial Action
 - Vapor Intrusion:
 - Address comments, if any, on the *Revised Vapor Interim Remedial Measure Work Plan* submitted on April 7, 2017.
 - Address comments, if any, on the *2018-2019 Operation & Maintenance Report* submitted on April 19, 2019.
 - Continue implementation of the VIRMWP.
 - Hold status calls with NJDEP/USEPA, as needed.
 - Talk with residents, as needed.

Groundwater Compliance Monitoring Program

- Address comments, if any, on the *2014 Annual Groundwater Report* submitted on February 27, 2015.
- Address comments, if any, on the *2015 Annual Groundwater Report* submitted on February 29, 2016.
- Address comments, if any, on the *2018 Annual Groundwater Report* submitted on February 28, 2019.

Pompton Lake Delta

- Address comments, if any, on the *Draft Ramapo-Pompton River Sediment Investigation Report* submitted on July 15, 2015.
- Address comments, if any, on the *Draft Long-Term Monitoring Plan* submitted on June 2, 2016.
- Address comments, if any, on the *Draft PLSA Construction Completion Report* submitted on May 30, 2019.
- Conduct lake restoration activities consisting of:
 - Ongoing inspections of the restoration areas, and
 - Repair any damaged fencing around restoration areas, as needed.

Wanaque River

- Address comments, if any, on the *Response to NJDEP Comments – Wanaque River Interim Remedial Measure Data Collection Activities Report* submitted on November 9, 2015.
- Address comments, if any, of the *Draft Wanaque River Corrective Measures Study* submitted on April 30, 2019.

Schedule of Anticipated Deliverables for Site

Submission Timeline	Deliverable Type
July 31, 2019	2 nd Qtr. 2019 GWET Operating Summary
July 31, 2019	2 nd Qtr. 2019 Site-wide Progress Report

Schedule of Anticipated Field Activities for Site

Date of Activity	Field Activity Description
Jul/Aug/Sept 2019	System influent and effluent sampling
August 2019	Water level measurements
August 2019	Bedrock investigation program groundwater sampling event