



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

January 29, 2020

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

**RE: Progress Report – 4<sup>th</sup> 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 4<sup>th</sup> Quarter 2019 Progress Report covering activities during October 1, 2019 through December 31, 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)

4<sup>th</sup> Quarter 2019 Progress Report  
Pompton Lakes Works Site  
Pompton Lakes, New Jersey

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## 1.0 Activities Scheduled For 4<sup>th</sup> 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 2<sup>nd</sup> round of groundwater sampling of monitoring wells installed as part of bedrock investigation program.
- Remedial Design/Pilot Study
  - Surface water sampling and collection of water levels to be completed during base flow conditions during winter (4<sup>th</sup> Quarter 2019 or 1<sup>st</sup> Quarter 2020) and will be dependent on weather conditions.
- 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 3<sup>rd</sup> Quarter 2019 GWETS operating/monitoring reports.

### Offsite Groundwater

- Remedial Investigation
  - No activities planned.
- 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.

### 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.
- 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.
- 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;
  - Repair any damaged fencing around restoration areas, as needed; and
  - Submit annual report on restoration progress per NJDEP permits for the project.

### 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.

## **2.0 Activities Completed During 4<sup>th</sup> Quarter 2019**

### Onsite Soils

- Remedial Design
  - No comments have been received on the *Revised Draft Onsite Soils Corrective Measures Study* submitted on April 30, 2019.

### Onsite Groundwater

- Remedial Investigation
  - Conducted 2<sup>nd</sup> round of groundwater sampling in December 2019 at monitoring wells installed as part of bedrock investigation program.
- Remedial Design/Pilot Study
  - Conducted surface water sampling and collection of water levels during base flow conditions (November 2019).
- Remedial Action
  - MW-107R
    - No activities conducted.
  - 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 3<sup>rd</sup> Quarter 2019 GWETS operating/monitoring reports.

### Offsite Groundwater

- Remedial Investigation
  - No activities conducted.

### 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.

- Preliminary data results for post-mitigation sampling submitted to property owner in November 2019.
- Laboratory package of post-mitigation sample results at one property submitted to NJDEP in November 2019.
- Completed system installation at one property.
- 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.
- Conducted semi-annual groundwater sampling event in November 2019.

#### Pompton Lake Delta

- No comments have been received to date on the *Draft Ramapo-Pompton River Sediment Investigation Report* submitted on July 15, 2015.
- No comments have been received to date on the *Draft Long-Term Monitoring Plan* submitted on June 2, 2016.
- No comments have been received to date on the *Draft PLSA Construction Completion Report* submitted on May 30, 2019.
- Conducted lake restoration activities consisting of:
  - Ongoing inspections of the restoration areas;
  - Repair any damaged fencing around restoration areas, as needed; and
  - Submitted annual report on restoration progress per NJDEP permits for the project in December 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 on November 9, 2015.
- No comments have been received to date on the *Draft Wanaque River Corrective Measures Study* submitted on April 30, 2019.

### **3.0 Activities Not Completed During 4<sup>th</sup> Quarter 2019**

- None.

### **4.0 Problems/Delays Encountered During 4<sup>th</sup> Quarter 2019**

- None.

### **5.0 Deviations to Approved Work Plan(s) During 4<sup>th</sup> Quarter 2019**

- None.

### **6.0 Revised Schedule for 4<sup>th</sup> Quarter 2019**

- None.

### **7.0 Status of Permit Applications for 3<sup>rd</sup> Quarter 2019**

- None.

## 8.0 Tabulation of Data, Correspondence, and Documents for 4<sup>th</sup> Quarter 2019

- 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
October 31, 2019	3 <sup>rd</sup> Qtr. 2019 Site-wide Progress Report
October 31, 2019	3 <sup>rd</sup> Qtr. 2019 GWET Operating Summary
December 23, 2019	2019 Annual Mitigation Monitoring Report

## 9.0 Activities Scheduled for 1<sup>st</sup> Quarter 2020

### 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 3<sup>rd</sup> round of groundwater sampling of monitoring wells installed as part of bedrock investigation program.
- Remedial Design/Pilot Study
  - Evaluate surface water and water level dataset for future path forward proposal to NJDEP and USEPA.
- 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 4<sup>th</sup> 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.
    - Continued 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.
- Submit *2019 Annual Groundwater Report* on February 29, 2020.

### 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.
- Address comments, if any, on the *2019 Annual Mitigation Monitoring Report* submitted on December 23, 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

<b>Submission Timeline</b>	<b>Deliverable Type</b>
January 31, 2020	4 <sup>th</sup> Qtr. 2019 GWET Operating Summary
January 31, 2020	4 <sup>th</sup> Qtr. 2019 Site-wide Progress Report
February 29, 2020	2019 Annual Groundwater Report

### Schedule of Anticipated Field Activities for Site

<b>Date of Activity</b>	<b>Field Activity Description</b>
Jan/Feb/Mar 2020	System influent and effluent sampling
February 2020	Water level measurements
March 2020	Bedrock investigation program groundwater sampling event