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

July 17, 2018

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 2018
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 2018 Progress Report covering activities during April 1, 2018 through June 30, 2018.

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

Sincerely,

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

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

Attachments (1)

2nd Quarter 2018 Progress Report
Pompton Lakes Works Site
Pompton Lakes, New Jersey

1.0 Activities Scheduled

Onsite Soils

- Remedial Design
 - Await further discussion with USEPA and NJDEP after their full review of the response to comments package on the CMS.

Onsite Groundwater

- Remedial Investigation
 - Address comments on the *Draft Onsite Groundwater Bedrock Investigation Work Plan*, as applicable.
- Remedial Design/Pilot Study
 - Evaluate performance monitoring data and path forward for ISCO pilot study program.
- Remedial Action
 - MW-107R
 - Collect sample for TOC analysis.
 - Groundwater Pump & Treat 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 2018 GWETS operating/monitoring reports.

Offsite Groundwater

- Remedial Design
 - Hydraulic surcharging pilot study
 - Assist NJDEP, as needed, on follow-up to public hearing.
- Remedial Action
 - Vapor Intrusion:
 - Continue implementation of the VIRMWP.
 - Hold status calls with NJDEP/USEPA and talk with residents, as needed.
 - Talk with residents, as needed.
 - Submit 2017-2018 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.
- Submit biennial CEA certification.
- 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 *Final Technical Memorandum – Proposed Revised Removal Area for Uplands Area A1* submitted on August 25, 2016.
- Address comments, if any, on the *Final Technical Memorandum – Change in Dredge Conditions Plan – Acid Brook Delta* submitted on October 3, 2017.
- Continue implementation of the remedy including the following activities:
 - Continue routine inspections of the site and work areas in accordance with approved permits and safety conditions,
 - Complete demobilization of hydraulic dredge, sediment processing, and water treatment equipment/operations,
 - Complete mobilization of equipment for eco-layer placement, and
 - Begin placement of eco-layer material in ABD and Island Area.

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.

2.0 Activities Completed

Onsite Soils

- Remedial Design
 - USEPA and NJDEP were still completing their full review of the response to comments package on the CMS; no discussions were held.

Onsite Groundwater

- Remedial Investigation
 - Submitted response to comments on the *Draft Onsite Groundwater Bedrock Investigation Work Plan*.
- Remedial Design/Pilot Study
 - Evaluated performance monitoring data and path forward for ISCO pilot study program. Began preparation of technical memorandum for submittal to NJDEP/USEPA documenting results and proposed path forward.
- Remedial Action
 - MW-107R
 - Collected sample on June 7, 2018 for TOC analysis. The concentration was 963 mg/L.
 - Groundwater Pump & Treat 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 2018 GWETS operating/monitoring reports.

Offsite Groundwater

- Remedial Design
 - Hydraulic surcharging pilot study
 - NJDEP did not request any assistance in response to the public meeting.
- Remedial Action
 - Vapor Intrusion:
 - Continued implementation of the VIRMWP.
 - Held status calls with NJDEP/USEPA and talked with residents, as needed.
 - Submitted the 2017-2018 VI O&M Report.
 - Conducted Phase 2 confirmatory sampling at one property.

- Conducted post-mitigation sampling at one property.
- Conducted design visit at one property and completed design drawing.
- Transmitted laboratory packages and EDDs to NJDEP as they were submitted to Chemours from the laboratory. A total of 5 laboratory packages containing a total of 11 samples were sent to NJDEP during the reporting period. Preliminary results were also transmitted to property owners as they were received. A total of 5 letters were sent to property owners.

Groundwater Compliance Monitoring Program

- No comments have been received to date on the *2014 Annual Groundwater Report*.
- No comments have been received to date on the *2015 Annual Groundwater Report*.
- Submitted biennial CEA certification.
- 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*.
- No approval has been received to date on the *Final Technical Memorandum – Proposed Revised Removal Area for Uplands Area A1*.
- No approval has been received to date on the *Final Technical Memorandum – Change in Dredge Conditions Plan – Acid Brook Delta*.
- Continued implementation of the remedy including the following activities:
 - Continued routine inspections of the site and work areas in accordance with approved permits and safety conditions,
 - Completed demobilization of hydraulic dredge, sediment processing, and water treatment equipment/operations,
 - Continued demobilization of other site equipment no longer needed for the project,
 - Completed mobilization of equipment for eco-layer placement,
 - Began placement of eco-layer material in ABD and Island Area, and
 - Began restoration activities at the Island Area, Uplands, Acid Brook, and along ABD shoreline.

Wanaque River

- No comments have been received to date on the *Response to NJDEP Comments – Wanaque River Interim Remedial Measure Data Collection Activities Report*.

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 13, 2018	1 st Qtr. 2018 Site-wide Progress Report
April 13, 2018	1 st Qtr. 2018 GWET Operating Summary
April 13, 2018	2017-2018 VI O&M Report
April 30, 2018	2018 CEA – Biennial Certification
June 6, 2018	NJPDES DGW Permit – Renewal Request
June 6, 2018	Response to Comments – Draft Onsite GW Bedrock Inv. Work Plan

9.0 Activities Scheduled for Next Reporting Period (3rd Quarter 2018)

Onsite Soils

- Remedial Design
 - Await further discussion with USEPA and NJDEP after their full review of the response to comments package on the CMS.

Onsite Groundwater

- Remedial Investigation
 - Address comments, if any, on the *Response to Comments - Draft Onsite Groundwater Bedrock Investigation Work Plan* submitted on June 6, 2018.
- Remedial Design/Pilot Study
 - Submit technical memorandum with results of ISCO design testing program and proposed path forward.
- Remedial Action
 - MW-107R
 - No activities planned.
 - Groundwater Pump & Treat 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 2018 GWETS operating/monitoring reports.

Offsite Groundwater

- Remedial Design
 - Hydraulic surcharging pilot study
 - Assist NJDEP, as needed, on follow-up to public hearing.

- Remedial Action
 - Vapor Intrusion:
 - Continue implementation of the VIRMWP.
 - Hold status calls with NJDEP/USEPA, as needed.
 - Talk with residents, as needed.
 - Address comments, if any, on the *2017~2018 VI O&M Report* submitted on April 13, 2018.

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 *2017 Annual Groundwater Report* submitted on February 28, 2018.
- Address comments, if any, on the *2018 CEA – Biennial Certification* submitted on April 30, 2018.

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 *Final Technical Memorandum – Proposed Revised Removal Area for Uplands Area A1* submitted on August 25, 2016.
- Address comments, if any, on the *Final Technical Memorandum – Change in Dredge Conditions Plan – Acid Brook Delta* submitted on October 3, 2017.
- Continue implementation of the remedy including the following activities:
 - Continue routine inspections of the site and work areas in accordance with approved permits and safety conditions,
 - Complete placement of eco-layer material in ABD and Island Area.
 - Complete restoration activities at Island Area, Uplands, Acid Brook, and along ABD shoreline.
 - Continue demobilization of equipment from project site.

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.

Schedule of Regulatory-Required Deliverables for Site

Submission Timeline	Deliverable Type
July 31, 2018	2 nd Qtr. 2018 GWET Operating Summary
July 31, 2018	2 nd Qtr. 2018 Site-wide Progress Report
July-August 2018	Technical Memorandum – ISCO Design Testing Results

Schedule of Anticipated Field Activities for Site

Date of Activity	Field Activity Description
Jul/Aug/Sept 2018	System influent and effluent sampling
August 2018	Water level measurements