

April 10, 2023

Ms. Greta White
Project Manager, Remedial Bureau C
Division of Environmental Remediation
New York State Department of Environmental Conservation (NYSDEC)
625 Broadway
Harrison, NY 12233-7014

Re: NYSDEC Site No. 360174; BCP C361074
March – April 2023 Monthly Progress Report
Westchester County Airport
240 Airport Road
Harrison, New York 10604

Dear Ms. White:

Actions Taken/Accomplishments (March 2023 – April 2023)

A schedule of completed and projected activities is included as Appendix A.

1. First Environment received the NYSDEC's comments to the Remedial Investigation Workplan (RIWP) on February 7, 2023. First Environment has provided a response to the NYSDEC requesting further clarification. Once this clarification has been received, First Environment shall resubmit the revised RIWP.
2. Initiate modifications to the RIWP.
3. On March 22, 2023, First Environment met ECT2 contractor to discuss treatment options for conducting a pilot test at Outfall 7 (OF-7) and OF-4 to reduce PFAS in surface water.
4. On March 22, 2023, water flow leaving OF-7 was measured at 12 gallons per minute.
5. On April 5, 2023, a kickoff meeting was held at the Airport with Triumph who was awarded Contract 22-522 WCA Domestic Water System Improvements. The expectation is construction will initiate on May 22, 2023. The estimated completion time is estimated at 12 to 18 months.

April & May Planned Activities

1. First Environment shall resubmit the revised RIWP.
2. First Environment intends to continue performance monitoring of surface water leaving the end-of-pipe at OF-7 as well as New York City

Department of Environment Projection (NYCDEP) gauging station (E-10) on a quarterly basis. We will concurrently record water level measurements in temporary wells along Airport Road and New King Street. The next monitoring event is planned for April 2023.

3. Design a pilot test to treat PFAS-impacted low-flow water leaving OF-7.
4. First Environment recently observed increased water flow from headwall 7021.1 that is contributing to OF-7. This increase in flow may have resulted in increased PFAS concentrations at OF-7. As a result, First Environment will further evaluate the presence of an increase in water flow and PFAS levels during April of 2023 via sampling at 7021.1.
5. The County will retain an independent third party who specializes in stormwater systems to evaluate the presence of groundwater leaks and, if identified, provide a solution to eliminate PFAS impacted groundwater from entering the stormwater system during the 1st and 2nd quarter 2023.
6. Groundwater samples will be collected on a quarterly basis for one year to determine the success of the pilot test. The first set of samples is scheduled to be collected mid-April of this year. Once collected and analysis completed, First Environment will report the pilot test groundwater results.
7. First Environment continues to provide environmental technical support to the County's engineering team for the construction and installation of a water supply pipeline from Westchester Joint Water Works (WJWW).
8. Continue to evaluate the larger application of the Fluoro-Sorb mat and permeable reactive barrier for use at OF-4 to reduce PFAS in surface water.
9. Evaluate foam fractionation technology to reduce PFAS in surface and groundwater.
10. First Environment was informed by the NYSDEC on March 28, 2023 that the EDDs submitted at the end of January did not have appropriate location tags and therefore must be resubmitted.

If you have any questions, please do not hesitate to call.

Regards,

FIRST ENVIRONMENT, INC.



Scott R. Green, P.G.
Director, Insurance Consulting
Service Group



David Luer
Project Manager/Field Team Leader

Att.

c: B. Tod Delaney, Ph.D., P.E., BCEE - First Environment, Inc.
Arthur Clarke, J.D. - First Environment, Inc.
Hugh Greechan, Jr. P.E. - Westchester County Public Works & Transportation
John Nonna - Westchester County Attorney
April Gasparri – Westchester County Airport Manager
John Inserra - Westchester County Airport Environmental
John Benvegna - WSP
M.Hubicki, NYSDEC
K.Thompson, NYSDEC
M. Murphy, NYSDEC
K.Maloney, NYSDEC
D.Bendell/D.Pollock, NYSDEC
M. Doroski – NYSDOH
K. Kulow – NYSDOH

APPENDIX A

**APPENDIX A
Work Activity Schedule
2022-2024**

Milestone	Estimated Completion Date	Estimated Completion Percentage
OF-7 Storm Sewer Installation	May 13, 2022	100%
OF-7 Performance Monitoring	2 nd Quarter 2023	90%
New King Street Workplan – Phase 1	January 24	100%
New King Street Workplan – Phase 2	April 2022	100%
Waterline Workplan	April 2022	100%
Waterline Completion	October 2024	0%
OF-4 IRM Pilot Test ¹	Summer 2023	55%
Remedial Investigation Workplan Submittal	July 2022	100%
GW Pilot Test Scope of Work ²	Summer 2022	100%
GW Pilot Test	Winter 2022	100%
GW Pilot Test Performance Monitoring	Winter 2024	0%
Execution of RI workplan ³	Spring/Summer 2023	0%
Remedial Action Alternatives Evaluation	2023-2024	0%
Remedial Action Selection Report	TBD	0%
Certificate of Completion	TBD	0%

Estimated task durations and completions are tentative and are subject to modification based on site work, progress, weather delays, and other considerations such as contractor availability or Airport access.

¹ Pilot test CETCO Fluor sorb at OF-7 – Evaluate the effectiveness of Flour sorb reducing PFOS and PFOA in surface water. Pilot test CETCO Fluor sorb at OF-7 before testing at OF-4.

² Scope of work submitted to the County approved September 2022

³ Start date dependent upon workplan approval.