



February 10, 2021

Ms. Jennifer A. Andaloro, Esq.
 Office of General Counsel
 Remediation Bureau Chief
 NYS Department of Environmental Conservation
 625 Broadway, 14th Floor
 Albany, New York 12233-1500

Subject: Orange County Landfill – Site No. 336007
 February 2021 Periodic Progress Report
 STERLING File #2010-15 (Task 230)

Dear Ms. Andaloro,

In accordance with NYSDEC’s letter issued November 25, 2016, this monthly Periodic Progress Report addresses the progress in implementing the approved Remedial Action Work Plan (RAWP). The work is authorized by NYSDEC letters dated March 9, 2017 and March 20, 2017.

The horizontal recovery well has been operating since January 5, 2021 at a rate of approximately 0.5 gallons per minute (gpm). As outlined in the Pilot Program Work Plan (July 2020) approved by NYSDEC, STERLING has performed weekly inspections to obtain manual groundwater elevations and download real-time groundwater elevation data. This information will be used to evaluate the effectiveness of the operating system and to serve as the basis to assess options for long-term management of the recovered groundwater.

Emerging contaminant data were entered into EQUIS and were accepted by NYSDEC on January 25, 2021.

For the balance of 2021, the following activities are planned:

	Item	Projected Completion Date
1.	Recovery Well Pumping Rate	March 1, 2021
2.	Remote Sensor Evaluation / Installation	April 1, 2021 (after ice out)
3.	Data Evaluation and Completion of Long Term Groundwater Management Plan (Per July 9, 2020 Groundwater Recovery System Pilot Program Work Plan)	July 1, 2021
4.	Design & Construction of Groundwater Management System (Based on Long-Term Groundwater Management Plan Approved by NYSDEC)	TBD, following NYSDEC approval of Long-Term Groundwater Management Plan.
5.	Final Engineering Report (FER) (Per December 19, 2016 Remedial Action Work Plan)	TBD, following implementation of Long-Term Groundwater Management Plan
6.	2021 Landfill Sampling Event	Fourth Quarter, 2021
7.	2021 Periodic Review Report Submission	By December 31, 2021

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The Data Evaluation and Completion of the Long-Term Groundwater Management Plan (Item 3 noted above) will culminate in the submission of specific recommendations for groundwater treatment, conceptual design, and supporting materials for NYSDEC consideration and approval. The Long-Term Groundwater Management Plan will be implemented by the County once approved by the NYSDEC.

The Final Engineering Report (Item 4 above) will provide the documentation and certification of completion of the following corrective measures:

- Horizontal recovery well installation
- Sediment removal
- Stream bank armoring
- Groundwater treatment

Please contact me should you have any questions.

Very truly yours,
STERLING ENVIRONMENTAL ENGINEERING, P.C.



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MPM/bc
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