
To: Herrera Environmental Consultants, Inc.
From: Scott H. Lathen, Associate and Sydney Bronson, Project Manager
Date: March 11, 2024
File: 0504-104-01
Subject: Marshall Landfill – Groundwater Monitoring Work Plan – Addendum No. 1

This Addendum No. 1 addresses changes to the Washington State Department of Ecology (Ecology) approved Marshall Landfill Groundwater Monitoring Work Plan (Work Plan) dated November 17, 2023. This Addendum No. 1 seeks to amend the scope for the 2nd Quarter (Q2) through 4th Quarter (Q4) monitoring events. The requested changes are outlined below:

Subtractions from Work Plan:

- Discontinue sampling at monitoring well MW-11A.
- Discontinue sampling and chemical analysis of the following compounds in wells MW-2A, MW-5A, MW-7B and MW-12A:
 - Herbicides.
 - Semi-volatile organic compounds (SVOCs) except 1,4-Dioxane.
 - Volatile organic compounds (VOCs) except tetrachloroethylene (PCE) and 1,1,1-trichloroethane (1,1,1-TCA).
 - Cyanide.
- Discontinue sampling for Per- and Polyfluoroalkyl Substances (PFAS) compounds at MW-12A. Other analytes (except those listed above) will continue to be analyzed and reported.

Additions to Work Plan:

- Add monitoring wells MW-8B, MW-9A, MW-15 and MW-16 to the revised monitoring well sampling list (MW-2A, MW-5A, MW-7B and MW-12A). These four new wells will only be sampled for PFAS compounds by U.S. Environmental Protection Agency (EPA) Method 1633 (Draft-4).
- Prior to the initial sampling, monitoring wells MW-8B, MW-9A, MW-15 and MW-16 will be redeveloped and fitted with dedicated PFAS-free pumps and tubing consistent with the Sampling Analysis Plan (SAP) as outlined in the approved Work Plan.
- Inclusion of one additional investigation-derived waste (IDW) disposal event to remove well redevelopment and Q2 monitoring event sampling purge water.

These changes will be incorporated by reference into the approved Work Plan upon your approval of this Addendum No. 1.