



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
JACKSON DISTRICT OFFICE



KEITH CREAGH
DIRECTOR

April 29, 2016

Mr. Thomas Flannagan
General Manager
Advanced Disposal Services Arbor Hills Landfill
10690 Six Mile Road
Northville, Michigan 48167

Ms. Christina Pearse-Bossick
Environmental Manager
Republic Services, Inc.
5011 South Lilly Road
Canton, Michigan 48188

Dear Mr. Flannagan and Ms. Pearse-Bossick:

SUBJECT: Violation Notice
Arbor Hills West Expanded Sanitary Landfill
Third Quarter Inspection FY 2016

On April 11, 2016, staff of the Department of Environmental Quality (DEQ), Office of Waste Management and Radiological Protection (OWMRP) conducted an inspection of Arbor Hills West Expanded Sanitary Landfill located at 10690 Six Mile Road, Northville, Michigan. The purpose of this inspection was to determine compliance with the requirements of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), and the administrative rules.

As a result of the inspection, staff determined that the facility was in compliance with the operational requirements of Part 115 that were evaluated on that day, as shown on the enclosed inspection sheet, except for the following violation. DEQ staff observed landfill gas odors while in the nearby neighborhood directly west of the facility. As a result, DEQ staff identified a continuing violation of the following promulgated rule of Part 115:

Rule 433(1) The owner and operator of a type II landfill will ensure all of the following:

(c) That gases generated by the facility do not create a nuisance and are not otherwise in violation of part 55 of the act at the property boundary.

In order to return to compliance, the landfill gas collection and control system must continue to be adjusted and improved until the odor nuisance has been resolved. Further documentation may be required by the department in order to help identify and fix any related issues.

In addition to the violation, two other compliance concerns were identified. A pool of leachate was discovered on the western side of Cell 2. The pool was the result of runoff contacting exposed waste that had recently been uncovered due to construction. The leachate was observed to be entering the storm water drainage system, thereby

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bypassing the leachate collection system. The operator was notified during the inspection and corrected the issue. Supporting photos of the correction were sent to the department on April 11, 2016. In order to ensure compliance in the future, Advanced Disposal must inspect the problem area routinely and report any issues to the department.

The second issue identified was located on the southern face of the landfill. Landfill gas was observed to be escaping from several areas of interim cover causing vegetation to die and small quantities of leachate to escape the cover. Based on discussions between DEQ Staff and Advanced Disposal, it was determined that a plan to permanently correct the issue is necessary. Advanced Disposal must prepare and submit the plan to the department by **May 28, 2016**.

If you have any questions, please contact me at DEQ-OWMRP, Jackson State Office Building, 301 East Louis Glick Highway, Jackson, Michigan 49201; by telephone at the number below; or by e-mail at WhitlowA@michigan.gov.

Sincerely,

Alex H. Whitlow, E.I.T.
Environmental Engineer
Office of Waste Management
and Radiological Protection
517-614-9712

Enclosure

cc: Mr. David Rettell, Advanced Disposal Systems, Arbor Hills
Mr. Daniel Moody, Washtenaw County Division of Environmental Health
Ms. Diane Kavanaugh Vetort, DEQ
Mr. Lawrence E. Bean, DEQ