



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

RECEIVED

MAY 10 2011

OHIO EPA NEDO

OHIO E.P.A.

MAY -9 2011

ENTERED DIRECTOR'S JOURNAL

MAY 09 2011

I certify this to be a true and accurate copy of the official documents as filed in the records of the Ohio Environmental Protection Agency.

Tim Vandersall
Countywide Recycling and Disposal Facility
3619 Gracemont Avenue S.W.
East Sparta, OH 44626

By: Donna Lassiter Date: 5-9-11

**RE: COUNTYWIDE RECYCLING AND DISPOSAL FACILITY (RDF), STARK COUNTY
OHIO ADMINISTRATIVE CODE (OAC) RULE 3745-27-10(D)(7)(c)(ii) APPROVAL**

Dear Vandersall:

On March 2, 2011, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northeast District Office (NEDO) received a document titled *2010 Second Semiannual Ground Water Monitoring OAC Rule 3745-27-10(D)(7)(c)(ii) Demonstration* dated March 1, 2011, for the Countywide RDF (Facility) located in Stark County. This document was submitted by Eagon and Associates on behalf of Republic Services of Ohio II, LLC, and contains the ground water sampling results and the statistical analysis from the October 2010/November 2010 ground water sampling event at the Facility.

According to the document, analysis of the ground water detection monitoring data indicated that the following statistically significant changes were detected: Nickel and Zinc in monitoring well (MW) 31A; Ammonia and Chloride in MW-101A; Potassium in MW-102A; Chloride in MW-103A; Zinc in MW-105A; Sodium and Chloride in MW-110A; Selenium in MW-111A; Ammonia and Potassium in MW-113A; Ammonia, Barium, Potassium and Sodium in MW-114A; Sodium in MW-116A; Sodium in MW-117A; Sodium and Zinc in MW-121A; Chloride and Sodium in MW-103; Sodium in MW-115; and Chloride and Sodium in MW-116.

Verification sampling was performed on November 15, 2010. Analysis of the re-sampling data demonstrated that the statistically significant changes for Chloride in MW-103A; Selenium in MW-111A; Barium in MW-114A; and Zinc in MW-121A were false positives. Therefore, the following monitoring wells were automatically returned to the detection monitoring program pursuant to OAC Rule 3745-27-10(D)(7)(c)(i) for the initial SSDs in the October 2010/November 2010 sampling event: Chloride in MW-103A; Selenium in MW-111A; Barium in MW-114A; and Zinc in MW-121A. Ohio EPA acknowledges the return of these wells to the detection monitoring program. However, the re-sampling data verified the statistically significant changes for Nickel and Zinc in monitoring well MW-31A; Ammonia and Chloride in MW-101A; Potassium in MW-102A; Zinc in MW-105A; Sodium and Chloride in

MW-110A; Ammonia and Potassium in MW-113A; Ammonia, Potassium and Sodium in MW-114A; Sodium in MW-116A; Sodium in MW-117A; Sodium in MW-121A; Chloride and Sodium in MW-103; Sodium in MW-115; and Chloride and Sodium in MW-116.

Pursuant to OAC Rule 3745-27-10(D)(7)(c)(ii), the owner or operator may demonstrate that a source other than the sanitary landfill facility caused the contamination, or that the statistically significant change resulted from error in sampling, analysis, or statistical evaluation or natural variation in ground water quality. A report documenting this demonstration must be submitted to and approved by Ohio EPA. If the owner or operator does not obtain approval to continue detection monitoring within two hundred ten (210) days from initial sampling, the owner or operator is required to comply with the provisions of OAC Rule 3745-27-10(E) for ground water quality assessment monitoring.

The March 1, 2011, document concluded that the statistically significant changes for Nickel and Zinc in monitoring well MW-31A; Ammonia and Chloride in MW-101A; Potassium in MW-102A; Zinc in MW-105A; Sodium and Chloride in MW-110A; Ammonia and Potassium in MW-113A; Ammonia, Potassium and Sodium in MW-114A; Sodium in MW-116A; Sodium in MW-117A; Sodium in MW-121A; Sodium in MW-115; and Chloride and Sodium in MW-116 were due to natural and spatial variation within the uppermost aquifer system (UAS) and/or significant zone of saturation (SZS) and not as a result of impact from the landfill. Monitoring wells MW-31A, MW-101A, MW-102A, MW-103A, MW-105A, MW-110A, MW-111A, MW-113A, MW-114A, MW-116A, MW-117A, MW-121A, MW-103, MW-115 and MW-116 were initially sampled on October 11, 2010.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the March 1, 2010, document for monitoring wells MW-31A, MW-101A, MW-102A, MW-103A, MW-105A, MW-110A, MW-111A, MW-113A, MW-114A, MW-116A, MW-117A, MW-121A, MW-115 and MW-116. Therefore, pursuant to OAC Rule 3745-27-10(D)(7)(c)(ii), the owner or operator is hereby authorized to continue the detection monitoring program at the Facility for monitoring wells MW-31A, MW-101A, MW-102A, MW-103A, MW-105A, MW-110A, MW-111A, MW-113A, MW-114A, MW-116A, MW-117A, MW-121A, MW-115 and MW-116.

The demonstration for ground water monitoring well MW-103 will be addressed in a separate correspondence.

Should future or existing ground water sampling results indicate statistically significant changes in ground water monitoring parameters, the owner or operator will be required to either enter into assessment monitoring in accordance with OAC Rule 3745-27-10(E) or obtain approval to remain in the detection monitoring program.

Tim Vandersall
Countywide Recycling and Disposal Facility
Page 3

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to ORC Section 3745.04. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Treasurer, State of Ohio." The Commission, in its discretion, may reduce the fee if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street
Room 222
Columbus, Ohio 43215

If you have any questions concerning this letter, please contact Joshua Adams of Ohio EPA, DMWM-NEDO at 330-963-1103.

Sincerely,



Kurt M. Princic
Chief, Northeast District Office
for Scott J. Nally
Director, Ohio EPA

KMP/SJN/JA/cl

cc: Scott Hester, DMWM-CO
Joshua Adams, DMWM-NEDO
Jeffrey Rizzo, DDAGW-NEDO
Jeff Hurdley, Legal
Nicholas Bryan, AG-Office
Kirk Norris, Stark County Health Department
DMWM ID# 3799