



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director

OHIO E.P.A.  
AUG - 8 2016

ENTERED DIRECTOR'S JOURNAL

AUGUST 8, 2016

Putnam County Commissioners  
245 East Main Street, Suite 101  
Ottawa, Ohio 45875

Re: Putnam County Landfill  
Director's Authorization  
Approval  
Municipal Solid Waste Landfills  
Putnam County  
MSWL018795

**Subject: Putnam County Landfill, Putnam County  
Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c)(ii) Approval**

Dear Commissioners:

On May 26, 2016, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Northwest District Office (NWDO) received a document titled "Putnam County Landfill (MSWL#018795) 2016 First Semiannual Groundwater Report," dated May 24, 2016, for Putnam County Landfill (Facility) located in Putnam County. This document was submitted by Eagon and Associates, Inc., on behalf of Putnam County Commissioners, and contains the ground water sampling results and the statistical analysis from the May 4, 2016, 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: chloride, sodium, potassium, and alkalinity in monitoring well MW-2R.

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 not later than 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 May 24, 2016, document concluded that the statistically significant changes for chloride, sodium, potassium, and alkalinity at monitoring well MW-2R were attributed to low well yield and slow recharge due to geologic variability. The samples being obtained were not representative of actual groundwater quality resulting from inadequate well development, (due to a natural variation in groundwater quality). Monitoring well MW-2R was initially sampled on May 4, 2016.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the May 24, 2016, document. 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 well MW-2R.

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.

You are hereby notified that this action of the Director of Environmental Protection (Director) is final and may be appealed to the Environmental Review Appeals Commission pursuant to Ohio Revised Code 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 it is demonstrated 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  
77 South High Street 17<sup>th</sup> Floor  
Columbus, Ohio 43215

A detailed account of Ohio EPA's review of the groundwater demonstration will be sent to you under separate cover.

If you have any questions concerning this action, please contact Kristin Tillison DMWM, NWDO at (419) 373-3064.

Sincerely,



Shannon Nabors, Chief, NWDO  
for Craig W. Butler, Director

/mrf

pc: Hugh Downer, Eagon & Associates, Inc.  
Dale Mc Lane, Ohio EPA, DDAGW-NWDO  
Mike Beal, Ohio EPA, DDAGW-NWDO  
Mike Reiser, Ohio EPA, DMWM-NWDO  
i.d. 5-15504