



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

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 OHIO EPA

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LEGAL OFFICE

FEBRUARY 13, 2017

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 December 1, 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 2016 Second Semiannual Groundwater Report OAC 3745-27-10(B)(5) Groundwater Monitoring System Evaluation OAC 3745-27-10(D)(7)(c)(ii) Demonstration*," dated November 28, 2016, for Putnam County Landfill (Facility) located in Putnam County. This document was submitted by Eagon and Associates, consultants on behalf of the Putnam County Commissioners, and contains the ground water sampling results and the statistical analysis from the September 19-20, 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, alkalinity, and potassium 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 November 28, 2016, document concluded that the statistically significant changes for chloride, sodium, alkalinity, and potassium at monitoring well MW-2R were due to low well yield and slow recharge due to geologic variability, and not as a result of impact from the landfill. Monitoring well MW-2R was initially sampled on September 19, 2016.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the November 28, 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 wells 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

/wla

cc: Hugh Downer, Eagon & Associates, Inc.  
Mike Reiser, DMWM, NWDO  
Ken Brock, DDAGW, NWDO  
Dale Mc Lane, DDAGW, NWDO  
i.d.: 5-15940