



**Mike DeWine, Governor**  
**Jon Husted, Lt. Governor**  
**Laurie A. Stevenson, Director**

September 8, 2021

Mr. Jeffrey L. Ohler  
Carroll County Commissioner  
119 S. Lisbon Street  
Suite 201  
Carrollton, OH 44515

**Re: Carroll County Landfill  
Non-permit Related Variance  
Approval  
Municipal Solid Waste Landfills  
Carroll County  
MSWL019397**

**Subject: Carroll County Landfill  
Carroll County Landfill OAC 3745-27-03(C)  
Variance Request**

Dear Commissioner Ohler,

On April 15, 2021, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management, Northeast District Office received a letter requesting a variance from certain ground water monitoring requirements regarding the Carroll County Landfill (Facility) located in Carroll County. Civil and Environmental Consultants, Inc. (CEC), on behalf of the Carroll County Commissioners (the County), requested the director's approval of this variance for relief from the ground water quality assessment monitoring requirements. The Facility's ground water monitoring programs are regulated by the Solid and Infectious Waste Regulations (OAC Rule 3745-27-10), as effective March 6, 2017. Pursuant to OAC Rule 3745-27-03(C)(1), any person may apply for a variance from any provision of Chapter 3745-27 of the Administrative Code except for any rule adopted under division (M) of section 3734.02 or section 3734.021 of the Revised Code. The request for the variance pertains to relief from the ground water quality assessment monitoring activities required by OAC Rule 3745-27-10(E).

The County operated the landfill until the last day of waste acceptance in April 1993. Closure certification and documentation was submitted to Ohio EPA and approved on November 18, 2016. The Facility submitted a Statistical Analysis Plan (StAP) which was finalized on February 21, 2020 and works in conjunction with the Facility's Groundwater Detection Monitoring Plan. The analytical results from the December 2019 ground water monitoring event were statistically analyzed using the StAP and statistically significant increases (SSIs) were identified and reported to Ohio EPA.

CEC provided sufficient information in support of the facility's request for approval of this variance, including:

- The shallow SZS (Significant Zone of Saturation) is discontinuous across the facility and none of the residential wells are installed in the shallow SZS. The shallow SZS also does not extend off the facility property and based on the topography of the site the shallow

SZS should daylight at the ground surface, though the facility has not located any seeps or springs on the property.

- Based on the review of the vertical separation, measured differences in ground water elevations and conductivity testing, there does not appear to be a direct hydraulic connection between the intermediate SZS and upper aquifer system (UAS). The differences in general geochemistry and lack of VOC detections in UAS monitoring wells indicate that vertical migration of waste-derived constituents from the SZS to the UAS has not occurred.

Ohio EPA has reviewed the applicable information and concurs with the justification included in the April 15, 2021 request. Therefore, pursuant to OAC Rule 3745-27-03(C), the City is hereby granted a variance from the ground water quality assessment monitoring activities that would otherwise be required by OAC Rule 3745-27-10(E), because of the SSIs detected during the December 2019 sampling event. This variance is issued with the following conditions:

- The County shall comply with the Corrective Measures Program requirements as described in OAC 3745-27-10(F). Any submittal pursuant to OAC 3745-27-10(F) with respect to the identified SSIs shall be submitted to Ohio EPA not later than one hundred eighty (180) days after the issuance of this variance.
- The County shall continue to monitor network system wells semi-annually for Appendix I constituents until a plan is approved under OAC Rule 3745-27-10(F).

This variance shall remain in effect unless otherwise revoked by the Director of Environmental Protection (Director).

You are hereby notified that this action of the 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  
30 East Broad Street, 4<sup>th</sup> Floor  
Columbus, Ohio 43215

Carroll County Landfill  
July 19, 2021  
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If you have any questions concerning this action, please contact Paul Parrish, DMWM, NEDO at (330) 963-1125.

Sincerely,



Laurie A. Stevenson  
Director

LAS/PMP/dy

cc: Commissioner Jeffrey Ohler, Carroll County Commissioners  
Courtney Grossman, Carroll County Health Department  
Eric Adams, DMWM-NEDO  
Mark Kroenke, DMWM-NEDO  
Paul Parrish, DMWM-NEDO  
Josh Adams, DMWM-NEDO  
Jarnal Singh, DMWM-NEDO  
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