



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

September 24, 2021

Mr. James Adams  
Senior Site Engineer  
Rumpke Sanitary Landfill  
3990 Generation Drive  
Cincinnati, Ohio 45251

Re: Rumpke Sanitary Landfill  
Director's Authorization  
Approval  
Municipal Solid Waste Landfills  
Hamilton County  
MSWL018791

**Subject: Rumpke Sanitary Landfill, Hamilton County  
Leachate Residuals Solidification Plan Approval**

Dear Mr. Adams:

On April 6, 2021, the Ohio Environmental Protection Agency's (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office (SWDO) received the document titled "Leachate Residuals Solidification Plan" (Request), dated April 1, 2021. Rumpke Sanitary Landfill, Inc. (Rumpke) requests authorization to solidify and dispose of residual waste materials generated during routine maintenance of the leachate collection, conveyance, and storage system for Rumpke Sanitary Landfill (Facility), located at 10795 Hughes Road, Cincinnati, Ohio. Ohio EPA forwarded a Notice of Deficiency to Rumpke on May 21, 2021. Rumpke submitted a revised solidification plan dated June 10, 2021.

Ohio EPA has completed a review of the Request dated April 1, 2021, and revised June 10, 2021, in accordance with Ohio Administrative Code (OAC) Rules 3745-27-19(E)(8)(b) and 3745-27-19(E)(8)(i) which state, in part, that:

**OAC Rule 3745-27-19(E)(8)(b):** The owner of operator shall not accept for disposal or dispose of...Containerized bulk liquids or non-containerized liquids without authorization from the director."

**OAC Rule 3745-27-19(E)(8)(i):** "The owner or operator shall not accept for disposal or dispose of...semi-solid material containing free liquids...unless the owner or operator has obtained prior written authorization from Ohio EPA to dispose of that semi-solid material in the facility."

Ohio EPA has reviewed the information contained in the Request and has determined that the proposed solidification basin, if constructed and operated in accordance with the Request and following conditions, will not result in a violation of applicable laws or regulations and are unlikely to adversely affect public safety or health or the environment. Therefore, Rumpke is hereby authorized to construct and operate the solidification basin

in accordance with the submitted plans, specifications, and information subject to the following conditions:

## **CONDITIONS**

1. Rumpke shall ensure that state solid waste fees are paid on the solidification agent(s) (that are considered to be a solid waste) in accordance with OAC Rule 3745-502-02.
2. This authorization is only for residual waste materials generated during routine maintenance of the leachate collection, conveyance and storage system at Rumpke Sanitary Landfill as described in the Leachate Residuals Solidification and Disposal Plan.
3. Rumpke shall maintain current OAC Rule 3745-52-11 documentation available for inspection by Ohio EPA. This information shall be updated, at a minimum, on a yearly basis.
4. Rumpke shall ensure that materials used as solidification agents are non-hazardous, compatible with the liquid waste, and can result in a mixture that meets the definition of "solid waste."
5. Rumpke shall ensure that surface water is diverted from the solidification basin area and directed to the existing surface water controls.
6. Rumpke shall ensure that any liquid which comes in contact with the solidification agents is properly contained and managed as leachate.
7. Rumpke shall ensure that bulk liquid wastes are not stored in the solidification basin. Bulk liquids shall be mixed, removed, and disposed in the landfill the same business day.
8. Rumpke shall not store solid waste intended for use as solidification material at the Facility. Solidification materials shall be used the same day they are brought to the Facility or disposed of in the working face.
9. Rumpke shall ensure that the solidification basin is moved, or removed from the landfill altogether, if the unit interferes with the landfill operation or phasing.
10. Rumpke shall ensure that each load removed from the basin after mixing meets the definition of "solid waste" as defined Ohio Revised Code (ORC) Section 3734.01. At a minimum, Rumpke must visually inspect every mixed load. Any load which releases liquid must be remixed with additional solidification agent such that the mixed load is deemed solid waste based on the paint filter liquids test referenced in OAC Rule 3745-27-19(E)(8)(i).

11. Rumpke shall maintain a separate daily log, in addition to the standard daily log of operations required by OAC Rule 3745-27-19(E)(10), that lists the following information: date, the generator of the liquid waste and solidification agent (if agent meets the definition of a "solid waste"), description of the liquid wastes and solidification agents received, and quantity of both the liquid waste and solidification agent used for each mix.
12. Rumpke shall comply with this authorization, including the details outlined in the request to construct and operate a solidification basin, dated April 1, 2021, and subsequent revision dated June 10, 2021, unless changes are otherwise authorized in writing by Ohio EPA.
13. If Ohio EPA or Hamilton County Public Health determines the solidification basin is ineffective or otherwise unsatisfactory under normal operating conditions, then permission to operate the solidification basin may be revoked upon written notification from the Director of Ohio EPA.
14. This authorization shall terminate five years from the date of this letter.

Nothing in this authorization shall be construed to authorize any waiver from the requirements of any other applicable federal or state laws or regulations except as specified herein. This authorization shall not be interpreted to release Rumpke from responsibility under ORC Chapters 1509, 3704, 3734, or 6111; under the Federal Clean Water Act, the Resource Conservation and Recovery Act, or the Comprehensive Environmental Response, Compensation, and Liability Act; or from other applicable requirements for remedying conditions resulting from any release of containments to the environment.

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 Revision 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 the appeal is based. 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

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MSWL018791  
August 2, 2021  
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If you have any questions concerning this letter, please contact Michael Harris of Ohio EPA, SWDO at (937) 285-6089.

Sincerely,

A handwritten signature in blue ink that reads "Laurie A. Stevenson". The signature is written in a cursive style.

Laurie A. Stevenson  
Director

ec: Michelle Ackenhausen, DMWM, SWDO  
Jeremy Carroll, DMWM, CO  
Chuck DeJonckheere, Hamilton County Public Health