



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

August 20, 2021

Suburban Landfill, Inc.
Attn: Ms. Candy Robinson - Dist. Eng.
3415 Twp. Rd. 447
Glenford, OH 43739

Re: Suburban Landfill, Inc.
Director's Authorization
Approval
Municipal Solid Waste Landfills
Perry County
MSWL018754

**Subject: Suburban Landfill, Inc., Perry County,
Authorization to Relocate and Operate Solidification Basins**

Dear Ms. Robinson:

On June 10, 2021, Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southeast District Office (SEDO), received a document titled: *"Request for Director's Authorization, Permit to Install 06-08330 approved June 1, 2017, Solidification Basin, Suburban Landfill, Perry County, Ohio"* (Request). Civil & Environmental Consultants, Inc. (CEC), on behalf of Suburban Landfill, Inc. (SLI), had prepared the Request, which defined the general operating practices and requirements for receipt, solidification, and disposal of non-hazardous sludge, liquids and similar waste materials containing free liquids that are prohibited from acceptance and disposal at a municipal solid waste landfill. The Request included the following: a cover letter; table of contents; narrative; Appendix A, Professional Engineer's Certification; Appendix B, Figure 1 - Solidification Plan and Sections; and Appendix C, Recordkeeping Forms. The Request also included diverting accepted select solid wastes and not immediately deposit them at the working face, as required by rule, so that they may be staged at the solidification basins' temporary admixture stockpile area for use in the solidification process.

As shown on the Request's Figure 1, the proposed two mobile and steel single walled solidification basins will be installed and operated within the Suburban Landfill's permitted and active limits of waste placement in proximity to the working face. The basins and their adjacent temporary admixture stockpile (solidification agents) will be located within an area with a perimeter soil surface water diversion berm.

On July 6, 1994, Ohio EPA approved an alteration to Permit-to-Install No. 06-2102 (approved February 27, 1992) that authorized SLI to establish a Special Waste Solidification Program, which is currently located outside of the Suburban Landfill's permitted limits of waste placement but within the facility's boundary. On September 8, 2004, SLI received a second alteration, which provided engineered improvements to the

basins. With the relocation and operation of the solidification basins within the permitted limits of waste placement, Suburban Landfill will cease operating their current solidification basins, which are located outside the limits of waste placement.

Ohio EPA has completed a review of the request in accordance with Ohio Administrative Code (OAC) Rules 3745-27-19(E)(7)(e), (E)(8)(b), and (E)(8)(i) which state, in part, that:

OAC Rule 3745-27-19(E)(7)(e): *"...the owner or operator shall ensure that all waste admitted to the sanitary landfill facility is deposited at the working face, spread in layers not more than two feet thick, and compacted to the smallest practical volume. An alternate method may be used if approved in writing by the director. . ."*

OAC Rule 3745-27-19(E)(8)(b): *"The owner or operator shall not accept for disposal . . . 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."*

Based upon a review of the Request received June 10, 2021, I have determined, pursuant to OAC Rules 3745-27-19(E)(7)(e), 3745-27-19(E)(8)(b), and 3745-27-19(E)(8)(i), that the proposed solidification basins, if installed and operated in accordance with the Request and the following conditions, will not result in a violation of the applicable laws or regulations and are unlikely to adversely affect the public safety or health or the environment. Therefore, SLI is hereby authorized to relocate and operate the solidification basins in accordance with the submitted plans, specifications, and information subject to the following conditions.

CONDITIONS

1. SLI shall ensure that all applicable authorizations are obtained.
2. SLI shall ensure that state solid waste fees are paid on the combined weight of the bulk liquid wastes and solidification agents.
3. SLI shall ensure that wastes are received from pre-screened customers.
4. SLI shall maintain current OAC Rule 3745-52-11 (Hazardous Waste Determination) documentation available for inspection by Ohio EPA and the

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Perry County Health Department. This information shall be updated, at a minimum, on a yearly basis.

5. SLI 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."
6. SLI shall cease the operations of the current solidification basins. These solidification basins shall be removed, any visually contaminated soils removed and disposed of at the working face, and a closure certification report submitted to Ohio EPA.
7. SLI shall ensure that surface water is diverted from the solidification basins' bermed perimeter area and directed to the existing surface water controls.
8. SLI shall ensure that any precipitation, which comes in contact with the staged solidification agents, is properly contained and managed in accordance with plan specifications and applicable rules.
9. SLI shall ensure that bulk liquids are not stored in the solidification basins or elsewhere. Bulk liquids should be unloaded, mixed, removed, and disposed in the landfill the same business day.
10. SLI shall ensure that the storage of solidification agents occurs at the temporary admixture stockpile area or at the existing building located outside of the landfill's limits of waste placement, that the staging is in compliance with all applicable rules and regulations, and that storage and staging do not create a nuisance.
11. SLI shall ensure that each load removed from a basin after mixing meets the definition of "solid waste" as specified in OAC Rule 3745-27-01(S)(23). At a minimum, SLI must visually inspect every mixed load. Any loads which release liquid must be re-mixed with additional solidification agents or be tested in accordance with method 9095 (paint filter liquids test) in SW-846.
12. SLI 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 the agent meets the definition of a "solid waste"), description of the liquid wastes and solidification agents received, and estimated quantity of both the liquid waste and solidification agent used for each mix.
13. SLI shall not accept for disposal hazardous waste as defined in Section 3734.01 of the Revised Code.

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14. At the basins, SLI shall not accept for solidification any brine or other waste substances associated with the exploration, development, well stimulation, production operations, or plugging of oil and gas resources unless otherwise authorized by ORC Section 1509.22. Brine is defined within Ohio Revised Code (ORC) Section 1509.01.
15. Maintain records documenting that each load of liquid wastes that is technologically enhanced naturally occurring radioactive material (TENORM), as defined in OAC Rule 3701:1-43-01, is at a concentration of less than 5 picocuries per gram above natural background for any combination of radium-226 and radium-228.
16. SLI shall not accept for disposal any load of liquid waste that is TENORM and contains any combination of radium-226 and radium-228 at concentrations greater than or equal to 5 picocuries per gram above natural background.
17. SLI shall not accept for disposal any bulk liquid wastes that increase the potential for a landfill fire.
18. SLI shall comply with this authorization, including the details outlined in the request to relocate and operate solidification basins, as received June 10, 2021, unless changes are otherwise authorized in writing by Ohio EPA.

Nothing in this letter shall be construed to authorize any waiver from the requirements of any applicable federal or state laws or regulations except as specified herein. This authorization shall not be interpreted to release SLI from responsibility under ORC Chapters 3704, 3714, 3734, or 6111; under the Federal Clean Water Act, the Resource Conservation and Recovery Act, the Toxic Substances Control Act, or the Comprehensive Environmental Response, Compensation, and Liability Act; or from other applicable requirements for remedying conditions resulting from any release of contaminants 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 (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 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

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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, 4th Floor
Columbus, Ohio 43215

If you have any questions regarding this authorization, please contact Craig Walkenspaw of Ohio EPA, SEDO at (740) 380-5440 or at craig.walkenspaw@epa.ohio.gov

Sincerely,



Laurie A. Stevenson
Director

ec: Jeremy Carroll, DMWM-CO
Rich Fox, DMWM-SEDO
Cary Bowers, Perry County Health District