



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
AIR QUALITY DIVISION



PHILLIP D. ROOS
DIRECTOR

December 12, 2024

Matthew Williams, Landfill Manager
Smiths Creek Landfill
6779 Smiths Creek Road
Smiths Creek, Michigan 48074

Dear Matthew Williams:

This letter is in reference to your Permit to Install (PTI) application, identified as No. APP-2024-0005, to permit an existing open flare with a proposed vacuum adsorption vessel to control odors. The landfill is located at 6779 Smiths Creek Road in Smiths Creek, Michigan (State Registration Number N6207).

The public comment period ended on November 26, 2024, and a virtual public hearing was held on November 19, 2024. Three sets of written comments were received during the comment period and three sets of verbal comments were presented at the public hearing. After careful consideration of the issues and pursuant to the delegation of authority from the Director of the Michigan Department of Environment, Great Lakes, and Energy (EGLE), I have approved PTI No. 139-24 with modifications to the proposed permit.

The changes made to the permit include:

- Special Condition II.3 – Correction of a typographical error to reference SC VI.4 instead of SC V.4.
- Special Condition VI.2 – Added language allowing Smiths Creek Landfill to also measure and record the methane content of the landfill gas using U. S Environmental Protection Agency (USEPA) Method 3C.
- Special Condition VI.6.a – Correction of the units in which the flare recorder will track the landfill gas flow rate from standard cubic feet per hour (scfh) to standard cubic feet per minute (scfm).
- Special Condition VI.6.e – Correction of the units for the emission factors from HHV in MMBtu/cfm to LHV in Btu/scf.

None of the modified conditions will result in changes to the allowed emissions, the impacts on the surrounding area, or the reviews performed by the Department of Environment, Great Lakes, and Energy (EGLE).

One commentor questioned if the proposed project involved turbines. The proposed project and associated permit only involved the open flare and the associated vacuum adsorption vessel to control odors, but no turbines.

This approval is based upon and subject to compliance with all administrative rules of EGLE and conditions stipulated in the enclosed supplement. Please review these conditions thoroughly so that you may take the actions necessary to ensure compliance with all of these conditions.

The equipment covered by this permit is also subject to the requirements of the Renewable Operating Permit (ROP) Program. Submittal of the M-001 and C-001 forms may be required prior to commencing operation. A change that is subject to Rule 215 subrules (1), (2), or (3), promulgated pursuant to Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, requires the submittal of the forms to the appropriate Air Quality Division (AQD) District Office. If a change is made pursuant to Rule 216, please submit the required forms to the Grand Rapids District Office at the address provided in the M-001 form instructions. Also, you must notify the Warren District Office, in writing, within 30 days after completion of the installation, construction, reconstruction, relocation, or modification of the process or process equipment covered by this PTI.

Additional information is included in the M-001 form instructions which are available on the Internet or can be obtained by contacting the Warren District Office at 586-412-6145 or 586-606-2572. The AQD ROP Web page is located at [Renewable Operating Permits \(ROPs\) / Title V.](#)

To help us improve the service we provide our customers, we encourage you to complete a *Permit to Install Customer Service Survey* on the following Web page:

<https://www.surveymonkey.com/s/aqdpctics>

If you have any questions regarding this permit, please contact Vrajesh Patel, Permit Section, AQD, at 517-582-3909 or PatelV@Michigan.gov; or you may contact me.

Sincerely,



Annette Switzer, Director
Air Quality Division
517-284-6773

Matthew Williams
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Enclosures

cc/enc: Senator Dan Lauwers
Representative Andrew W. Beeler
Rob Usakowski, Kimball Township Supervisor
Mike Boulter, St. Clair Township Supervisor
Becky Wrubel, Kimball Township Clerk
Joyce Skonieczny, St. Clair Township Clerk
Angie Waters, St. Clair County Clerk
John Beals, Ministry of the Environment, Conservation, and Parks, Sarnia
District Office
Teri Gilbert, Windsor Ministry of the Environment, Conservation and Parks
Genevieve Damico, USEPA, Region 5
Constantine Blathras, USEPA, Region 5
Laura Niemann, EILLC
Sydney Hart, Legislative Liaison, EGLE
Hugh C. McDiarmid, Jr., Communications Manager, EGLE
Regina Strong, Environmental Justice Public Advocate, EGLE
Josef Greenberg, Public Information Officer, EGLE
Joyce Zhu, EGLE
Vrajesh Patel, EGLE