

GENERAL PERMIT WMGR107
Processing of Non-PCB Transformer Oil in Mobile Processing
Units

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT
DIVISION OF MUNICIPAL AND RESIDUAL WASTE

Issued November 9, 2015

Expires November 9, 2025

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A. Description.

This general permit authorizes processing of non-PCB transformer oil in mobile processing units for the purpose of reconditioning the transformer oil. The approved reconditioning process is limited to filtration, heating, application of vacuum, and the addition of antioxidant.

B. Registration Requirements.

A person or municipality that proposes to process non-PCB transformer oil for beneficial use by operating under the terms and conditions of this general permit after the date of permit issuance must register with the appropriate Department Regional Office (see attached list) prior to commencing authorized activities under this general permit. A completed application on forms available from the Department must be submitted to the appropriate Department Regional Office. A check in the amount identified on Form 20 (Application for a Municipal or Residual Waste General Permit) shall be made payable to the "Commonwealth of Pennsylvania."

C. Operating Requirements.

1. The permittee shall ensure that all activities conducted under the authorization granted in this permit shall be conducted in accordance with these operating conditions and the permittee's application, where it does not conflict with the regulations or governing statutes and all applicable laws and regulations.
2. Approval is limited to the processing of non-PCB transformer oil to produce reconditioned transformer oil that is to be reused by the generator of the transformer oil.
3. The processing, testing and resultant reconditioned transformer oils shall be conducted in accordance with the procedures and standards found in the Institute of Electrical and Electronics Engineers (IEEE) standard C57.106-2002 (IEEE Guide for Acceptance and Maintenance of Insulating Oil in Equipment). Should the reconditioned transformer oil fall outside the range listed in IEEE C57.106-2002, the transformer oil shall be processed again to the extent necessary to meet these requirements or be conveyed to a facility permitted to manage this waste.
4. Prior to processing the transformer oil, the permittee shall verify that the transformer oil is non-PCB transformer oil (i.e., <50 ppm PCBs). This may be done by testing the transformer oil for PCBs or by examining the records containing history of the transformer oil used in the transformer.
5. The transformer oil shall not be mixed with other types of solid wastes, including hazardous waste, municipal waste, special handling waste, or other residual waste.
6. This permit does not authorize and shall not be construed as an approval to discharge any waste, wastewater, or runoff from the site of processing to the land or waters of the Commonwealth.

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7. The permittee shall comply with the fugitive emissions standards adopted under 25 Pa. Code Sections 123.1 and 123.2.
8. Nothing in this permit shall be construed to supersede, amend, or authorize a violation of any of the provisions of any valid and applicable local law, ordinance, or regulation, provided that said local law, ordinance, or regulation is not preempted by the Solid Waste Management Act, 35 P.S. § 6018.101 et seq., or the Municipal Waste Planning, Recycling and Waste Reduction Act of 1988, 53 P.S. § 4000.101 et seq.
9. As a condition of this permit, where the permittee operates the mobile processing equipment at his own place of business in the Commonwealth of Pennsylvania, he shall obtain from all landowners of his place of business where processing activities will occur, on a form provided by the Department, the authority to conduct the activities authorized by this permit and consent to allow authorized employees or agents of the Department to enter the permit area. This authorization and consent shall be obtained prior to the occurrence of processing at this location and be submitted to the Department's Regional Office in the region where the permittee's place of business is located.
10. As a condition of this permit and of the permittee's authority to conduct the activities authorized by this permit, the permittee hereby consents to allow authorized employees or agents of the Department, without advance notice or search warrant, upon presentation of appropriate credentials and without delay, to have access and to inspect all areas or permittee controlled adjacent areas where solid waste management activities are being or will be conducted. This authorization and consent shall include consent to collect samples of waste, water, or gases; to take photographs; to perform measurements, surveys, and other tests; to inspect any monitoring equipment; to inspect the methods of operation; and to inspect and/or copy documents, books, and papers required by the Department to be maintained or produced. (See Sec. 608 and 610(7) of the Solid Waste Management Act, 35 P.S. Sections 6018.608 and 6018.610(7).) This condition in no way limits any other powers granted to the Department under the Solid Waste Management Act, as amended.
11. Failure of the measures herein approved to perform as intended, or as designed, or in compliance with the applicable laws, rules and regulations and terms and conditions of this permit, for any reason, shall be grounds for the revocation or suspension of the permittee's approval to operate under this permit.
12. Any independent contractors or agents retained by the permittee in the completion of activities authorized under this permit shall be subject to prior compliance history review by the Department as specified by the Solid Waste Management Act of 1980, as amended.

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13. The activities authorized by this permit shall not harm or present a threat of harm to the health, safety or welfare of the people or environment of this Commonwealth. The Department may modify, suspend, revoke or reissue the authorization granted in this permit if it deems necessary to prevent harm or the threat of harm to the public health, or the environment.
14. Equipment used for the processing of transformer oil shall be maintained in good operating condition. Daily inspections of equipment during waste processing activities shall be conducted to ensure that equipment will operate properly and to examine for evidence of equipment failure.
15. The processing of transformer oil shall be in a manner that will not create a nuisance or be harmful to public health, safety, or the environment.
16. The mobile processing unit shall be set up and operated in a manner that prevents spills, leaks, or other releases.
17. Storage of transformer oil by the permittee shall be in a manner that complies with 25 Pa. Code Chapter 298.54 (relating to waste oil management). Residues from processing of transformer oil shall be stored and managed in a manner that complies with 25 Pa. Code Chapter 298.54, 25 Pa. Code Chapter 299 Subchapter A (relating to standards for storage of residual waste) or 40 CFR Part 262 (relating to requirements for generators of hazardous waste) as incorporated by reference at 25 Pa. Code 262a.10, whichever is applicable.
18. The permittee shall comply with the terms and conditions of this general permit and with the environmental protection acts to the same extent as if the activities were covered by an individual permit. The Department may require an individual permit if the permittee is not in compliance with the conditions of this general permit or is conducting an activity that harms or presents a threat of harm to the health, safety, or welfare of the people or the environment.
19. Reconditioned transformer oil meeting the requirements of Condition C3 and destined for reuse as a substitute for a commercial virgin transformer oil product ceases to be waste unless one of the following occurs: 1) the transformer oil is spilled, discharged, or otherwise abandoned or disposed; or 2) the reconditioned transformer oil is not reused by the generator of the transformer oil.

D. Recordkeeping.

1. Records of any analytical evaluations conducted on the spent and reconditioned transformer oils pursuant to the residual waste regulations and this permit shall be kept by the permittee at the permittee's place of business and shall be available to the Department for inspection. At a minimum, these records shall include information on the dates of testing, each parameter tested, the results, the laboratory, sampling procedures, analytical methodologies and person collecting the sample. This waste analysis information shall be retained by the permittee at the permittee's place of

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business for a minimum of 5 years after the analyses were performed. Copies of this information shall be submitted to the Department upon request.

2. The permittee shall maintain records that contain: the name, address, and phone number of each customer, the dates and quantity of transformer oil processed at each location, and the results of any analytical determination as required in Conditions C3 and C4 for each batch processed. The permittee shall also maintain records of all spills and releases that contain: location, date, time, identification and quantity of spilled or released material, and a description of how the material was cleaned up and managed. These records shall be retained by the permittee at the permittee's place of business for a minimum of 5 years from the date the records were generated. Copies of this information shall be submitted to the Department upon request.

E. Reporting Requirements.

1. The permittee shall immediately notify the Solid Waste Manager at the appropriate Department Regional Office (see attached list) within 30 days, in writing, of any changes in: the name, address, owners, operators and/or responsible officials of the company; and the compliance status (e.g., violations) of any permit issued by the Department or federal government under the environmental protection acts.
2. The permittee shall immediately notify the Department's Emergency Hotline at (717) 787-4343 and the appropriate DEP regional office in the event of a discharge or spill of transformer oil or any residue from processing and shall take appropriate immediate action to protect the health and safety of the public and the environment. Spills of less than 5 gallons of transformer oil need not be immediately reported, but shall be recorded as specified in Condition D2. Spills containing any transformer oils capable of reaching surface water must be immediately reported and should be recorded as specified in Condition D2.

F. Renewal.

A person that plans to continue the operations authorized under this general permit, after the expiration date indicated on the approval for coverage page, shall file a complete application for permit renewal at least 180 days before the expiration date of this general permit unless permission has been granted by the Department for submission at a later date. The renewal application shall be made using the "Form 20 (Application for a Municipal or Residual Waste General Permit)". The renewal shall be sent to the attention of the Department's Bureau of Waste Management, Rachel Carson State Office Building, 400 Market Street, P.O. Box 69170, Harrisburg, PA 17106-9170.

In the event that a timely and complete application for renewal has been submitted and the Department is unable, through no fault of the permittee, to reissue the general permit or approval for coverage before its current coverage expiration date, the terms and conditions of the approved coverage will automatically continue and will remain fully effective and enforceable pending the issuance or denial of the application for renewal for permit coverage, provided the permittee is, and has been, operating in compliance with the terms and conditions of the general permit.

**Department of Environmental Protection
Regional Offices
(and Counties Served)**

- I. Bucks, Chester, Delaware, Montgomery, Philadelphia.

Southeast Regional Office
2 East Main Street
Norristown, PA 19401
Phone: (484) 250 - 5960

- II. Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne, Wyoming.

Northeast Regional Office
2 Public Square
Wilkes-Barre, PA 18711-0790
Phone: (570) 826 - 2516

- III. Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry, York.

Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110-8200
Phone: (717) 705 - 4706

- IV. Bradford, Cameron, Centre, Clearfield, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga, Union.

Northcentral Regional Office
208 West 3rd Street - Suite 101
Williamsport, PA 17701
Phone: (570) 327 - 3653

- V. Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington, Westmoreland.

Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222-4745
Phone: (412) 442 - 4000

- VI. Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango, Warren.

Northwest Regional Office
230 Chestnut Street
Meadville, PA 16335-3481
Phone: 814-332-6848