



Submission of this form constitutes notice that the party identified in Section I of this form intends to be authorized to install/operate a source of air pollution according to the permit-by-rule provisions of OAC 3745-31-03(A)(4)(a), and (e) or (f). By submitting this form, the applicant agrees to operate and maintain the facility and equipment in accordance with the applicable permit-by-rule provisions. An original signature is needed and forms transmitted by fax will not be accepted. Complete all information as indicated by the instructions.

I. Applicant Information / Mailing Address

Company (Applicant) Name: _____

Mailing (Applicant) Address: _____

City: _____ State: _____ Zip Code: _____

Contact Person: _____ Phone: _____ Fax: _____ E-mail: _____

II. Facility / Site Location Information

Facility Name: _____

Facility Address / Location: _____ County: _____

City: _____ State: _____ Zip Code: _____

Facility Contact: _____ Phone: _____ Fax: _____ E-mail: _____

Ohio EPA Facility ID Number (10-digit) if known – *See Instructions*: _____

III. Reason for Submitting Notification:

- Initial request
- Equipment modification
- Ownership change
- Request for revocation of current permit - *See Instructions and complete additional information below*

Permit to install (PTI) or Permit to operate (PTO) number

Emission Unit ID (4-digit)

IV. Type of Remediation Activity – See Instructions: Soil-vapor extraction Soil-liquid extraction

V. Permit-by-rule Qualifying Criteria:

- Yes No Is the total combined emission rate from the remediation activities less than 15 pounds of organic compounds per day?
- Yes No Will the remediation activities be completed within 18 months of startup?

VI. Project-Specific Data and Milestones

Complete the following Appendix A describing the type of contamination at the site, remediation process to be used, air emissions, and milestones for completing the project. Attach additional sheets of paper as needed. Submit a completed Appendix A with the notification form.

I certify under penalty of law that all statements or assertions of fact made in this notification are true and complete, and shall subject the signatory to liability under state laws forbidding false or misleading statements.

Applicant Name (Print): _____ Title: _____

Applicant Signature: _____ Date: _____

RETAIN A COPY OF THIS FORM FOR YOUR RECORDS

Mail the original, signed form to the appropriate Air Permit Review Agency (District Office/ Local Air Agency) for your county. (Please refer to the Air Permit Review Agency map in the attached instructions for mailing address).
Rev 12/10

For Ohio EPA Use Only:

FAC ID: _____
Date received _____

APPENDIX A – Attachment to Permit-by-Rule Notification Form: Soil Liquid/Vapor Remediation

Provide a narrative description of the following items. Attach additional sheets if necessary.

Location and description of the remediation site:
Description of the nature and type of contamination at the site:
Description of the vapor/liquid extraction processes and liquid-vapor stripping processes (if applicable):
Estimate of the air contaminant emissions in parts per million (ppm) by volume, pounds per hour, and tons per year:
Description of the costs of the vapor control equipment to be used to control emissions from the remediation activities:
Description of the projected start date of the remediation project, a list of the project milestones and an estimate of how long the remediation activities will operate:

PROJECT MILESTONE REPORTING REQUIREMENT: In accordance with the permit-by-rule, the applicant is required to notify the appropriate Ohio EPA District Office or Local Air Agency when the project has begun, when major project milestones are met and when the remediation activities are completed.

INSTRUCTIONS: Permit-by-Rule Supplemental Form Soil Vapor/Liquid Remediation Activities

GENERAL INSTRUCTIONS:

Provide complete responses to all applicable questions. Submittal of an incomplete form will delay review and processing. If you need assistance, contact your Ohio EPA District Office or Local Air Agency for assistance. Contact the Ohio EPA, Division of Air Pollution Control at (614) 644-2270 for more information on contacting your local district office or go to <http://www.epa.ohio.gov/dapc> and select the topic "District Offices and Local Air Agencies". For more information on the permit-by-rule process, including online tracking of your notification form, go to <http://www.epa.ohio.gov/dapc/pbr/permitbyrule.aspx>

This is a notification form for soil-vapor or soil-liquid remediation activities intended to be installed and/or operated according the permit-by-rule provisions of OAC 3745-31-03(A)(4)(a) and (e) or (f). This permit-by-rule (PBR) provision is intended to cover all processing equipment (pumps, air strippers, holding tanks, etc.) which are part of the remediation project but does not cover other types of air pollution sources at the facility such as unpaved roadways, material storage piles, or diesel electrical generators which may require air pollution permits. For copies of these regulations, contact your Ohio EPA District Office or Local Air Agency. State regulations may also be viewed and downloaded from the Ohio EPA website at <http://www.epa.ohio.gov/dapc/regs/regs.aspx>

- I. Enter the company name, corporate name or other name and mailing address for the legal entity which owns or operates the facility specified in the permit-by-rule notification (example: Hi-Way Gas Stations, Inc. or ABC Materials Corporation). Provide the name of the individual to be contacted concerning questions about the notification form being submitted.
- II. Enter the name and address for the facility at which the permit-by-rule units (equipment) operate (example: 45th Street Shop, Columbus Plant, Station #27). This could be the same as the applicant name if the facility has no independent name. This address information is the location of the facility and not the mailing address, unless they are the same. Provide the name of the individual at the facility to be contacted concerning questions about the operation of the facility. Please specify the 10-digit Ohio EPA facility ID number if the facility has been issued air pollution permits from the Ohio EPA. If no permits exist, leave this blank. The facility ID number is contained in permits to install, permits to operate, or fee emission reports sent to the facility by Ohio EPA. If not known, contact the District Office or Local Air Agency with jurisdiction in the area the facility is located to confirm the facility ID number.
- III. Check all applicable boxes. Check "Initial" if this is a new installation or the first request to operate under a permit-by-rule provision. Check "Equipment modification" if making substantial equipment changes (example: processing different materials, addition of different remediation equipment or method) since the initial notification. Check "Ownership change" if the facility has changed names, contact person, or has a new owner intending to operate under a permit-by-rule provision. If using this form to also request the revocation of existing permits, specify the permit numbers and all applicable 4-digit emission unit IDs (P001, P002, T001, etc.) These numbers are contained in permits to install, permits to operate, or fee emission reports sent to the facility by Ohio EPA. If not known, contact the District Office or Local Air Agency with jurisdiction in the area the facility is located to confirm the permit numbers and emission unit ID numbers.
- IV. Check the appropriate box for the type of remediation activity. *Soil-liquid extraction remediation activities* means soil remediation activities that use a process for physically separating (extracting) groundwater from soils contaminated with low levels of organic species or other pollutants that are moderately soluble in an aqueous phase using a trench dug around or along side the contaminated soil perpendicular to the groundwater's down gradient flow direction. The contaminated groundwater is collected in the trench and transferred out of the trench for further treatment to separate the soluble contaminants from the water and to destroy the contaminants in an air pollution control system. *Soil-vapor remediation activities* means soil remediation activities that use a process for physically separating (extracting) contaminants that are volatile organic compounds and semivolatile organic compounds from unsaturated soils by placing a porous tube (or tubes) under vacuum in the contaminated soil, and when a vacuum is drawn on the tube, vapor and some groundwater are drawn into the tube. The vapors collected through the vacuum system are then sent to an air pollution control system to destroy the organic contaminants.
- V. Check the appropriate boxes regarding the amount of daily air emissions and the duration of remediation activities. If one or more of these is answered "No", the operations are not eligible for PBR authorization to install or operate. Please complete a permit-to-install application (forms are available at <http://www.epa.ohio.gov/dapc/fops/eac/eacforms.aspx> under "Permits (Permit to Install and Permit to Operate)", or continue to operate in accordance with your existing permits if the operation has been previously permitted.
- VI. Complete Appendix A describing in-depth details about the remediation project, attaching additional pages if necessary. Attach the completed Appendix A to the PBR Notification Form.

Signature Requirements – This notification will be deemed incomplete if it is not signed by the appropriate signatory. Please see the following guidance at http://www.epa.ohio.gov/portals/27/title_v/respoff.pdf for more information on who is authorized to sign this form or contact your Ohio EPA District Office or Local Air Agency.

Permit-by-Rule Requirements: Soil Vapor/Liquid Remediation Activities

Excerpts from applicable sections of Ohio Administrative Code 3745-31-03(A)(4) are included with these Instructions for convenience. An owner or operator of soil-vapor or soil-liquid remediation activities that intends to install and/or operate according to the permit-by-rule provisions must comply with all applicable requirements specified in paragraphs (A)(4)(a) – General Provisions, and (A)(4)(e) – Soil-vapor extraction remediation activities or (A)(4)(f) – Soil-liquid extraction remediation activities.

(4) Permit-by-rule exemptions

The following air contaminant sources are exempt from the requirement to obtain a permit to install. These exemptions are valid only as long as the owner or operator complies with all of the permit-by-rule general provisions, meets the qualifying criteria defined in the applicable permit-by-rule and complies with all of the requirements under the applicable permit-by-rule specific provisions. Upon request by the director, the owner or operator of a facility that has exceeded the permit-by-rule thresholds or that the director finds is causing or may cause a public nuisance in violation of rule 3745-15-07 of the Administrative Code shall submit an application for a permit to install.

These exemptions do not, however, exempt any air contaminant source from requirements of the federal Clean Air Act, including being considered for purposes of determining whether a facility constitutes a major source or is otherwise regulated under Chapter 3745-77 of the Administrative Code or any requirement to list insignificant activities and emission levels in a Title V permit application. In addition, this rule does not relieve the owner or operator from the requirement of including the emissions associated with the exempt sources into any major new source review permitting action.

(a) General provisions

These general provisions apply to all owner or operators who are utilizing one or more of the permit-by-rule exemptions listed in paragraphs (A)(4)(b) through (A)(4)(l).

(i) Recordkeeping requirements

The owner or operator shall collect and maintain the records described for each air contaminant source exempted under paragraph (A)(4) of this rule and these records shall be retained in the owner or operator's files for a period of not less than five years, unless otherwise specified in each exemption. These records shall be made available to the director or any authorized representative of the director for review during normal business hours.

(ii) Notification requirements for new installations

For the purposes of this paragraph, a new permit-by-rule air contaminant source is an air contaminant source installed after the promulgation date of any new applicable permit-by-rule or July 29, 2005, whichever comes later. The owner or operator of a new permit-by-rule air contaminant source electing to use an applicable permit-by-rule exemption shall submit a written notification in a form and manner prescribed by the director prior to installation of the air contaminant source. This notification, or form, shall be submitted to the appropriate Ohio environmental protection agency district office or local air agency, and shall contain the following information:

- (a) The owner or operator's and the facility contact's name;
- (b) The facility mailing address and telephone number;
- (c) The location of the air contaminant source(s);
- (d) A description of the air contaminant source, including any pollution control(s); and
- (e) A statement by the owner or operator that indicates which permit-by-rule applies to the air contaminant source.

(iii) Notification requirements for existing permitted sources

The owner or operator of an air contaminant source which is operating under an existing permit to install and/or permit to operate may continue to operate in compliance with that permit or may submit a written request to the Ohio EPA to revoke any such individual permit or permits and to allow the air contaminant source to operate under the permit-by-rule provisions. The director may revoke a permit to install and/or permit to operate if the permittee requests revocation, agrees to meet all permit-by-rule qualifying and operating conditions, and the director determines that the revocation will not result in the violation of any applicable laws. When a permittee requests a revocation pursuant to this paragraph, the director, without prior hearing, shall make a final determination on the request and inform the permittee in writing. If the director agrees with the request to operate under the permit-by-rule, then the permit-by-rule becomes applicable to the permittee on the date the existing permit to install and/or permit to operate are revoked.

(iv) Notification requirements for existing permit-by-rule sources

The owner or operator of an air contaminant source that is operating under one of the permit-by-rules that existed prior to July 29, 2005 (emergency electrical generators, injection and compression molding, crushing and screening plants, soil-vapor extraction and soil-liquid extraction) and desires to continue operating under the permit-by-rule shall submit a written notification which contains all of the elements required in paragraph (A)(4)(a)(ii) of this rule. This notification shall be submitted to the appropriate Ohio environmental protection agency district office or local air agency and shall be submitted by July 29, 2006.

(v) Records retention requirements

Each record of any monitoring data, testing data, and support information required pursuant to a specific permit-by-rule shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the specific permit-by-rule. Such records may be maintained in computerized form.

(vi) Reporting requirements

The owner or operator shall submit required reports in the following manner:

(a) Reports of any monitoring and/or record keeping information required by a specific permit-by-rule shall be submitted to the appropriate Ohio environmental protection agency district office or local air agency.

(b) Except as otherwise may be provided in a permit-by-rule specific reporting requirements paragraph of a specific permit-by-rule, a written report of any deviations (excursions) from emission limitations, operational restrictions, qualifying criteria, and control equipment operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in the permit-by-rule shall be submitted to the appropriate Ohio environmental protection agency district office or local air agency within thirty days of the date the deviation occurred. The report shall describe the specific limitation and/or operational restriction exceeded, the probable cause of such deviation, and any corrective actions or preventive measures that have been or will be taken.

(vii) Scheduled maintenance/malfunction reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of rule 3745-15-06 of the Administrative Code. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio environmental protection agency district office or local air agency in accordance with paragraph (B) of rule 3745-15-06 of the Administrative Code. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is served by such control system(s).

Note: Paragraphs (b), (c), and (d) are not included since they do not apply to the remediation activity PBRs

(e) **Soil-vapor extraction remediation activities** located at facilities that have total combined emission rates less than fifteen pounds of OCs per day are hereby exempted from the permit-to-install requirements for a period of eighteen months from the beginning of vapor extraction activities so long as the owner or operator provides the director with the following information prior to beginning actual construction:

(i) A description and the location of the remediation site.

(ii) A description of the nature and type of contamination at the site.

(iii) A description of the vapor extraction processes to be used in the remediation activities.

(iv) An estimate of the air contaminant emissions in parts per million by volume, pounds per hour and tons per year.

(v) A description of the costs of the vapor control equipment to be used to control emissions from the remediation activities.

(vi) A description of the projected start date of the remediation project, a list of the project milestones and an estimate of how long the remediation activities will operate.

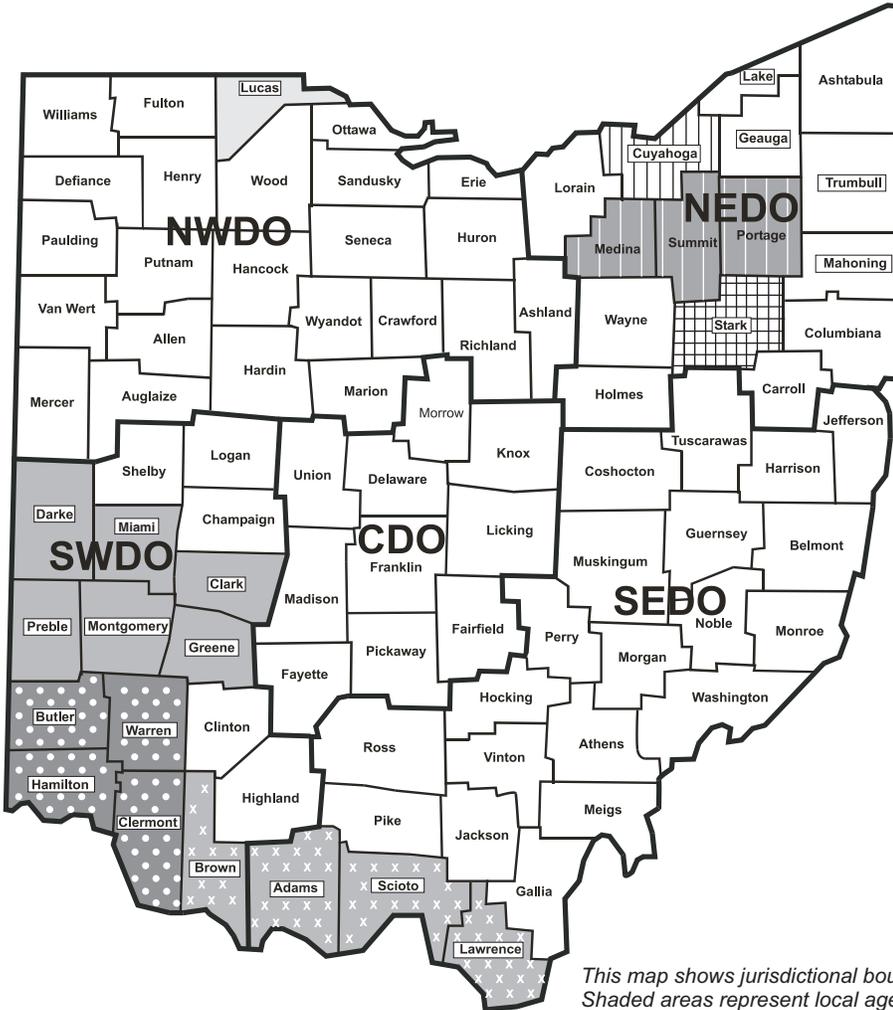
(vii) A notice of when the soil-vapor extraction remediation activities begin, when major project milestones are met and when the remediation activities are completed.

(f) Soil-liquid extraction remediation activities located at facilities that have total combined emission rates less than fifteen pounds of OCs per day are hereby exempted from the permit-to-install requirements for a period of eighteen months from the beginning of the liquid extraction activities so long as the owner or operator provides the director with the following information prior to beginning actual construction:

- (i) A description and the location of the remediation site.
- (ii) A description of the nature and type of contamination at the site.
- (iii) A description of the liquid extraction and liquid-vapor stripping processes to be used in the remediation activities.
- (iv) An estimate of the air contaminant emissions in parts per million by volume, pounds per hour and tons per year.
- (v) A description of the costs of the vapor control equipment to be used to control emissions from the remediation activities.
- (vi) A description of the projected start date of the remediation project, a list of the project milestones and an estimate of how long the remediation activities will operate.
- (vii) A notice of when the soil-liquid extraction remediation activities begin, when major project milestones are met and when the remediation activities are completed.

Air Permit Review Agencies

Division of Air Pollution Control
Ohio EPA, Central Office
(614) 644-2270
www.epa.ohio.gov/dapc/general/dolaa.aspx



*This map shows jurisdictional boundaries.
Shaded areas represent local agencies within Ohio EPA districts.*

Environmental Protection Agency

District Offices

CDO APC Manager
01 Central District Office
50 West Town Street, Suite 700
Columbus, OH 43215
(614) 728-3778 FAX (614) 728-3898

SEDO APC Manager
06 Southeast District Office
2195 Front St.
Logan, OH 43138
(740) 385-8501 FAX (740) 385-6490

NEDO APC Manager
02 Northeast District Office
2110 E. Aurora Rd.
Twinsburg, OH 44087
(330) 963-1161 FAX (330) 487-0769

NWDO APC Manager
03 Northwest District Office
347 North Dunbridge Rd.
Bowling Green, OH 43402
(419) 352-8461 FAX (419) 352-8468

SWDO APC Manager
05 Southwest District Office
401 E. Fifth St.
Dayton, OH 45402-2911
(937) 285-6357 FAX (937) 285-6249

Administrator
Akron Regional Air Quality
Management District
146 South High St, Room 904
Akron, Ohio 44308
(330) 375-2480 FAX (330) 375-2402

Commissioner
Cleveland Dept. of Public Health
Division of Air Quality
75 Erievue Plaza, 2nd Floor
Cleveland, Ohio 44114
(216) 664-2297 FAX (216) 420-8047

Director
Portsmouth Local Air Agency
605 Washington St., Third Floor
Portsmouth, Ohio 45662
(740) 353-5156 FAX (740) 353-3638

Administrator
Air Pollution Control Division
Canton City Health Dept.
420 Market Ave. North
Canton, Ohio 44702-1544
(330) 489-3385 FAX (330) 489-3335

Administrator
Regional Air Pollution Control Agency
Public Health Dayton and Montgomery Cnty.
117 South Main St.
Dayton, Ohio 45422-1280
(937) 225-4435 FAX (937) 225-3486

Administrator
City of Toledo
Division of Environmental Services
348 South Erie Street
Toledo, Ohio 43604
(419) 936-3015 FAX (419) 936-3959

Director
Dept. of Environmental Services
Air Quality Programs
250 William Howard Taft Road
Cincinnati, Ohio 45219-2660
(513) 946-7777 FAX (513) 946-7778