

Facility ID: 0829110133 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0829110133 Emissions Unit ID: P013 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
ground water remediation system with 7.5 gallon per minute ("GPM") air stripper	OAC rule 3745-31-05 (PTI 08-3540)	0.57 lb/day organic compounds
	OAC rule 3745-21-07	0.06 tons per year ("TPY") organic compounds See 2.a below.

2. **Additional Terms and Conditions**
 - (a) The emission limitation required by this applicable rule is less stringent than the emission limitation established by best available technology under OAC rule 3745-31-05.

B. Operational Restrictions

1. The maximum daily flowrate of water through this unit shall not exceed 3,600 gallons per day.
2. The total organic compound concentrations in the influent water stream to this emissions unit shall not exceed 18.9 milligrams per liter ("mg/l") at the maximum ground water throughput rate of 3600 gallons per day. Higher influent concentrations are allowed provided the flow rate is adjusted downward to ensure compliance with the allowable organic compound emission rate of 0.57 lb/day.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall take samples of the influent ground water stream at least once per month (for any month in which this emissions unit is operated) and conduct, or have conducted, an analysis for organic compound concentrations, in mg/l. The results of this analysis shall be recorded.
2. The permittee shall collect and record the following information for each month in which the emissions unit is in operation:
 - a. the throughput of water, in gallons;
 - b. the number of days the emissions unit was in operation;
 - c. the average throughput of water, in gallons per day, i.e., C.2.a/C.2.b; and
 - d. the average emissions rate of organic compounds, in lbs/day, i.e., C.2.c * the organic compound concentration from C.1 * 3.785 l/gallon * 1 gram/1000 mg * 1 lb/453.6 grams.

D. Reporting Requirements

1. The permittee shall submit quarterly reports to the Regional Air Pollution Control Agency which include the following information:
 - a. the number of days each month the emissions unit was in operation;
 - b. the results of the monthly groundwater analyses for organic compounds, in mg/l;
 - c. the identification of each month in which the average water throughput exceeded 3600 gallons per day;
 - d. the average number of gallons of water throughput for each month identified in Section D.1.c;
 - e. the identification of each month in which the average organic compound emission rate was higher than 0.57

lbs/day;

f. the organic compound emission rate for each month identified in Section D.1.e; and

g. the corrective actions taken for each month when the average daily organic compound emission rate was exceeded.

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

2. The permittee shall submit annual reports to the Regional Air Pollution Control Agency which identify the annual organic compound emission rate for the preceding calendar year, in TPY. These reports shall be submitted by January 31 of each year.
3. The permittee shall notify the Regional Air Pollution Control Agency at such a point that ground water remediation using this emissions unit is completed or suspended, and the emissions unit is scheduled to be removed, or shut down, for a period of more than 1 year.

E. Testing Requirements

1. Compliance with the operational restrictions and emission limitations in Sections A.I, B.1 and B.2 of these terms and conditions shall be determined in accordance with the following method(s):

Operational Restriction:

18.9 mg/l organic compound concentration in the influent water, while the emissions unit is operating at maximum throughput

Applicable Compliance Method:

Compliance with the influent water organic compound concentration shall be demonstrated based on water testing in accordance with USEPA Method 624 (40 CFR Part 136, Appendix A) while the emissions unit is operating at the maximum throughput. For periods of time when the organic compound concentration in the influent water is greater than 18.9 mg/l, compliance with the influent water organic compound concentration shall be demonstrated based on the organic compound emissions rate being less than 0.57 lb/day.

Operational Restriction:

3600 gallons per day maximum water throughput

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in Section C.2.c.

Emissions Limitation:

0.57 lb/day organic compounds

Applicable Compliance Method:

Compliance shall be demonstrated based upon the record keeping requirements specified in Section C.2.d.

Emission Limitation:

0.06 TPY organic compounds

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the records in Section C.2.d times the records in Section C.2.b for each month, summing the monthly numbers over the period of a calendar year, and then dividing by 2,000 pounds per ton.

F. Miscellaneous Requirements

1. None