



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
WASHINGTON COUNTY**

CERTIFIED MAIL

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:
Lazarus Gov. Center
P.O. Box 1049

**Application No: 06-07885
Fac ID: 0684010127**

DATE: 10/25/2005

EnviroTank Clean, Inc.
Bhajan Saluja
12381 State Route 7, Unit A
Belpre, OH 45714

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, Ohio 43215

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA

SEDO



**Permit To Install
Terms and Conditions**

**Issue Date: 10/25/2005
Effective Date: 10/25/2005**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 06-07885

Application Number: 06-07885
Facility ID: 0684010127
Permit Fee: **\$0**
Name of Facility: EnviroTank Clean, Inc.
Person to Contact: Bhajan Saluja
Address: 12381 State Route 7, Unit A
Belpre, OH 45714

Location of proposed air contaminant source(s) [emissions unit(s)]:

**12381 State Route 7 Unit A
Belpre, Ohio**

Description of proposed emissions unit(s):

Administrative modification of PTI 06-07885, issued September 27, 2005 to correct facility owner name and mailing address.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit 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 this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon

EnviroTank Clean, Inc.
PTI Application: 06-07885
Modification Issued: 10/25/2005

Facility ID: 068401012

the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. 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 (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

EnviroTank Clean, Inc.
PTI Application: 06-07885
Modification Issued: 10/25/2005

Facility ID: 068401012

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

EnviroTank Clean, Inc.
 PTI Application: 06-07885
 Modification Issued: 10/25/2005

Facility ID: 068401012

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

| <u>Pollutant</u> | <u>Tons Per Year</u> |
|------------------|----------------------|
| NO _x | 2.9 |
| CO | 1.6 |
| SO ₂ | 10.8 |
| PE | 7.4 |

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | |
|--|--------------------------------------|---------------------------|
| B001 - 4.18 million BTU/hr boiler fired with natural gas and/or on-spec used oil | OAC rule 3745-31-05(A)(3) | OAC rule 3745-18-06 |
| | OAC rule 3745-17-07(A)(1) | OAC rule 3745-17-10(C)(1) |

EnviroTank Clean, Inc.
PTI Application: 06 07005
Modif

Facility ID: 068401012

Emissions Unit ID: B001

Applicable Emissions
Limitations/Control Measures

Emissions shall not exceed:

0.64 pound per hour (lb/hr) and
2.9 tons per year (TPY)
nitrogen oxides (NO_x);

0.35 lb/hr and 1.6 TPY carbon
monoxide (CO);

2.45 lbs/hr and 10.8 TPY sulfur
dioxide (SO₂); and

7.4 TPY particulate emissions
(PE).

See Sections A.2.a and A.2.b
below.

The requirements of this rule
also include compliance with
the requirements of OAC rules
3745-17-07(A)(1) and 3745-17-
10(C)(1).

Visible particulate emissions
shall not exceed 20% opacity
as a six-minute average, except
as provided by rule.

Emissions shall not exceed 0.4
pound particulate emissions per
million BTU actual heat input.

Exempt. See Section A.2.c
below.

2. Additional Terms and Conditions

- 2.a** All used oil burned in this emissions unit shall be "on-specification" (on-spec) oil and must meet the used oil fuel specifications contained in OAC 3745-279-11, which restricts the used oil to the following limitations:

| <u>Contaminant/Property</u> | <u>Allowable Specifications</u> |
|-----------------------------|---------------------------------|
| arsenic | 5 ppm, maximum |
| cadmium | 2 ppm, maximum |
| chromium | 10 ppm, maximum |
| lead | 100 ppm, maximum |
| total halogens | 4,000 ppm maximum** |
| flash point | 100°F, minimum; |

and shall also not exceed the following maximum PCB and mercury limitations nor fall below the following heating value:

| | |
|--------------|-----------------------------|
| heat content | 135,000 Btu/gallon, minimum |
| PCB's | 50 ppm, maximum* |
| mercury | 1 ppm, maximum |

* Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under paragraph (B)(1) of rule 3745-279-10 of the Administrative Code. The permittee may receive and burn used oil exceeding 1,000 ppm total halogens (but less than 4,000 ppm maximum) only if the permittee has demonstrated that the used oil does not contain any hazardous waste pursuant to OAC rule 3745-279-63.

The burning of used oil not meeting the above limitations is prohibited in this emissions unit. The management and burning of used oil is subject to the Standards for the Management of Used Oil, OAC Chapter 3745-279, and the permittee shall document and assure that used oils burned in this emissions unit meet all of the applicable requirements of this Chapter.

- 2.b** All on-spec used oil burned in this emissions unit shall have a sulfur content equal to or less than 0.5%, by weight.
- 2.c** This emissions unit is exempt from the requirements of OAC rule 3745-18-06(D) pursuant to OAC rule 3745-18-06(B).

B. Operational Restrictions

1. The permittee shall only burn natural gas and/or on-spec used oil in this emissions unit.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall receive and maintain the chemical analyses from the supplier/marketer for each shipment of used oil burned in this emissions unit, which shall contain the following information:
 - a. The date the used oil was received at the facility;
 - b. The name, address, and U.S. EPA identification number (if applicable) of the generator, transporter, processor/re-finer, supplier, and/or marketer;
 - c. The results of the chemical analyses demonstrating the used oil meets the standards in OAC 3745-279-11, including:
 - i. Arsenic content, in ppm;
 - ii. The cadmium content, in ppm;
 - iii. The chromium content, in ppm;
 - iv. The lead content, in ppm;
 - v. Total halogens, in ppm; and
 - vi. The flash point
 - d. The analysis demonstrating that the used oil has a total halogen content below 1,000 ppm, or below 4,000 ppm with the demonstration for the rebuttal of the presumption that the oil is hazardous waste or has been mixed with hazardous waste, as described in OAC rule 3745-279-63 (B); and
 - e. The results of the analyses demonstrating that the used oil meets the heating value and mercury and PCB limitations contained in this permit.

Modification Issued: 10/25/2005

Each analysis shall be kept in a readily accessible location for a period of not less than 3 years following the receipt of each shipment of used oil and shall be made available to the Ohio EPA Division of Hazardous Waste Management and/or the Division of Air Pollution Control (the appropriate Ohio EPA District Office or local air agency) upon verbal or written request. Any authorized representative of the Ohio EPA may sample or require sampling of any used oil shipments received, stored, or burned by/at this facility for periodic detailed chemical analyses, through an independent laboratory.

2. For each shipment of on-spec used oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content.
3. For each day during which the permittee burns a fuel other than natural gas or on-spec used oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

D. Reporting Requirements

1. The permittee shall notify the Ohio EPA Division of Hazardous Waste Management and the Division of Air Pollution Control (the appropriate Ohio EPA District Office or local air agency), in writing and within 30 days, of burning any used oil exceeding the limitations found in OAC rule 3745-279-11 and/or any incident or occurrence of non-compliance with any other applicable requirement of OAC Chapter 3745-279; and shall also notify the Ohio EPA Division of Air Pollution Control, within the same amount of time, if any oil is/was burned which exceeds the mercury limitation of 1 ppm and/or is documented as having a heating value of less than 135,000 Btu/gallon.
2. The permittee shall notify the Division of Air Pollution Control (the appropriate District Office or local air agency) in writing of any record which shows an exceedance of the sulfur content limit specified in Section A.2.b above. The notification shall include a copy of such record and shall be sent to the Division of Air Pollution Control (the appropriate District Office or local air agency) within 30 days after the deviation occurs.
3. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas or on-spec used oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions

Emissions Unit ID: B001

shall be determined in accordance with the following method(s):

a. **Emission Limitation**

Emissions shall not exceed 0.64 lb/hr and 2.9 TPY NO_x.

Applicable Compliance Method

Compliance with the hourly emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 1.11-2, 10/1996 (19 lb/1000 gallons) by the maximum hourly used oil consumption of B001 (33.26 gallons/hr). Compliance with the annual emission limitation shall be demonstrated by multiplying the hourly emission rate by 8760 hr/yr, and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the hourly emission limitation in accordance with the methods and procedures specified in Methods 1-4 and 7 of 40 CFR Part 60, Appendix A.

b. **Emission Limitation**

Emissions shall not exceed 0.35 lb/hr and 1.6 TPY CO.

Applicable Compliance Method

Compliance with the hourly emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 1.4-1, 7/1998 (84 lb/million ft³) by the maximum hourly natural gas consumption of B001 (4098 ft³/hr). Compliance with the annual emission limitation shall be demonstrated by multiplying the hourly emission rate by 8760 hr/yr, and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with hourly emission limitation in accordance with the methods and procedures specified in Methods 1-4 and 10 of 40 CFR Part 60, Appendix A.

c. **Emission Limitation**

Emissions shall not exceed 2.45 lbs/hr and 10.8 TPY SO₂.

Applicable Compliance Method

Compliance with the hourly emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 1.11-2, 10/1996 (147S lb/1000 gallons, where S is the fuel sulfur content), by the maximum hourly used oil consumption of B001 (33.26 gallons/hr). Compliance with the annual emission limitation shall be demonstrated by multiplying the hourly emission rate by 8760 hr/yr, and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance with the hourly emission limitation in accordance with the methods and procedures specified in Methods 1-4 and 6 of 40 CFR Part 60, Appendix A.

d. **Emission Limitation**

Emissions shall not exceed 7.4 TPY PE.

Applicable Compliance Method

Compliance shall be demonstrated by multiplying the emission factor from AP-42, Table 1.11-1, 10/1996 (64A lb/1000 gallons, where A is the fuel ash content), by the maximum hourly used oil consumption of B001 (33.26 gallons/hr) and by 8760 hr/yr, and dividing by 2000 lbs/ton.

e. **Emission Limitation**

Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule.

Applicable Compliance Method

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with OAC rule 3745-17-03(B)(1).

f. **Emission Limitation**

Emissions shall not exceed 0.4 pound particulate emissions per million BTU actual heat input.

Applicable Compliance Method

Compliance shall be demonstrated by dividing the emission factor from AP-42, Table 1.11-1, 10/1996 (64A lb/1000 gallons, where A is the fuel ash content), by the minimum allowable heat content of used oil (0.135 million BTU/gal).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Methods 1-5 of 40 CFR Part 60, Appendix A.

F. Miscellaneous Requirements

EnviroTank Clean, Inc.
PTI Application: 06 07005
Modif

Facility ID: 068401012

Emissions Unit ID: B001

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic pollutant will be less than 1.0 ton. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that a new permit to install application would be required for an emissions unit if changes in the composition of the materials or use of new materials would cause the emissions of any pollutant that has a listed Threshold Limit Value (TLV), as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices"), to increase to above 1.0 ton per year.