State of Ohio Environmental Protection Agency

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P.O. Box 1049
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Certified Mail

7/30/2008

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

JOHN BAKKER
WASH WELL
388 CHERRY HILL LN
CORTLAND, OH 44410

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0278080782
Permit Number: P0086329
Permit Type: Renewal
County: Trumbull

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate ("PTIO") which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully.

Ohio EPA maintains a document entitled "Frequently Asked Questions about the PTIO". The document can be downloaded from the DAPC Web page, www.epa.state.oh.us/dapc, from the "Permits" link. This document contains additional information related to your permit, such as what activities are covered under the PTIO, who has enforcement authority over the permit and Ohio EPA's authorization to inspect your facility and records. Please contact the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469 if you need assistance.

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission ("ERAC") under Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and describe the action complained of and the grounds for the appeal. The appeal must be filed with the ERAC within thirty (30) days after notice of the Director's action. A filing fee of $70.00 must be submitted to the ERAC with the appeal, although the ERAC, has discretion to reduce the amount of the filing fee if you can demonstrate (by affidavit) that payment of the full amount of the fee would cause extreme hardship. If you file an appeal of this action, you must notify Ohio EPA of the filing of the appeal (by providing a copy to the Director) within three (3) days of filing your appeal with the ERAC. Ohio EPA requests that a copy of the appeal also be provided to the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the ERAC at the following address:

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

If you have any questions regarding this permit, please contact the Ohio EPA DAPC, Northeast District Office. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page www.epa.state.oh.us/dapc.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: Ohio EPA-NEDO

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

FINAL

Air Pollution Permit-to-Install and Operate
for
WASH WELL

Facility ID: 0278080782
Permit Number: P0086329
Permit Type: Renewal
Issued: 7/30/2008
Effective: 7/30/2008
Expiration: 7/30/2018

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
WASH WELL

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Authorization

Facility ID: 0278080782
Application Number(s): A0017050
Permit Number: P0086329
Permit Description: Existing, Suprema 750, perchloroethylene dry-to-dry cleaning machine, controlled by a refrigerated condenser.
Permit Type: Renewal
Permit Fee: $0.00
Issue Date: 7/30/2008
Effective Date: 7/30/2008
Expiration Date: 7/30/2018
Permit Evaluation Report (PER) Annual Date: February 15, for January 1 - December 31
This document constitutes issuance to:

WASH WELL
2296 NORTH RIVER RD
WARREN, OH 44483

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Northeast District Office
2110 East Aurora Road
Twinsburg, OH 43087
(330)425-9171

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

Authorization (continued)

Permit Number: P0086329
Permit Description: Existing, Suprema 750, perchloroethylene dry-to-dry cleaning machine, controlled by a refrigerated condenser.

Permits for the following emissions unit(s) or groups of emissions units are in this document as indicated below:

Emissions Unit ID:	**D001**
Company Equipment ID:	D001
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

1. **What does this permit-to-install and operate ("PTIO") allow me to do?**

   This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. **Who is responsible for complying with this permit?**

   The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

   The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. **What records must I keep under this permit?**

   You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. **What are my permit fees and when do I pay them?**

   There are two fees associated with permitted air contaminant sources in Ohio:

   - PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

     You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

   - Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. **When does my PTIO expire, and when do I need to submit my renewal application?**

   This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Ohio EPA DAPC, Northeast District Office in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

B. Facility-Wide Terms and Conditions

1. 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).

   a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

      (1) None.

   b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

      (1) None.

C. Emissions Unit Terms and Conditions

1. D001, D001

Operations, Property and/or Equipment Description:

Existing, Suprema 750, perchloroethylene dry-to-dry cleaning machine, controlled by a refrigerated condenser.

a) 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.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI No. 02-17579)	See b)(2)a. and b)(2)b. below.
b.	40 CFR Part 63, Subparts A and M	See b)(2)c. below.
c.	OAC rule 3745-21-09(AA)	See b)(2)d. below.

(2) Additional Terms and Conditions

a. The permittee shall consume no more than 139 gallons of perchloroethylene per rolling, 12-month period.

b. Perchloroethylene emissions shall not exceed 0.62 ton per rolling, 12-month period.

c. The exhaust from the dry cleaning machine shall be vented through a refrigerated condenser or an equivalent control device.

d. No emissions limitation or control equipment were established as the facility cleans less than 60,000 pound of fabric per year.

c) Operational Restrictions

(1) The waste from any diatomaceous earth filter which has been used to filter perchloroethylene shall contain no more than 25 percent by weight VOC, as determined under paragraph (J) of OAC rule 3745-21-10.

(2) The waste from any distillation operation (solvent still) which has been used to filter perchloroethylene shall contain no more than 60 percent by weight VOC, as determined under paragraph (J) of OAC rule 3745-21-10.

(3) Any disposable filter cartridge which has been used to filter perchloroethylene shall be drained in the filter housing for at least 24 hours before being discarded.

(4) All equipment must be maintained so as to prevent the leaking of perchloroethylene liquid and prevent perceptible vapor leaks from gaskets, seals, ducts, and related equipment. Any equipment which is leaking perchloroethylene liquid or has a perceptible vapor leak shall not be operated until the leak is repaired.

(5) The permittee shall store all perchloroethylene and wastes that contain perchloroethylene in solvent tanks or solvent containers with no perceptible leaks.

(6) The door of each dry cleaning machine shall be closed at all times except to transfer articles to and from the machine.

(7) The dry cleaning machine shall be operated and maintained according to manufacturer's specifications and recommendations.

(8) The outlet gas stream temperature of the condenser shall be a maximum of 45 degrees Fahrenheit.

(9) Perchloroethylene shall not be vented or released to the atmosphere while the dry cleaning machine drum is rotating.

(10) The machine shall be operated with a diverter valve, if equipped, to prevent air drawn into the dry cleaning machine (when the machine door is open) from passing through the refrigerated condenser.

d) Monitoring and/or Recordkeeping Requirements

(1) A leak detection and repair program to inspect all dry cleaning equipment for leaks that are obvious from sight, smell, or touch shall be conducted. Pursuant to OAC rule 3745-21-09(AA)(1)(e), any equipment found to be leaking perchloroethylene liquid or vapor is not to be operated until the leak is repaired. Leaks are to be repaired within 24 hours after being found, or repair parts ordered within 2 working days after detecting a leak that needs repair parts. Repair parts shall be installed within 5 working days after they are received. In accordance with 40 CFR Part 63 Subpart M, compliance with this requirement shall be determined through bi-weekly visual inspection of the following components while the dry cleaning system is operating:

a. hose and pipe connections, fittings, coupling and valves;

b. machine door gaskets and seatings:

c. filter gaskets and seatings;

d. pumps;

e. solvent tanks and containers;

f. water separators;

g. filter sludge recovery;

h. distillation valves

i. diverter valves;

j. saturated lint from the lint basket;

k. cartridge filters and housings;

l. muck cookers;

m. stills; and

n. exhaust dampers.

(2) The temperature of the air perchloroethylene gas vapor stream on the outlet side of the refrigerated condenser shall be measured weekly with a temperature sensor. The temperature sensor shall be used according to the manufacturer's instructions and shall be designed to measure a temperature of 45 degrees Fahrenheit to an accuracy of plus or minus 2 degrees Fahrenheit. If the outlet temperature is higher than 45 degrees Fahrenheit, adjustments or repairs shall be made to meet that value. Repair parts shall be ordered within 2 working days after detecting a violation that needs repair parts. Repair parts shall be installed within 5 working days after they are received.

(3) The permittee shall maintain a log of the following records:

a. Receipts of all perchloroethylene purchases.

b. The volume of perchloroethylene purchased each month as recorded from perchloroethylene purchases. If no perchloroethylene is purchased during a given month, then the entry in to the log shall be zero gallons.

c. The calculation and result of the yearly perchloroethylene consumption (12-month rolling summation), to be determined on the first day of each month.

d. The results of all visual inspections, including the dates when the dry cleaning system components are inspected for leaks and the name or location of dry cleaning system components where leaks are detected.

e. The dates of repair and records of written or verbal orders for repair parts.

f. The results and dates of all equipment monitoring required by this permit.

g. Control equipment maintenance; and

h. The results of all tests conducted to determine compliance with the VOC content limitations for the waste from a diatomaceous earth filter and waste from a solvent still.

(4) A copy of the design specifications and the operating manuals for each dry-cleaning system and each emission control device located at the dry cleaning facility shall be retained onsite and be made available upon request.

e) Reporting Requirements

(1) The permittee shall notify the Director (Ohio EPA, Northeast District Office) and the U.S. EPA (Region 5) in writing of any record from d)(3)c. showing that the perchloroethylene usage limitation specified in b)(2) was exceeded. The notification shall include a copy of such record and shall be sent to the Director (Ohio EPA, Northeast District Office) and the U.S. EPA (Region 5) within 45 days after the exceedance occurs.

(2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the Director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

f) Testing Requirements

(1) Compliance with the mass emission limit listed in b)(2)b. of 0.62 ton perchloroethylene per rolling, 12-month period is demonstrated by multiplying the rolling, 12-month consumption of perchloroethylene in gallons (required in c)(3)c.) times the percentage (0.66) of perchloroethylene assumed to be emitted to the atmosphere (including vent and fugitive emissions) times the specific density of perchloroethylene (0.00675 ton/gallon).

g) Miscellaneous Requirements

(1) If the total yearly consumption of perchloroethylene exceeds 2100 gallons per year, this facility becomes a major source and must comply with the requirements for a major source per 40 CFR 63, Subpart M, within 180 days of the exceedance determination.