



State of Ohio Environmental Protection Agency

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Columbus, Ohio 43266-0149
(614) 644-3020
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George V. Voinovich
Governor

CERTIFIED MAIL

Re: Permit to Install
Monroe County
Application No: 17-1271
SYNTHETIC MINOR

November 9, 1994

WOODSFIELD MUNICIPAL ELECTRIC
PAUL HIGHMAN
203 ROY ST.
WOODSFIELD, OH 43703

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review 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 with the Environmental Board of Review within thirty (30) days after notice of the Director's 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 Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations & Permit Section
Division of Air Pollution Control

cc: US EPA
NORTH OHIO VALLEY AIR AUTHORITY



Permit to Install Terms and Conditions

Application No. 17-1271
APS Premise No. 1756100042
Permit Fee: \$900.00

Name of Facility: WOODSFIELD MUNICIPAL ELECTRIC

Person to Contact: PAUL HIGHMAN

Address: 203 ROY ST.
WOODSFIELD, OH 43703

Location of proposed source(s): 203 ROY ST.
WOODSFIELD, OHIO

Description of proposed source(s):
2 FUEL OIL BURNING GENERATORS, 2-30,000 GAL FUEL OIL STORAGE
TANKS.

Date of Issuance: November 9, 1994

Effective Date: November 9, 1994

The above named entity is hereby granted a permit to install for the above described source(s) 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 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 and specifications, the above described source(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES(S)

The proposed source(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 are inadequate or cannot meet applicable standards.

If the construction of the proposed source(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 Ohio Administrative Code (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 prove to be inadequate or cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 15 days of the effective date of this permit to install.

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.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

SOURCE OPERATION 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.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for WOODSFIELD MUNICIPAL ELECTRIC POWER PLT. located in Monroe County. The sources listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
T001	30,000 Gallon #2 Fuel Oil Storage Tank #1	Submerged Fill Pipe	3745-31-05 3745-15-06 3745-15-07 NSPS Subpart Kb	VOC Negligible
T002	30,000 Gallon #2 Fuel Oil Storage Tank #2	Submerged Fill Pipe	3745-31-05 3745-15-06 3745-15-07 NSPS Subpart Kb	VOC Negligible
B004	Enterprise Diesel Electric Generator Unit D 7.3 MMBTU/hr	#2 Fuel Oil <0.1% Sulfur Recordkeeping/Reporting See Additional Special Terms and Conditions	3745-31-05 3745-15-06 3745-15-07 3745-17-07 3745-17-11	PM - 0.35 ppm BTU and 0.232 ton/yr SO ₂ - 0.095 ppm BTU and 0.139 ton/yr NO _x - 6.35 ppm BTU and 10.0 tons/yr 0.867 lb NO _x /gal fuel CO - 0.159 ppm BTU and 0.232 ton/yr VOC - 0.212 ppm BTU and 0.309 ton/yr

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
B005	Enterprise Diesel Electric Generator Unit E 7.3 MMBTU/hr	#2 Fuel Oil <0.1% Sulfur Recordkeeping/ Reporting See Additional Special Terms and Conditions	3745-31-05 3745-15-06 3745-15-07 3745-17-07 3745-17-11	PM - 0.35 ppm BTU and 0.232 ton/yr SO ₂ - 0.095 ppm BTU and 0.139 ton/yr NO _x - 6.35 ppm BTU and 10.0 tons/yr 0.867 lb NO _x /gal fuel CO - 0.159 ppm BTU and 0.232 ton/yr VOC - 0.212 ppm BTU and 0.309 ton/yr

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	0.464
SO ₂	0.38
NO _x	20.0
CO	0.464
VOC	0.618

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the North Ohio Valley Air Authority, 814 Adams, Steubenville, Ohio 43952.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

NEW SOURCE PERFORMANCE STANDARD SUBPART Kb

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each source.

Source Number(s):

T001
T002

Tank Size:

30,000 Gallon
30,000 Gallon

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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. Operating Restrictions

The 7.3 MMBTU/Hr maximum heat input, diesel engine driven electric generators (B004 and B005) shall be limited to a maximum of 42,800 gallons of diesel fuel used per rolling 365 day period. The facility shall maintain records indicating the daily amount of fuel oil consumed, the calculated rolling 365 day total amount of fuel oil used, and the amount electricity produced. In order to ensure federal

enforceability, for the first twelve calendar months of operations, Woodsfield Municipal Electric shall not exceed the following usage limits for the specified time period for each engine.

<u>Month</u>	<u>Total Allowable Usage</u>
1	10700 gallons
1-2	10700 gallons
1-3	10700 gallons
1-4	21400 gallons
1-5	21400 gallons
1-6	21400 gallons
1-7	32100 gallons
1-8	32100 gallons
1-9	32100 gallons
1-10	42800 gallons
1-11	42800 gallons
1-12	42800 gallons

After the first twelve months of operation, Woodsfield Municipal Electric shall conform with limitations and reporting requirements of this condition. Quarterly reports summarizing this data and an indication of any exceedances of the fuel oil usage limitation shall be submitted to North Ohio Valley Air Authority.

2. Recordkeeping Requirements

This facility shall maintain written daily records of:

- 1) Hours that each diesel engine operated each day.
- 2) Kilowatt hours of electricity that each diesel engine produced each day.
- 3) Gallons of fuel oil burned in each engine each day.
- 4) Rolling 365 days total gallons of oil burned each day for both engines.

3. Reporting Requirements

After the initial twelve months of operation this facility shall prepare and submit a written report to the NOVAA within seven days of each event where the 365 days rolling total of fuel oil usage for both engines exceeds the total of 42,800 gallons.