



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

George V. Voinovich
Governor

Re: Permit to Install
Harrison County
Application No: 17-951

CERTIFIED MAIL

August 14, 1991

BP OIL CO
JAMES D. SLACK
301 WILSON RD
COLUMBUS, OH 43204

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.

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 and the Environmental Law Division of the Office of the Attorney General 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. 17-951
APS Premise No. 1734000069
Permit Fee: \$2340.00

Name of Facility: BP OIL CO

Person to Contact: JAMES D. SLACK

Address: 301 WILSON RD
COLUMBUS, OH 43204

Location of proposed source(s): 47345 STUMPTOWN RD
CADIZ, OHIO

Description of proposed source(s):
PETROLEUM BULK PLANT 1 RACK - 8 TANKS.

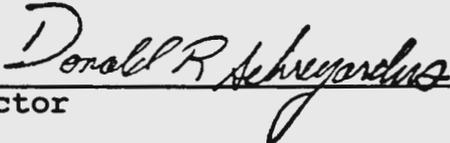
Date of Issuance: August 14, 1991

Effective Date: August 14, 1991

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

BP OIL CO
Application No. 17-951
Page 2 of 8
August 14, 1991

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 SOURCE(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 Ohio 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.

BP OIL CO
Application No. 17-951
Page 3 of 8
August 14, 1991

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 and a \$15 application fee 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.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for BP OIL CO located in Harrison 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 and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control & Usage Requirements</u>
J001	1-BA7 5 Arm Rack	Bottom Load Vapor Balance	3745-31-05 3745-21-09(P)	1.81 tons/yr
T001	15,000 Gallon Tank unloaded Gasoline	Submerged Fill Pipe Vapor Balance	3745-31-05 3745-21-09(P)	1.37 tons/yr
T002	20,000 Gallon Tank Kerosene	Submerged Fill Pipe	3745-31-05 3745-21-09(P)	.005 tons/yr
T003	20,000 Gallon Tank #2 Diesel Fuel	Submerged Fill Pipe	3745-31-05 3745-21-09(P)	.005 tons/yr
T004	20,000 Gallon Tank #2 Diesel Fuel	Submerged Fill Pipe	3745-31-05 3745-21-09(P)	.005 tons/yr
T005	20,000 Gallon Tank #2 Diesel Fuel	Submerged Fill Pipe	3745-31-05 3745-21-09(P)	.005 tons/yr
T006	15,000 Gallon Tank unloaded Gasoline	Submerged Fill Pipe Vapor Balance	3745-31-05 3745-21-09(P)	1.37 tons/yr
T007	15,000 Gallon Tank unloaded Gasoline	Submerged Fill Pipe Vapor Balance	3745-31-05 3745-21-09(P)	1.37 tons/yr
T008	20,000 Gallon Tank Diesel Fuel	Submerged Fill Pipe	3745-31-05 3745-21-09(P)	.005 tons/yr

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
VOC	5.95

BP OIL CO
Application No. 17-951
Page 5 of 8
August 14, 1991

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.

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 test conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

BP OIL CO
Application No. 17-951
Page 6 of 8
August 14, 1991

MISCELLANEOUS STORAGE TANKS

Unless otherwise indicated, BAT for any miscellaneous storage tanks identified within this permit consists of the use of submerged fill into the storage tanks. The submerged fill pipe(s) are to be installed within six (6) inches of the bottom of the storage tank.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

In accordance with the requirements of OAC Rules 3745-31-05 and 3745-21-09, the owner or operator of this bulk gasoline plant shall comply with the following requirements.

- a. Each stationary storage tank which stores a petroleum product at the bulk gasoline plant is loaded by means of a submerged fill pipe.
- b. For any transfer of gasoline from a delivery vessel to a stationary storage tank located at the bulk gasoline plant, the vapors displaced from the stationary storage tank are processed by a vapor balance system which is equipped with a vapor tight vapor line from the stationary storage tank to the delivery vessel and a means to ensure that the vapor line is connected before gasoline can be transferred and which is designed and operated to route at least ninety percent by weight of the organic compound in the displaced vapors to the delivery vessel.
- c. The loading rack at the bulk gasoline plant which transfer gasoline and other fuels is equipped for bottom filling.
- d. For any transfer of gasoline from a loading rack located at the bulk gasoline plant to a delivery vessel, the vapors displaced from the delivery vessel are processed by a vapor balance system.
- e. The vapor balance system is equipped with a vapor tight vapor line from the delivery vessel to the stationary storage tank being unloaded and a means to ensure that the vapor line is connected before gasoline can be transferred and which is designed and operated to route at least ninety percent by weight of the volume in the displaced vapors to the stationary storage tank.
- f. Gasoline loading lines, unloading lines and vapor lines are equipped with fittings which are vapor tight.
- g. The vapor balance system shall be maintained and employed in the following manner:
 1. The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline.

2. The delivery vessel hatches shall be closed at all times during the loading of the delivery vessel.
3. There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.
4. There shall be no leaks in the vapor and liquid lines during the transfer of gasoline.
5. The pressure relief valves on the stationary storage tanks and delivery vessels shall be set to release at no less than 0.7 pounds per square inch gauge or the highest possible pressure (in accordance with state or local fire codes, or the "National Fire Prevention Association" guidelines).
6. The owner or operator of the bulk gasoline plant may not permit gasoline to be spilled, discarded in sewers, stored in containers or handled in any other manner that would result in evaporation.
7. The owner or operator of the bulk gasoline plant shall repair within fifteen days any leak from the vapor balance system when such leak is equal to or greater than one hundred percent of the lower explosive limit as propane, as determined under Paragraph (K) of Rule 3745-21-10 of the Administrative Code.
8. The owner or operator shall provide an annual report detailing the quantity of fuels (gasoline, #2 heat oil, K-1 kerosene, diesel fuel) shipped through the loading rack. The report is to be submitted by February 15, for the previous year's throughputs.