

**OHIO EPA**

B003

Re: Permit to Install  
Adams County  
Application No. 07-060

**RECEIVED**

**JAN 5 1981**

PORTSMOUTH LOCAL AIR  
AGENCY  
PORTSMOUTH, OHIO 45662

December 31, 1981

General Electric Company  
I-75, Mail Drop A-79  
Cincinnati, Ohio 45215

**CERTIFIED MAIL**

Attention: Allen M. Reed

Dear Sir:

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.

Since the date of issuance of the draft permit to install for this source, the Ohio General Assembly has enacted Amended Substitute House Bill 694 which contains a new fee schedule for all air contaminant sources. These fees are substantially higher than before. The fee for this permit is indicated on the attached form and reflects the new fee schedule. Fees are assessed upon issuance of the permit. Therefore, the new fee schedule applies to this permit to install.

You are hereby notified that this action by the Director is final and may be appealed to the 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

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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  
250 East Town Street, Room 101  
Columbus, Ohio 43215

Very truly yours,

*Patricia P. Walling*

Patricia P. Walling, Chief  
Div. of Authorization & Compliance  
Office of Air Pollution Control

PPW/bs

cc: U.S. EPA  
SEDO, Div. of Industrial Wastewater  
Portsmouth Air Pollution Control ✓



# Permit to Install Terms and Conditions

Application No. 07-060  
APS Premise No. 0701000001  
Permit Fee: \$490.00

Name of Facility: General Electric Company

Person to Contact: Allen M. Reed

Address: I-75, Mail Drop A-79  
Cincinnati, Ohio 45215

Location of proposed source(s): Jay Bird Road approximately one mile west of State Route 73, Meigs Twp., Adams County, Ohio

Description of proposed source(s): New outdoor jet engine test pad site IIIC and associated wastewater treatment facilities

Date of Issuance: December 31, 1981

Effective Date: December 31, 1981

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

December 31, 1981

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Substantial construction for installation must take place within eighteen months of the effective date of this permit. This deadline may be extended by up to twelve months; if application is made to the Director no less than sixty days before the expiration of this permit and the party shows good cause for any such extension.

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, examining records or reports pertaining to the construction, modification or installation of the above described source of environmental pollutants.

If the construction of the proposed source 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 OAC Rule 3745-31-02 (former EP-30-02). 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.

The specified permit fee must be remitted within 15 days of the effective date of this permit to install.

This permit shall apply only to the source(s) shown on the application approved by the Ohio Environmental Protection Agency.

The appropriate District Office of the Ohio EPA or Local Air Pollution Control Agency shall be notified, in writing as to (a) the construction starting date (b) the construction completion date and (c) the date the facilities were placed into operation.

The owner shall be responsible for the proper operation and maintenance of the wastewater treatment facilities.

REPORT ON DETAIL PLANS AND APPLICATION FOR PERMIT TO INSTALL

WASTEWATER TREATMENT FACILITIES

FOR GENERAL ELECTRIC, PEBBLES TEST CENTER, TEST SITE IIIC

FRANKLIN TOWNSHIP, ADAMS COUNTY

Logan, Ohio, October 2, 1981

Introduction: On April 9, 1980 an Application for Permit to Install Wastewater Treatment Facilities to serve Test Site IIIC were received from Allen M. Reed, of General Electric Company. The following documents and drawings were also submitted:

Facility Cost Letter received April 11, 1980, two (2) copies of Drawing No. 4013268-020 received September 26, 1980, two (2) copies of Drawing No. 40132882-020, Percolation Data and Gravity Differential Separator Specification Data received August 17, 1981 and Data Letter received September 10, 1981.

The Pebbles Test Center is a facility where jet aircraft engines are run for testing and research purposes and is located on Jaybird Road in Franklin Township, Northeast Quadrant of Adams County. The wastewater treatment facilities to serve the newly constructed test pad will consist of a septic tank/leach field system to treat sanitary wastewater and an oil water separator to treat oil and fuel spilt at the test area.

Summary of Facilities: The sanitary wastewater treatment facilities serving a maximum of 10 people, will consist of a 1,000 gallon concrete septic tank followed by a distribution box and 500 lineal feet of 4" PVC perforated leaching pipe. The leach field and septic tank will be located at an area adjacent to the test pad. To determine the suitability of the soil for a leaching system, a percolation test was performed at the area and the rate was determined as 40 minutes per inch. There will be no discharges or overflows from the sanitary system. Ground water supply wells are in excess of 100 feet from the septic system.

Spilt oil and fuel will flow by gravity from the concrete pad to a catch basin then into an AFL Model 52-10F2 Oil-Water Separator. This model is designed for a total capacity of 2,030 gallons, a 1,000 gallon oil storage capacity and a 32 gallon per minute flow rate. Wastewater from the oil and water separator will discharge into an unnamed tributary of Scioto Brush Creek. Recovered fuel and oil will be used or disposed of properly.

Evaluation and Recommendations: The same wastewater treatment systems were installed at the other test pads at the center and seem adequate.

Cost and Construction Schedule: The estimated cost of the wastewater treatment facilities is \$28,700. Construction began on July 1980 and was completed by August 1981.

Conclusions: These detail plans and application to install have been reviewed and are recommended for approval.

Timothy Hiltner  
Environmental Scientist  
Division of Industrial Wastewater

TH/cah