

Current permit for Y Train

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT

7601 HIGHWAY 301 NORTH  
TAMPA, FLORIDA 33610-9544



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

RICHARD D. GARRITY, PH.D.  
DISTRICT MANAGER

PERMITTEE:

Mr. J. E. Parsons, General Manager  
Central Phosphates, Inc.  
Post Office Drawer L  
Plant City, FL 33566

PERMIT/CERTIFICATION

Permit No.: A029-88151  
County: Hillsborough  
Expiration Date: 8/14/89  
Project: Y-GTSP/DAP Scrubber

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the operation of the Y-GTSP/DAP plant with emissions thru a venturi and cyclonic scrubbers with a tail gas packed bed scrubber.

Location: 10 miles north of Plant City at the Hillsborough/Pasco County line.

UTM: 17-387.6            3115.9            NEDS NO: 0005            Point ID: 18

Replaces Permit No.: A029-21157

PERMITTEE: Permit/Certification No.: A029-88151  
Central Phosphates, Inc. Project: Y-GTSP/DAP Scrubber

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate the enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.
3. As provided in Subsections 403.087(6) and 403.712(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by any order from the department.

PERMITTEE: Permit/Certification Number: A029-88151  
Central Phosphates, Inc. Project: Y-GTSP/DAP Scrubber

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as maybe required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purposes of;

a. Having access to and copying any records that must be kept under the conditions of the permit;

b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and

c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

(a) a description of and cause of non-compliance; and

(b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

PERMITTEE: Permit/Certification No: A029-88151  
Central Phosphates, Inc. Project: Y-GTSP/DAP Scrubber

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- ( ) Certification of Compliance with State Water Quality Standards (Section 401. PL 92-500)
- ( ) Compliance with New Source Performance Standards

14. The permittee shall comply with the following monitoring and record keeping requirements:

a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE: Permit/Certification No.: A029-88151  
Central Phosphates, Inc. Project: Y-GTSP/DAP Scrubber

14. (con't)

b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. Test the emissions for the following pollutant(s) at intervals of 6 months from the date April 24, 1984 and submit 2 copies of test data to the Air Section of the Hillsborough County Environmental Protection Commission Office within forty five days of such testing (Section 17-2.700 (2), Florida Administrative Code (F.A.C.)).

- |                  |                          |
|------------------|--------------------------|
| (X) Particulates | ( ) Sulfur Oxides        |
| (X) Fluorides    | ( ) Nitrogen Oxides      |
| (X) Opacity      | ( ) Hydrocarbons         |
|                  | ( ) Total Reduced Sulfur |

\*Fuel analysis may be submitted for required sulfur dioxide emission test.

2. Compliance tests shall be conducted per Section 17-2.700, Florida Administrative Code.

PERMITTEE: Permit/Certification No.: A029-88151  
 Central Phosphates, Inc. Project: Y-GTSP/DAP Scrubber

SPECIFIC CONDITIONS (con't):

3. The Hillsborough County Environmental Protection Commission shall be notified in writing 15 days prior to compliance testing.

4. Submit to DER and HCEPC for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information as per Section 17-4.14, F.A.C..

- (A) Annual amount of materials and/or fuels utilized.
- (B) Annual emissions (note calculation basis).
- (C) Any changes in the information contained in the permit application.

5. Visible emissions shall not be equal to or greater than 20% opacity in accordance with Subsection 17-2.610(2)(b), F.A.C.

6. The No. 5 fuel oil shall be limited to 1.6% by weight of sulfur.

7. Maximum permitted rates are as follows:

<u>Product:</u>	<u>Production:</u>	<u>P<sub>2</sub>O<sub>5</sub>:</u>	<u>F</u>	<u>F</u>	<u>Particulate:</u>
	<u>Rate</u>	<u>Input</u>	<u>Emissions</u>	<u>Emissions</u>	<u>Emissions</u>
	<u>TPH</u>	<u>TPH</u>	<u>lb./ton P<sub>2</sub>O<sub>5</sub></u>	<u>lb./hr.</u>	<u>TPH</u>
GTSP	50	25	0.15	3.8	34.9
DAP	75	36.5	0.06	2.2	34.9

8. Compliance testing shall be due every six months from the date of the last compliance test (April 24, 1984) or within 60 days prior to the next test date.

9. Compliance testing shall be conducted within 30 days of a change from GTSP to DAP or vice versa or of a change from natural gas to fuel oil. The maximum number of compliance tests for any six month interval from the date of April 24, 1984 shall be 2. Pursuant to Specific Condition 8, if a compliance test was conducted as a result of a change in production mode or fuel switch, then the next test shall be due 6 months from that date. If fuel oil is used for a period of less than 30 days, compliance testing is not required.

PERMITTEE: Permit/Certification No.: A029-88151  
Central Phosphates, Inc. Project: Y-GTSP/DAP Scrubber (Ammended)

SPECIFIC CONDITIONS (con't):

10. Compliance test will be made with the plant operating at 90-110% of the permitted production rate. However, a compliance test may be made at 80-89% of the permitted production rate and the emission rates ratioed up to the permitted production rate to assure compliance. A compliance test made at less than 80% of the permitted production rate will automatically lower the permitted rate to the compliance test rate, plus 10%. Operation at a rate in excess of 110% of the maximum permitted operating rate will require a compliance test within 30 days of the increase over 110%.

Issued this 31 day of Aug.  
1982.

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION

  
Richard D. Garrity, Ph.D.  
District Manager