

# Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347  
 Lawton Chiles, Governor 813-620-6100 Carol M. Browner, Secretary

## NOTICE OF PERMIT ISSUANCE

### CERTIFIED MAIL

In the Matter of an Application  
 for permit by:

DER File No.: A041-206854  
 County: Manatee

Mr. Daniel D. Harris  
 Plant Manager  
 Royster Phosphates, Inc.  
 13300 U.S. Highway 41 N.  
 Palmetto, Florida 34221-8662

Enclosed is Permit Number A041-206854 to operate the molten sulfur handling and storage System at your facility located at your Piney Point facility in Palmetto, issued pursuant to Section 403, Florida Statutes.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of receipt of this permit. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under section 120.57 Florida Statutes.

The Petition shall contain the following information;

- (a) The name, address, and the telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;

Post-it* Fax Note	7671	Date	1/29/98	# of pages	17
To	AI Linero NSR	From	D. Zell		
Co./Dept.	Air DARM	Co.	SWD Air		
Phone#	Molten Sulfur	Phone#	(813) 206-8541		
Fax#	Storage System Permits	Fax#	(813) 206-5241		

Recy  
 Mand

Royster Phosphates, Inc.  
Palmetto, FL

Page 2

- (e) A statement of facts which petitioner contends warrants reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice, in the Office of General Counsel at the above address of the Department. Failure to petition within the allotted time frame constitutes a waiver of any rights such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Street Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Royster Phosphates, Inc.  
Palmetto, FL

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

*David R. Zell*

David R. Zell  
Air Permitting Engineer  
Phone (813) 620-6100 Ext. 412

DRZ/  
Attachment

cc: Manatee County Environmental Action Commission

P 149 931 756

RECEIPT FOR CERTIFIED MAIL  
NO INSURANCE COVERAGE PROVIDED  
EXCEPT FOR INTERNATIONAL MAIL  
*See Reverse.*

MR DANIEL D HARRIS  
PLANT MANAGER  
ROYS TER PHOSPHATES INC

CERTIFICATE OF SERVICE

I duly designated deputy agency clerk hereby  
NOTICE OF PERMIT ISSUANCE and all copies were  
mailed before the close of business on FEB 04 1992  
S.

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

Show to whom delivered, date, and addressee's address. (Extra charge)  
 Restricted Delivery (Extra charge)

Article Addressed to: A04T-206854 DZ

MR DANIEL D HARRIS  
PLANT MANAGER  
ROYS TER PHOSPHATES INC  
13300 US HIGHWAY 41 NORTH  
PALMETTO FL 34221 8662

Signature - Addressee

Signature - Agent  
*R. Kaufman*

Date of Delivery  
2/5/92

4. Article Number  
P 149 931 756

Type of Service:  
 Registered  
 Certified  
 Express Mail  
 Insured  
 COD  
 Return Receipt for Merchandise

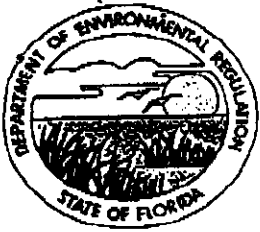
Always Signatures of addressee or agent and DATE DELIVERED.

8. Addressee's Address (ONLY if requested and fee paid)  
FEB 06 1992

SOUTHWEST DISTRICT  
TAMPA

KNOWLEDGEMENT FILED, on  
suant to Section  
orida Statutes, with the  
artment Clerk, receipt  
reby acknowledged.

*Quisha* FEB 04 1992  
Date



# Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-620-6100

Carol M. Browner, Secretary

**PERMITTEE:**

Royster Phosphates, Inc.  
13300 U.S. Highway 41 N.  
Palmetto, FL 34221-8662

**PERMIT/CERTIFICATION:**

Permit No: AO41-206854  
County: Manatee  
Expiration Date: 2/07/97  
Project: Molten Sulfur Storage  
and Handling System

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 molten sulfur storage and handling system consisting of the following:

- one truck and railcar unloading system;
- one molten sulfur receiving pit;
- one 800 ton capacity molten sulfur storage tank;
- all of the associated transfer pumps and piping.

The molten sulfur receiving and storage system is designed unload a maximum of 34 trucks per day (at approximately 20 tons per truck) while simultaneously unloading up to 7 railcars per day (at approximately 100 tons per railcar). The sulfuric acid plant which this molten sulfur system supplies consumes up to 667 tons per day of molten sulfur (based on a permitted production rate of 2,000 tons per day of 100% basis sulfuric acid).

Location: Piney Point, 13300 U.S. Highway 41 North.

UTM: 17-348.5 E 3057.3 N NEDS No: 0002 Point ID No: 02

Replaces Permit No.: AC41-176524

**PERMITTEE**

Royster Phosphates, Inc.  
13300 U.S. Hwy. 41 N.  
Palmetto, FL

**PERMIT/EXPIRATION**

Permit No.: AO41-206854  
County: Manatee  
Expiration Date: 2/07/97  
Project: Molten Sulfur Storage  
and Handling System

**specific Conditions:**

1. A part of this permit is the attached 15 General Conditions.
2. Visible emissions from any emission point in the molten sulfur handling and storage system shall not exceed 10% opacity (six minute average).  
[Rule 17-2.600(11)(a)7., F.A.C.]
3. These sources are allowed to operate continuously (8760 hrs/yr).  
[Construction Permit No. AC41-176524].
4. The maximum molten sulfur utilization rate in the sulfuric acid plant shall neither exceed 667 long tons per day, nor 243,100 long tons per year. (Based on the sulfuric acid plant capacity of approximately 2,000 tons per day of 100% sulfuric acid.)
5. The permittee shall not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.  
[Rule 17-2.620(2), F.A.C.]
6. For emission inventory and PSD purposes, the estimated maximum emissions from the sources in the molten sulfur storage and handling system are:

Pollutant	pounds/hr	tons/yr
PM/PM10	0.14	0.61
SO2		1.2
H2S		0.28
TRS		0.79

[Construction Permit No. AC41-176524].

7. The molten sulfur handling and storage system shall be tested for visible emissions within 120 days prior to applying for a renewed operating permit. A copy of the test report shall be submitted to the Air Section of the Southwest District Office of the Department within 45 days of the testing, or with the operating permit application, whichever is earlier.  
[Rules 17-2.700(2) and 17-2.700(7), F.A.C.]

**PERMITTEE**

Royster Phosphates, Inc.  
13300 U.S. Hwy. 41 N.  
Palmetto, FL

**PERMIT/EXPIRATION**

Permit No.: AO41-206854  
County: Manatee  
Expiration Date: 2/07/97  
Project: Molten Sulfur Storage  
and Handling System

**Specific Conditions:**

8. Compliance with the visible emission limitation of Specific Condition No. 2 shall be determined using DER Method 9 and shall be conducted by a certified observer. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Section 17-2.700, F.A.C. and 40 CFR 60, Appendix A.

9. The visible emissions tests shall be conducted during simultaneous unloading of at least one truck and one railcar, or for at least 60 minutes, whichever is greater. Simultaneous visible emissions tests shall be conducted at the sulfur receiving pit and at each vent of the sulfur storage tank. The unloading rate and a description of the unloading operations during the test shall be included with the test results. Failure to submit the actual operating conditions may invalidate the test and fail to provide reasonable assurance of compliance.  
[Construction Permit No. AC41-176524 and Rule 17-4.070(3), F.A.C.]

10. The permittee shall notify the Southwest District Office of the Department at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted.  
[Rule 17-2.700(2)(a)9., F.A.C.]

11. The permittee shall implement the necessary recordkeeping, maintenance, and procedures to minimize emissions from the molten sulfur system pursuant to the applicable requirements of Rule 17-2.600(11)(a), F.A.C., "Molten Sulfur Storage and Handling Facilities".

12. In order to document compliance with the requirements of Specific Condition No. 4, the permittee shall maintain the following records and make them available to the Department upon request:

- A. Daily molten sulfur receiving rate (tons/day);
- b. Monthly total sulfur receiving rate (tons/month) and cumulative total for the most recent 12 consecutive month period (tons/yr) (including sulfur loaded out to trucks);
- C. Sulfuric acid plant daily molten sulfur utilization rate (long tons/day);
- D. Sulfuric acid plant monthly total molten sulfur utilization rate (long tons/month) and cumulative total for the most recent 12 consecutive month period (long tons/yr).

**PERMITTEE**

Royster Phosphates, Inc.  
13300 U.S. Hwy. 41 N.  
Palmetto, FL

**PERMIT/EXPIRATION**

Permit No.: A041-206854  
County: Manatee  
Expiration Date: 2/07/97  
Project: Molten Sulfur Storage  
and Handling System

**Specific Conditions:**

14. Submit to the Southwest District Office of the Department each calendar year on or before March 1, an emission report for this source for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), F.S.:

- 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.


15. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provisions in Rule 17-2.610(3), F.A.C. These provisions are applicable to any source, including but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling.

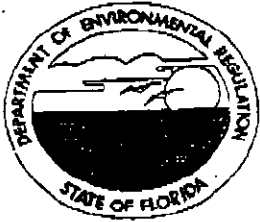
16. Any change in the method of operation or equipment which will cause an increase in the actual emissions may be considered a modification and must be reported to the Southwest District Office of the Department for proper processing prior to implementing the change.

17. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapter 17-2, or any other requirements under federal, state or local law.  
[Rule 17-2.210, F.A.C.]

18. Two applications to renew this operating permit shall be submitted to the Southwest District Office of the Department no later than December 9, 1996 (60 days prior to the expiration date of this permit).  
[Rule 17-4.090(1), F.A.C.]

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION

  
Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District



## Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

### STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT

Mr. Gary L. Dahms  
Vice President & General Manager  
Royster Phosphates  
Post Office Box 1329  
Palmetto, Florida 34220

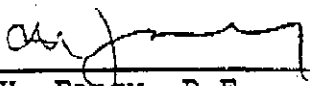
March 20, 1991

Enclosed is construction permit AC 41-176524 to construct the existing Piney Point molten sulfur storage and handling terminal. This permit is issued pursuant to Section 403, Florida Statutes.

Any party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
\_\_\_\_\_  
C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

Copy furnished to:

B. Thomas, SW District ✓  
J. Bruens, Manatee County  
R. Mayko, P.E.



CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of buisness on 3-20-91.

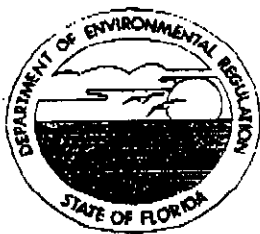
FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

Lyni Jakes

Clerk

3-20-91

Date



## Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

**PERMITTEE:**  
Royster Phosphates, Inc.  
Piney Point Terminal  
Post Office Box 1329  
Palmetto, FL 34220

Permit Number: AC 41-176524  
Expiration Date: Feb. 28, 1992  
County: Manatee  
Latitude/Longitude: 27°37'58"N  
82°32'08"W  
Project: Piney Point Terminal/  
Molten Sulfur Storage & Handling  
System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 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 permitting of an existing Piney Point molten sulfur storage and handling facility consisting of a railcar and truck unloading system, one molten sulfur receiving "pit," and one molten sulfur storage tank having a capacity of 800 tons. The sulfuric acid plant at this facility has a permitted capacity of 2000 tons/day.

The molten sulfur receiving and storage system is designed to handle a maximum of 667 tons/day. This facility can unload a maximum of 34 trucks per day (each truck has a capacity of 20 tons) and simultaneously unload 7 railcars per day (each railcar has a capacity of 100 tons). The maximum annual throughput at this facility is 243,100 tons of molten sulfur. The Piney Point Terminal is located on U.S. Highway 41 North, 10 miles North of Palmetto, in Manatee County, Florida.

The latitude/longitude of this facility is 27° 37' 58" N/82° 32' 08"W.

The source was constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

**PERMITTEE:**  
Royster Phosphates, Inc.

**Permit Number:** AC 41-176524  
**Expiration Date:** February 28, 1992

Attachments are as follows:

1. Royster Phosphates, Inc., application received February 20, 1990.
2. DER's letter dated March 19, 1990.
3. RPI's response received June 11, 1990.
4. DER's letter dated June 21, 1990.
5. RPI's response received November 13, 1990.

**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 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 403.722(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 any 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.

PERMITTEE:  
Royster Phosphates, Inc.

Permit Number: AC 41-176524  
Expiration Date: February 28, 1992

**GENERAL CONDITIONS:**

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.

14. 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. Royster Phosphates, Inc.'s Piney Point molten sulfur storage and handling terminal shall be allowed to operate continuously (i.e. 8760 hours/year).
2. The maximum molten sulfur throughput rate shall neither exceed 667 long tons per day (LTPD), nor 243,100 long tons per year (LTPY).
3. Visible emissions (VE) shall not exceed 10% opacity from any source in the molten sulfur system, including the truck and railcar unloading operations.
4. The permittee shall employ procedures to minimize emissions from the molten sulfur system pursuant to the applicable requirements of F.A.C. Rule 17-2.600(11)(a) [Molten Sulfur Storage and Handling Facilities]. The permittee shall also comply with other applicable provisions of F.A.C. Chapters 17-2 and 17-4.
5. No objectionable odors shall be allowed, in accordance with F.A.C. Rule 17-2.620(2) [Objectionable Odor Prohibited].
6. Initial compliance tests for visible emissions shall be conducted within 90 days of issuance of this permit in accordance with the July 1, 1988, version of 40 CFR 60 Appendix A, using EPA Method 9. The visible emissions tests shall be conducted during

**PERMITTEE:**  
Royster Phosphates, Inc.

**Permit Number:** AC 41-176524  
**Expiration Date:** February 28, 1992

**SPECIFIC CONDITIONS:**

entire unloading of at least one truck and one railcar, or for at least 60 minutes, whichever is greater, along with (simultaneous) visible emissions test to be conducted at the sulfur receiving "pit" and at each vent of the sulfur storage tank. The minimum requirements for stack sampling facilities, source sampling and reporting shall be in accordance with F.A.C. Rule 17-2.700 and 40 CFR 60, Appendix A. The Department may require a retest annually, if deemed necessary, or at the time of permit renewal.

7. Any change in the method of operation, equipment or operating hours, shall be submitted to the Department's Bureau of Air Regulation (BAR) for approval.

8. For emission inventory and PSD purposes, the estimated maximum emissions from the sources in the molten sulfur storage and handling system are:

<u>PM/PM<sub>10</sub></u>	<u>SO<sub>2</sub></u>	<u>H<sub>2</sub>S</u>	<u>TRS</u>
0.14 lbs/hr and 0.61 tons/yr	1.2 tons/yr	0.28 tons/yr	0.79 tons/yr

9. A minimum of 15 days prior written notification of the compliance tests shall be given to the Department's Southwest District office. The compliance test results shall be submitted to the Department's Southwest District office within 45 days of test completion.

10. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).

11. An application for an operation permit must be submitted to the Department's Southwest District office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant

PERMITTEE:  
Royster Phosphates, Inc.

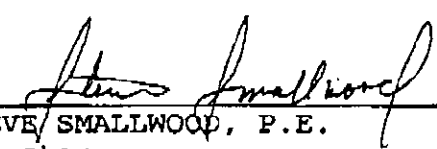
Permit Number: AC 41-176524  
Expiration Date: February 28, 1992

**SPECIFIC CONDITIONS:**

shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rules 17-4.055 and 17-4.220).

Issued this 20<sup>th</sup> day  
of March, 1991

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
\_\_\_\_\_  
STEVE SMALLWOOD, P.E.  
Director  
Division of Air Resources  
Management