



Extm 2-4-92
REFINING
Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Carol M. Browner, Secretary

February 4, 1992

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Willis M. Kitchen, President
Gulf Coast Recycling, Inc.
1901 North 66th Street
Tampa, Florida 33619

Dear Mr. Kitchen:

Attached is one copy of the revised Technical Evaluation and Preliminary Determination and proposed construction permit to Gulf Coast Recycling, Inc. for the modification of the lead refining area. This facility is located on 1901 North 66th Street, Tampa Hillsborough County, Florida.

Please publish the attached "Notice of Intent to Issue" in the legal ad section of a newspaper of general circulation in the area affected and submit the proof of publication to the Department within seven (7) days of publication, along with any written comments you wish to have considered concerning the Department's proposed action, to Mr. Barry Andrews of the Bureau of Air Regulation.

Sincerely,

For
C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

CHF/MB/kt

Attachments

c: R. E. Wallace, P.E.
B. Thomas, SWD
I. Choronenko, EPCHC
G. Worley, EPA
J. Glunn, FDER

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of an
Application for Permit by:

Gulf Coast Recycling, Inc.
1901 N. 66th Street
Tampa, Florida 33619

DER File No. AC 29-184883
Hillsborough County

INTENT TO ISSUE

The Department of Environmental Regulation gives notice of its intent to issue a modified air construction permit (copy attached) for the proposed project as detailed in the application specified above, for the reasons stated below. The Department is issuing this Intent to Issue for the reasons stated in the attached revised Technical Evaluation and Preliminary Determination.

The applicant, Gulf Coast Recycling, Inc. applied on August 3, 1990, to the Department of Environmental Regulation for an after-the-fact construction permit for kettle No. 3. The applicant modified this construction permit application on December 13, 1991. The modification includes the after-the-fact construction of the No. 3 refining kettle, a decrease in this facility's allowable lead limits, an increase in the hours of operation at the lead refining area and the replacement of permit Nos. AC 29-12606 and AC 29-13078. This facility is located on 1901 N. 66th Street, Tampa, Hillsborough County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that a modified air construction permit is required for the proposed work.

Pursuant to Section 403.815, Florida Statutes and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time only within 30 days in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a

newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department, at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

A person whose substantial interests are affected by the Department's proposed permitting decision 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. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of their receipt of this intent, whichever first occurs. 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 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;
- (e) A statement of facts which petitioner contends warrant 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

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF INTENT TO ISSUE PERMIT

The Department of Environmental Regulation gives notice of its intent to issue a permit to Gulf Coast Recycling, Inc., for the modification of the lead refining area. The modification includes the after-the-fact construction of the No. 3 refining kettle, a decrease in this facility's allowable lead limits, an increase in the hours of operation at the refining area and the replacement of Permit Nos. AC 29-12606 and AC 29-31078. This facility is located on 1901 North 66th Street, Tampa, Hillsborough County, Florida. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision 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 publication of this notice. 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 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;
- (e) A statement of facts which petitioner contends warrant 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 Notice. 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 publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right 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.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Regulation
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Department of Environmental Regulation
Southwest District
4520 Oak Fair Boulevard
Tampa, Florida 33610-7347

Environmental Protection Commission
of Hillsborough County
1410 North 21st Street
Tampa, Florida 33605

Any person may send written comments on the proposed action to Mr. Barry Andrews at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Revised
Technical Evaluation
and
Preliminary Determination

Gulf Coast Recycling, Inc.
Hillsborough County
Tampa, Florida

Lead Refining Area
Permit Number: AC 29-184883

Florida Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation

January 27, 1991

I. Application

A. Applicant

Gulf Coast Recycling, Inc.
1901 North 66th Street
Tampa, Florida 33619

B. Project and Location

This project involves issuing a construction permit for the modification of the lead refining area. The modification involves the after-the-fact construction of the No. 3 refining kettle, a decrease in this facility's allowable lead limits, an increase in the hours of operation and the replacement of permit Nos. AC 29- 12606 and AC 29-31028. Emissions from the lead refining area are controlled by two (2) Wheelabrator-Frye Model 126 baghouses in parallel and vented to a common stack.

The applicant, Gulf Coast Recycling, Inc. (GCR), operates a secondary lead smelter at 1901 North 66th Street, Tampa, Hillsborough County, Florida. The UTM coordinates are Zone 17, 364.048 km North and 3093.548 km East.

C. Background Information

GCR, Inc. had constructed kettle No. 3 in 1984 without a Department permit. Although a construction permit was never issued, the operation of kettle No. 3 was addressed in operation permit No. AO 29-95365 that was issued on January 28, 1985. Later, EPA pointed out that an after-the-fact construction permit must be issued for kettle No. 3 for federal enforceability purposes.

On August 3, 1990, GCR, Inc. submitted an application for an after-the-fact construction permit (No. AC 29-184883) for kettle No. 3. A Technical Evaluation and Preliminary Determination and proposed construction permit were issued by the Department on February 8, 1991.

The Department issued a Final Determination along with a construction permit on May 9, 1991, with the exception of a minor change in Specific Condition No. 1.

The construction permit was unacceptable to GCR, Inc. and as a result they appealed the Final Determination to the Second District Court (Appeal No. 91-01768) on June 7, 1991. On August 20, 1991, GCR, Inc. filed a motion for an extension of time requesting until September 14, 1991, to file the initial brief. The Department granted the time extension and agreed to attempt to resolve this matter in a meeting.

On December 10, 1991, a meeting was held in Tallahassee between the representatives of the Department, GCR, Inc. and EPCHC. EPA Region IV was invited to attend the meeting but was unable to attend. After the meeting the Department informed EPA that the following was agreed to by all parties:

1. GCR, Inc. would submit a letter to amend the construction permit application to cover the entire refining area, not just kettle No. 3.
2. A decrease in this facility's allowable lead emissions limits from 0.40 lbs/hr to 0.20 lbs/hr.
3. Limit the production of finished lead to 30,000 tons/year from the lead refining area.
4. A particulate emission limit of 0.03 grs/dscf.
5. An increase in operating time from 4,368 to 6,000 hrs/year.
6. Change the charging capacity for kettle No. 3 from 50 to 52 tons/batch.
7. And a request that the operation and maintenance plan previously submitted by GCR, Inc. not be included with the construction permit application.

Consequently, a revised Technical Evaluation and Preliminary Determination and draft permit are being issued for public comment.

D. Facility Category

The GCR Tampa facility is currently classified as a major lead source by State definition. The facility engages in activities best described in Major Group 33, Industry Group 334 and Industry No. 3341 of the Standard Industrial Classification Manual and the NEDS Source Classification Codes 3-04-004-01, 02, 07, 09, 10, and 14.

II. Project Description

The project involves the modification of the lead refining area and includes the after-the-fact construction of the No. 3 refining kettle, an increase in the hours of operation of the lead refining area and the replacement of permit Nos. AC 29-12606 and AC 29-31078. The lead refining area consists of three (3) refining kettles. Each kettle has a charging capacity of 52 tons per batch, is fired solely on natural gas at a maximum heat input rate 4.0 MMBtu/hr per kettle. Each kettle produces a different lead product as detailed below:

- o Kettle No. 1 - Constructed in 1978 under the Department permit No. AC 29-126056 the kettle is used primarily to produce hard lead using a combination of blast lead, antimony, arsenic, sulfur, tin, red phosphorus and selenium or to produce soft lead.

- o Kettle No. 2 - Constructed in 1980 under the Department permit No. AC 29-31078 the kettle is used primarily to produce calcium lead using a combination of soft lead from kettle No. 3 or No. 1, calcium and aluminum.
- o Kettle No. 3 - Constructed in 1984 without a Department permit the kettle is used primarily to produce soft lead using a combination of blast lead, sodium nitrate, sodium hydroxide, sulfur, red phosphorus and aluminum or to produce hard lead.

Emissions of particulate matter and lead generated from the lead refining area are controlled by two (2) Wheelabrator-Frye Model 126 baghouses in parallel and exhausted through a common stack at a design air flow rate of 15,714 dscfm.

III. Rule Applicability

This facility is in an area designated nonattainment for ozone (Rule 17-2.410, F.A.C.), unclassified for particulate matter and lead (Rule 17-2.430, F.A.C.), and attainment for the other criteria pollutants (Rule 17-2.420, F.A.C.).

This project is not subject to the requirements of Rule 17-2.500, Prevention of Significant Deterioration, F.A.C. or Rule 17-2.510, New Source Review for Nonattainment Areas, F.A.C., since the modification does not result in a significant increase in lead or particulate matter emissions.

This project is subject to the requirements of Rule 17-2.520, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements, F.A.C., since the project is a modification by State definition.

This project is not subject to the requirements of Rule 17-2.600, Specific Emission Limiting and Performance Standards, F.A.C., since there are no standards for lead refining operations.

This project is subject to the requirements of Rule 17-2.610, General Particulate Emission Limiting Standards, F.A.C., since the refining area is a source of particulate matter emissions.

This project is subject to the requirements of Rule 17-2.620, General Pollutant Emission Limiting Standards, F.A.C., since the refining area is potentially a source of odors.

This project is subject to the requirements of Rule 17-2.650, Reasonably Available Control Technology, F.A.C., since the refining operation is considered a miscellaneous manufacturing process.

This project is subject to the requirements of Rule 17-2.660, Standards of Performance for New Stationary Sources, F.A.C., Subpart L - Standards of Performance for secondary lead smelters.

This project is not subject to the requirements of Rule 17-2.670, National Emission Standards for Hazardous Air Pollutants, F.A.C., since there are no standards for lead refining operations.

This project is subject to the requirements of Chapter 84-446, Laws of Florida, Chapter 1-1 and Chapter 1-3, Rules of the Environmental Protection Commission of Hillsborough County and the Federal Implementation Plan found in 40 CFR 52.520.

IV. Source Impact Analysis

A. Emissions

<u>Pollutant</u>	<u>Current Actuals</u>	<u>Future Allowables</u>	<u>Increase</u>
Particulate Matter	0.882 lbs/hr 1.93 T/yr	4.04 lbs/hr 12.12 T/yr	10.19 T/yr
Lead	0.003 lbs/hr 0.0066 T/yr	0.20 lbs/hr 0.60 T/yr	0.593 T/yr
Visible Emissions	0%	5%	NA

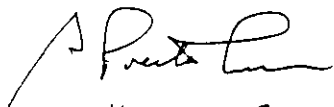
B. Air Quality Impacts

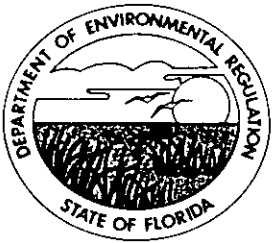
The current ambient air quality standard for lead is set at 1.5 micrograms per cubic meter, on a quarterly average. Since 1990, the Environmental Protection Commission of Hillsborough County has been conducting site specific ambient air quality monitoring for lead at this facility. To date, the monitoring has not exceeded identified an exceedance of the ambient air quality standard. The highest quarterly average to date occurred during the second quarter of 1991 with a reading of 1.53 micrograms per cubic meter.

A dispersion modeling exercise was not required for this modification since allowable lead emissions were being decreased by approximately 50% from those previously modeled. In addition, the refining area has been operating under the restrictions contained in the permit since 1985 and no changes are expected.

V. Conclusion

Based on the information provided by GCR, the Department has reasonable assurance that the lead refining area, as described in this evaluation, and subject to the conditions proposed herein, will not cause or contribute to a violation of any air quality standard, PSD increment, or any other technical provision of Chapter 17-2 of the Florida Administrative Code.


#41755



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:
Gulf Coast Recycling, Inc.
1901 North 66th Street
Tampa, Florida 33619

Permit Number: AC 29-184883
Expiration Date: June 30, 1992
County: Hillsborough
Latitude/Longitude: 27°57'43"N
82°22'49"W
Project: Lead Refining Area

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 drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the modification of the lead refining area including the after-the-fact construction of the No. 3 refining kettle, an increase in the hours of operation of the lead refining area and the replacement of permit Nos. AC 29-12606 and AC 29-31078. The lead refining area consists of three (3) refining kettles. Each kettle has a charging capacity of 52 tons per batch, is fired solely on natural gas with a maximum heat input rate of 4.0 MMBtu/hr per kettle. Each kettle produces a different lead product as detailed below:

- o Kettle No. 1 - Constructed in 1978 under the Department permit No. AC 29-126056. The kettle is used primarily to produce hard lead using a combination of blast lead, antimony, arsenic, sulfur, tin, red phosphorus and selenium, or to produce soft lead.
- o Kettle No. 2 - Constructed in 1980 under the Department permit No. AC 29-31078. The kettle is used primarily to produce calcium lead using a combination of soft lead from kettle No. 3 or No. 1, calcium and aluminum.
- o Kettle No. 3 - Constructed in 1984 without a Department permit. The kettle is used primarily to produce soft lead using a combination of blast lead, sodium nitrate, sodium hydroxide, sulfur, red phosphorus and aluminum or to produce hard lead.

Emissions of particulate matter and lead generated from the lead refining area are controlled by two (2) Wheelabrator-Frye Model 126 baghouses in parallel and exhausted through a common stack at a design air flow rate of 15,714 dscfm.

PERMITTEE:
Gulf Coast Recycling, Inc.

Permit Number: AC 29-184883
Expiration Date: June 30, 1992

This facility is located at 1901 North 66th Street, Tampa, Hillsborough County, Florida. The UTM coordinates are 364.048 km E and 3093.548 km N.

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

Attachments are listed below:

1. Application received August 3, 1990.
2. DER incompleteness letter dated August 29, 1990.
3. Gulf Coast Recycling (GCR), Inc.'s response received November 13, 1990.
4. FDER/EPCHC and GCR, Inc.'s December 10, 1991 meeting record.
5. GCR, Inc.'s letter dated December 13, 1991.
6. GCR, Inc.'s letter dated January 7, 1992.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

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. Neither 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 is not 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:
Gulf Coast Recycling, Inc.
GENERAL CONDITIONS:

Permit Number: AC 29-184883
Expiration Date: June 30, 1992

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall 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 may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor 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 provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including 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.

PERMITTEE:
Gulf Coast Recycling, Inc.

Permit Number: AC 29-184883
Expiration Date: June 30, 1992

GENERAL CONDITIONS:

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 for revocation of this permit.

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 involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

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 17-4.120 and 17-30.300, F.A.C., 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 or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold 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) required by the permit, copies of all reports required by this permit, and

PERMITTEE:
Gulf Coast Recycling, Inc.

Permit Number: AC 29-184883
Expiration Date: June 30, 1992

GENERAL CONDITIONS:

records of all data used to complete the application for this permit. These materials shall be retained 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 dates 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 corrected promptly.

SPECIFIC CONDITIONS:

1. The following restrictions and limitations shall apply for any consecutive twelve (12) month period: [Rule 17-4.070(3), F.A.C.]

- a. Hours of Operation: 6,000 hrs
- b. Maximum Heat Input Rate: 4.0 MMBtu/hr per kettle
- c. Fuel(s): Natural Gas
- d. Operating Mode: Only two (2) kettles may be operating at a time
- e. Production: 30,000 tons/year of finished lead

2. Total maximum allowable emissions of particulate matter from the lead refining area baghouse shall not exceed 0.03 gr/dscf, 4.04 pounds per hour and 12.12 tons per year. [Rule 17-2.650(2)(c)12.b., F.A.C.]

3. Total maximum allowable emissions of lead from the lead refining area baghouse shall not exceed 0.20 pounds per hour and 0.60 tons per year. [Construction Application]

4. Visible emissions from the lead refining area baghouse and building shall not exceed five (5) percent opacity. [40 CFR 52.535(c)(1)ii and VI]

PERMITTEE:
Gulf Coast Recycling, Inc.
SPECIFIC CONDITIONS:

Permit Number: AC 29-184883
Expiration Date: June 30, 1992

5. Test the emissions from the lead refining operation baghouse and the lead refining kettles for the following pollutant(s) at intervals of 12 months from November 13, 1991, (within \pm 30 days) and submit 2 copies of test data to the Air Section of the Environmental Protection Commission of Hillsborough County office within forty-five (45) days of such testing. Testing procedures shall be consistent with the requirements of Rule 17-2.700, F.A.C.:

- (x) Particulates
- (x) Lead
- (x) Opacity

6. Compliance with the emission limitations of Specific Condition Nos. 2, 3 and 4 shall be determined using EPA Methods 1, 2, 3, 4, 5, 9 and 12 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 17-2.700, F.A.C. In the case of the Method 9, Section 2.5 shall be excluded, pursuant to 40 CFR 52.535(b)(5); thus waiving the six minute averaging period and establishing an instantaneous standards. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60, Appendix A.

7. The visible emission tests on the lead refining area baghouse and the building shall be at least thirty (30) minutes in duration pursuant to Section 17-2.700, F.A.C., and shall be conducted concurrent with one of the Method 12 runs.

8. The discharge of air pollutants which cause or contribute to an objectionable odor is prohibited. [Rule 17-2.620(2), F.A.C.]

9. Testing of emissions must be accomplished while two (2) kettles are operating. The actual charging rate and type of materials charged during the test shall be specific in each test result. Failure to include the actual process or production rate in the results may invalidate the test. [Rule 17-4.070(3), F.A.C.]

10. Non-process fugitive emissions (road dust, stockpiles, plant grounds, etc.) shall be minimized. Minimization efforts shall include such fugitive dust suppression activities as chemical stabilization, water spraying with appropriate runoff collection, resurfacing, sweeping, revegetation, and other EPA approved methods. [40 CFR 52.535(b)(2)].

11. The permittee shall maintain continuous records of plant process and emission control operations as necessary to determine continuous compliance. Such records shall include reports of all process operations and control equipment operating parameters. Such records shall also include reports of all types of process upsets and

PERMITTEE:
Gulf Coast Recycling, Inc.

Permit Number: AC 29-184883
Expiration Date: June 30, 1992

emission control equipment malfunctions detailing the nature and duration of the upset or malfunction, the expected effects on emissions, and the corrective actions taken or planned to avoid recurrences. Such records shall be available at the plant site for inspection for a period of at least two (2) years. [40 CFR 52.535(b)(4)]

12. The Environmental Protection Commission of Hillsborough County shall be notified in writing 15 days in advance of any compliance test to be conducted on this source. [Rules 17-2.800 and 17-2.710, F.A.C.]

13. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), Florida Statutes:

- (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

14. The permittee shall comply with all applicable provisions of F.A.C. Chapters 17-2 and 17-4, and the EPCHC rules.

15. 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 date of the permit (F.A.C. Rule 17-4.090).

16. An application for an operation permit must be submitted to the EPCHC office at least 90 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the applicant shall submit the appropriate application form, operation and maintenance plan for the control equipment, 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 _____ day
of _____, 1992

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

STEVE SMALLWOOD, P.E., Director
Division of Air Resources Mgmt.