

**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 box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

<b>3. Article Addressed to:</b> Mr. Michael J. Tipping Manager, Environmental Affairs SCM Glidco Organics P. O. Box 389 Jacksonville, FL 32201	<b>4. Article Number</b> P 938 762 815 <b>Type of Service:</b> <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
<b>5. Signature - Address</b> X	<b>8. Addressee's Address (ONLY if requested and fee paid)</b>
<b>6. Signature - Agent</b> X <i>[Signature]</i>	
<b>7. Date of Delivery</b> <i>1-29-90</i>	

PS Form 3811, Mar. 1988      \* U.S.G.P.O. 1988-212-865      DOMESTIC RETURN RECEIPT

P 938 762 815

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

Sent to Mr. Michael J. Tipping, SCM	
Street and No. P. O. Box 389	
P.O., State and ZIP Code Jacksonville, FL 32201	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 1-26-90 Permit: AC 16-169786	

PS Form 3800, June 1985



# Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

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

Mr. Michael J. Tipping  
Manager, Environmental Affairs  
SCM Glidco Organics  
P. O. Box 389  
Jacksonville, Florida 32201

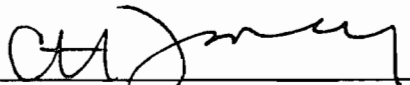
January 23, 1990

Enclosed is construction permit No. AC 16-169786 for SCM Glidco Organics to construct a 136,065 gallon bulk storage tank at their facility in Jacksonville, Duval County, Florida. 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. Faney, P.E.  
Chief  
Bureau of Air Regulation

Copy furnished to:

A. Kutyna, NE District  
S. Pace, BESD

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 business on 1-26-90.

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.

Kim Baker  
Clerk

1-26-90  
Date

Final Determination

SCM Glidco Organics  
Duval County

Permit No. AC 16-169786  
Turpentine Storage Tank

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

January 18, 1990

## Final Determination

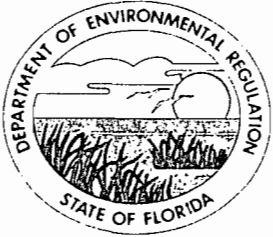
SCM Glidco Organics' application for a permit to construct a 136,065 gallon bulk storage tank at their existing facility in Duval County, Florida, has been reviewed by the Bureau of Air Regulation.

Public Notice of the Department's Intent to Issue the construction permit was published in the Financial News & Daily Records on November 28, 1989.

Copies of the Preliminary Determination have been available for public inspection at the Department's Northwest District office in Jacksonville, Florida, the Duval County Dept. of Health, Welfare and Bio-Environmental Services (BESD) and the Department's Bureau of Air Regulation in Tallahassee.

No comments were received as a result of the public notice period.

The final action of the Department will be to issue the permit as noted during the public notice period.



# Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**

SCM Glidco Organics Corp.  
P. O. Box 389  
Jacksonville, FL 32201

Permit Number: AC 16-169786

Expiration Date: August 30, 1990

County: Duval

Latitude/Longitude: 30°22'45"N  
81°39'50"W

Project: 137,065 Gallon  
Turpentine Storage Tank

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 construction/installation of a 137,065 gallon turpentine storage tank, to be located in Jacksonville, Duval County, Florida. The UTM coordinates are zone 17, 436-170 km East and 3360-750 km North.

The source shall be constructed/installed 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 to Construct Air Pollution Sources, DER Form 17-1.122(6), dated August 24, 1989.
2. Department's letter of September 22, 1989.
3. SCM Glidco Organics Corp.'s letter dated September 24, 1989.

PERMITTEE:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

**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.
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.

PERMITTEE:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

**GENERAL CONDITIONS:**

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:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

**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 proscribed 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. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- (x) Compliance with New Source Performance Standards (NSPS)

14. 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.

PERMITTEE:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

**GENERAL CONDITIONS:**

- 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 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.

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 corrected promptly.

**SPECIFIC CONDITIONS:**

1. This source is allowed to operate continuously (8760 hours per year).
2. Expected annual usage and potential VOC emissions shall not exceed:

Tank I.D.	Product Storage	Tank Vol.	Tank Height	Annual Usage	VOC Emissions lb/hr	TPY
247.05	Turpentine or turpentine derivatives	137,065 gallons	32 ft.	3.2MM gal/year	0.007	0.03

PERMITTEE:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

**SPECIFIC CONDITIONS:**

3. If any spills, leaks, etc. occur, the Bio-Environmental Service Division (BESD) office shall be promptly notified.

4. The applicant shall prevent objectionable odors from reaching off-plant property.

5. This source shall comply with all applicable provisions of Subpart Kb, 40 CFR 60, NSPS for Volatile Organic Liquid Storage Vessels for which construction, reconstruction, or modification commenced after July 23, 1984.

6. The company shall conduct compliance verification by periodic visual inspections of the equipment used to store and transfer the product. Records of the inspections shall be maintained for a minimum of two years. These records shall be made available to the Department upon request.

7. This source shall comply with all applicable provisions of Chapter 403, Florida Statutes and Chapters 17-2 and 17-4, Florida Administrative Code.

8. The permittee shall be required to submit annual reports on the actual operation and emissions from this source. These reports shall be sent to the BESD office.

9. 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).

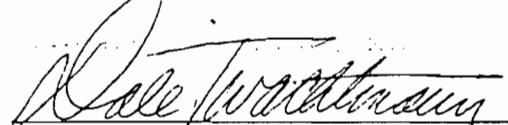
10. An application for an operation permit must be submitted to the Bio-Environmental Service Division (BESD) office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant 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. Rule 17-4.220).

PERMITTEE:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

Issued this 22 day  
of Jan, 1990

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
Dale Twachtmann, Secretary



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Dale Twachtmann

fx FROM: Steve Smallwood *[Signature]*

DATE: January 18, 1990

SUBJ: Approval of Construction Permit for SCM Glidco Organics  
Permit No. AC 16-169786

Attached for your approval and signature is a permit prepared by Bureau of Air Regulation for the above mentioned company to construct a 136,065 gallon bulk storage tank at their facility in Duval County, Florida.

No comments were received during the public notice period.

Day 90, after which this permit will be issued by default, is January 23, 1990.

I recommend your approval and signature.

Attachments

SS/TH/plm

RECEIVED  
JAN 19 1990

Office of the Secretary

*Please call  
Patty Adams  
when signed  
8-1344*

Check Sheet

Company Name: SCM Glideo Organics  
Permit Number: AC16-169786  
PSD Number: \_\_\_\_\_  
Permit Engineer: \_\_\_\_\_

**Application:**

- |                                                            |                          |
|------------------------------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> Initial Application    | Cross References:        |
| <input checked="" type="checkbox"/> Incompleteness Letters | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Responses              | <input type="checkbox"/> |
| <input type="checkbox"/> Waiver of Department Action       | <input type="checkbox"/> |
| <input type="checkbox"/> Department Response               |                          |
| <input type="checkbox"/> Other                             |                          |

**Intent:**

- Intent to Issue
- Notice of Intent to Issue
- Technical Evaluation
- BACT or LAER Determination
- Unsigned Permit
- Correspondence with:
  - EPA
  - Park Services
  - Other
- Proof of Publication
  - Petitions - (Related to extensions, hearings, etc.)
  - Waiver of Department Action
  - Other

**Final**

**Determination:**

- Final Determination
- Signed Permit
- BACT or LAER Determination
- Other

**Post Permit Correspondence:**

- Extensions/Amendments/Modifications
- Other



**GLIDCO**  
Organics

**RECEIVED**

DEC 4 1989

Dept. of Environmental Reg.  
Office of General Counsel

P. O. Box 389, Jacksonville, FL 32201 USA, (904) 768-5800, (800) 231-6728 / CABLE: FLAWOOD, Telex: 44-1763

December 1, 1989

Certified P861 625 350  
Return Receipt Requested

**RECEIVED**  
DEC 05 1989  
DER - BAQM

Office of General Counsel  
Florida Department of  
Environmental Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

RE: Notice of Intent to Issue  
Permit AC 16-169786

Dear Sirs:

Please find enclosed proof of publication of the above referenced notice. The notice appeared in the November 28th issue of Financial News and Daily Record.

Sincerely,

Michael J. Tipping, Manager  
Environmental Affairs

MJT:pjh:135

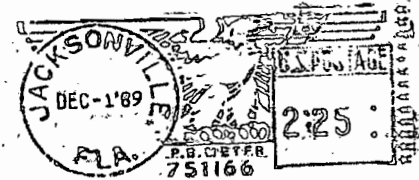
cc: H.E. Philips  
L.T. Chiodi

Enclosure

*copied: S. Heron  
A. Kutynski, NEWD, etc.  
S. Pace, BESD*



P. O. Box 389, Jacksonville, FL 32201 USA



OFFICE OF GENERAL COUNSEL  
FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FL 32399-2400





FINANCIAL NEWS &  
**Daily Record**

**PROOF OF PUBLICATION**

(Published Daily Except Saturday and Sunday)  
Jacksonville, Duval County, Florida

STATE OF FLORIDA, }  
                                  } ss:  
COUNTY OF DUVAL, }

Before the undersigned authority personally appeared  
Donna R. Collins, who on oath says that she is the Business Manager of FINANCIAL  
NEWS and DAILY RECORD, a daily (except Saturday and Sunday) newspaper published at  
Jacksonville, in Duval County, Florida; that the attached copy of advertisement, being a

NOTICE OF INTENT TO ISSUE

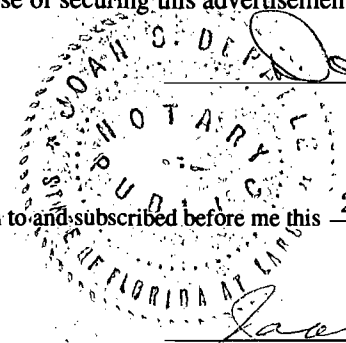
in the matter of SCM Glidco Organics

in the \_\_\_\_\_ Court, of Duval County, Florida, was published  
in said newspaper in the issues of November 28, 1989

Affiant further says that the said FINANCIAL NEWS and DAILY RECORD is a newspaper  
at Jacksonville, in said Duval County, Florida, and that the said newspaper has heretofore  
been continuously published in said Duval County, Florida, each day (except Saturday and  
Sunday) and has been entered as second class matter at the post office in Jacksonville, in  
said Duval County, Florida, for a period of one year next preceding the first publication of  
the attached copy of advertisement; and affiant further says that he has neither paid nor  
promised any person, firm or corporation any discount, rebate, commission or refund for the  
purpose of securing this advertisement for publication in said newspaper.

Donna R. Collins  
Business Manager

Sworn to and subscribed before me this 28th day of November A.D. 1989



James S. DePasle  
Notary Public, State of Florida  
My Commission Expires Aug. 14, 1990

State of Florida  
Department of Environmental  
Regulation

NOTICE OF INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to SCM Glidco Organics, P.O. Box 389, Jacksonville, Florida 32201 to construct/install a 136,065 gallon bulk storage tank at their facility located at W. 61st Street in Jacksonville, Duval 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 fourteen (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 partic-

ipate 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 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  
Northeast District Office  
3426 Bills Road  
Jacksonville, Florida 32207  
Duval County Dept. of Health,  
Welfare and Bio-Environmental  
Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Any person may send written comments on the proposed action to Mr. Bill Thomas 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.

Nov. 28

(89-6821)

● **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 box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

<b>3. Article Addressed to:</b> Mr. Michael Tipping Manager Environmental Affairs SCM Glidco Organics P. O. Box 389 Jacksonville, FL 32201	<b>4. Article Number</b> P 938 762 755 <b>Type of Service:</b> <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
<b>5. Signature - Address</b> X	<b>8. Addressee's Address (ONLY if requested and fee paid)</b>
<b>6. Signature - Agent</b> X <i>Pineda</i>	
<b>7. Date of Delivery</b> <i>11-22-89</i>	

PS Form 3811, Mar. 1988 \* U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

P 938 762 755

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

Sent to Mr. Michael Tipping, SCM Organ	
Street and No. P. O. Box 389	
P.O., State and ZIP Code Jacksonville, FL 32201	
Postage	S
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	S
Postmark or Date Permit: AC 16-169786 Mailed: 11-20-89	

PS Form 3800, June 1985



# Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

November 14, 1989

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

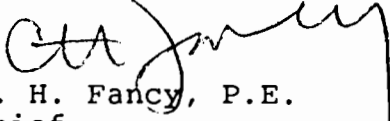
Michael Tipping, Manager Environmental Affairs  
SCM Glidco Organics  
P. O. Box 389  
Jacksonville, Florida 32201

Dear Mr. Tipping:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permit for SCM Glidco Organics to construct/install a 136,065 gallon bulk storage tank at their facility in Jacksonville, Duval County, Florida.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Bill Thomas of the Bureau of Air Regulation.

Sincerely,

  
C. H. Fancy, P.E.  
Chief

Bureau of Air Regulation

CHF/TH/plm

Attachments

c: M. Benjamin, NE District  
Steve Pace, BESD

BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of  
Application for Permit by:

SCM Glidco Organics  
P. O. Box 389  
Jacksonville, Florida 32201

DER File No. AC 16-169786

---

INTENT TO ISSUE

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

The applicant, SCM Glidco Organics, applied on August 24, 1989, to the Department of Environmental Regulation for a permit to construct/install a 136,065 gallon bulk storage tank to store turpentine and turpentine derivatives to be located at their facility in Jacksonville, Duval County, Florida.

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

Pursuant to Section 403.815, F.S. 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. The applicant shall provide proof of publication to the Department, at the address specified 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 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 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(s) 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 in 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.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



---

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

Copies furnished to:

M. Benjamin, NE District  
Steve Pace, BESD

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on 11-20-89.

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.

Kimi Ober  
Clerk

11-20-89  
Date



State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to SCM Glidco Organics, P.O. Box 389, Jacksonville, Florida 32201 to construct/install a 136,065 gallon bulk storage tank at their facility located at W. 61st Street in Jacksonville, Duval 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 fourteen (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 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  
Northeast District Office  
3426 Bills Road  
Jacksonville, Florida 32207

Duval County Dept. of Health, Welfare and  
Bio-Environmental Services  
421 W. Church Street, Suite 412  
Jacksonville, Florida 32202

Any person may send written comments on the proposed action to Mr. Bill Thomas 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.

Technical Evaluation  
and  
Preliminary Determination

SCM Glidco Organics  
Duval County

Permit No. AC 16-169786  
Terpene Storage Tank

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

November 14, 1989

I. SYNOPSIS OF APPLICATION

I.1 Applicant Name and Address

SCM Glidco Organics  
West 61st Street  
Jacksonville, Florida 32201

I.2 Reviewing and Process Schedule

Date of Receipt of Application: August 24, 1989 at the  
Bio-Environmental Services Division Office.

30 days of Completeness Review: Department's letter dated  
September 22, 1989.

Response to Incompleteness Letter: Company's letter dated  
September 24, 1989.

Application Completeness Date: September 29, 1989.

II. FACILITY INFORMATION

II.1 Facility Location

SCM Glidco Organics Corporation is located at West 61st  
Street in Jacksonville, Duval County, Florida. The UTM  
coordinates are 436.17 km East and 3360.75 km North.

II.2 Standard Industrial Classification Code (SIC)

This facility is classified as follows:

Major Group 28 - Chemicals and Allied Products.

Group No. 286 - Industrial Organics Chemicals.

Industry No. 2869 - Industrial Organics Chemicals, not  
elsewhere classified.

II.3 Facility Category

SCM Glidco Organics is classified as a major emitting  
facility for sulfur dioxide (275.4 TPY) and nitrogen oxides  
(149.1 TPY). Existing permitted emissions of VOC are 57.8 TPY.  
The proposed project will increase VOC by 0.03 TPY.

III. PROJECT DESCRIPTION

The proposed project will consist of the installation of a  
136,065 gallon bulk storage tank. The new tank will be a 27 feet  
diameter by 32 feet height carbon steel vertical fixed roof tank

designed to store turpentine and derivatives thereof. A 25,000 gallon tank presently located on the site of the new tank will be relocated and renumbered. The new tank will be equipped with vent connections leading to the plant power boilers to control VOC emissions. An increase of 0.03 TPY in overall plant VOC emissions is projected as a result of this project.

#### IV. RULE APPLICABILITY

The proposed project is subject to preconstruction review under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (F.A.C.) Rules 17-2 and 17-4.

SCM is located an area currently designated nonattainment for the pollutant ozone in accordance with F.A.C. Rule 17-2.410 and in the area of influence for particulate matter.

The proposed project, the installation of a terpene storage tank, is exempt from review under F.A.C. Rule 17-2.510, New Source Review for Nonattainment Areas because its emissions do not exceed the VOC significant emission level as specified in F.A.C. Rule 17-2.510(2)(d)4.a. and F.A.C. Rule 17-2.510(2)(e)2.

The proposed project shall be permitted under Rule 17-2.520, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements.

The proposed source shall comply with F.A.C. Rules 17-2.620 (1) and (2), General Pollutant Emission Limiting Standards and F.A.C. Rule 17-2.660 Standards of Performance for New Stationary Sources (NSPS) (2) (3), Table 600-1, Section 60.110b; Subpart Kb, NSPS for Storage Vessels for Petroleum Liquids constructed after July 23, 1984.

#### IV. SOURCE IMPACT ANALYSIS

##### IV.1 Emission Limitations

The chemical products stored in this tank are either turpentine or turpentine derivatives. The volatile organic compound (VOC) emissions shall not exceed 0.03 TPY.

The permitted emissions and tank parameters shall not exceed the following:

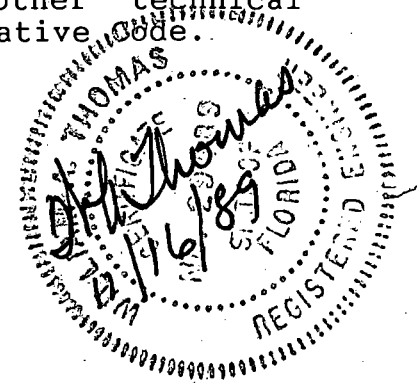
Tank I.D.	Product Storage	Tank Vol.	Tank Height	Annual Usage	VOC Emissions lb/hr	TPY
247.05	Turpentine or turpentine derivatives	137,065 gallons	32 ft.	3.2MM gal/year	0.007	0.03

#### IV.2 Air Quality Analysis

From a technical review of the application, the Department has determined that the construction and operation of this source will not have a detrimental impact on Florida's ambient air standards.

#### V. CONCLUSION

Based on the information provided by SCM Glidco, the Department has reasonable assurance that the proposed source, installation of a 136,065 gallon bulk storage tank, 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 of PSD increment, or violate any other technical provision of Chapter 17-2 of the Florida Administrative Code.





## Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**  
SCM Glidco Organics Corp.  
P. O. Box 389  
Jacksonville, FL 32201

**Permit Number:** AC 16-169786  
**Expiration Date:** August 30, 1990  
**County:** Duval  
**Latitude/Longitude:** 30°22'45"N  
81°39'50"W

**Project:** 137,065 Gallon  
Turpentine Storage Tank

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 construction/installation of a 137,065 gallon turpentine storage tank, to be located in Jacksonville, Duval County, Florida. The UTM coordinates are zone 17, 436-170 km East and 3360-750 km North.

The source shall be constructed/installed 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 to Construct Air Pollution Sources, DER Form 17-1.122(6), dated August 24, 1989.
2. Department's letter of September 22, 1989.
3. SCM Glidco Organics Corp.'s letter dated September 24, 1989.

PERMITTEE:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

**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.
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.



PERMITTEE:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

GENERAL CONDITIONS:

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:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

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 proscribed 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. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- (x) Compliance with New Source Performance Standards (NSPS)

14. 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.

PERMITTEE:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

GENERAL CONDITIONS:

- 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 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.

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 corrected promptly.

SPECIFIC CONDITIONS:

1. This source is allowed to operate continuously (8760 hours per year).
2. Expected annual usage and potential VOC emissions shall not exceed:

Tank I.D.	Product Storage	Tank Vol.	Tank Height	Annual Usage	VOC Emissions lb/hr	TPY
247.05	Turpentine or turpentine derivatives	137,065 gallons	32 ft.	3.2MM gal/year	0.007	0.03

PERMITTEE:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

**SPECIFIC CONDITIONS:**

3. If any spills, leaks, etc. occur, the Bio-Environmental Service Division (BESD) office shall be promptly notified.
4. The applicant shall prevent objectionable odors from reaching off-plant property.
5. This source shall comply with all applicable provisions of Subpart Kb, 40 CFR 60, NSPS for Volatile Organic Liquid Storage Vessels for which construction, reconstruction, or modification commenced after July 23, 1984.
6. The company shall conduct compliance verification by periodic visual inspections of the equipment used to store and transfer the product. Records of the inspections shall be maintained for a minimum of two years. These records shall be made available to the Department upon request.
7. This source shall comply with all applicable provisions of Chapter 403, Florida Statutes and Chapters 17-2 and 17-4, Florida Administrative Code.
8. The permittee shall be required to submit annual reports on the actual operation and emissions from this source. These reports shall be sent to the BESD office.
9. 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).
10. An application for an operation permit must be submitted to the Bio-Environmental Service Division (BESD) 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 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. Rule 17-4.220).

PERMITTEE:  
SCM Glidco Organics Corp.

Permit Number: AC 16-169786  
Expiration Date: August 30, 1990

Issued this \_\_\_\_\_ day  
of \_\_\_\_\_, 1989

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

---

Dale Twachtman, Secretary



**GLIDCO**  
Organics

P. O. Box 389, Jacksonville, FL 32201 USA, (904) 768-5800, (800) 231-6728 / CABLE: FLAWOOD, Telex: 44-1763, FACSIMILE: (904) 768-2200

September 27, 1989

RECEIVED

SEP 29 1989

DER-BAQM

Mr. C.H. Fancy, P.E.  
Bureau of Air Regulation  
Twin Towers Office Bldg.  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

RE: AC 16-169786  
Construction Permit

Dear Mr. Fancy:

Please find enclosed the additional information you requested in your letter dated 9/22/89. Specifically, the addition items are:

- Page 1 and 2 with a Professional Engineer signature and seal and company representative's signature.
- Boise Cascade material safety data sheet for the material to be stored in the tank.
- Calculated true vapor pressure as described in 40 CFR 60.111 (b). The composition of the material was obtained from a one year composite of all turpentine receipts. The maximum average temperature per the National Weather Service was 81.3°F for July. Vapor pressures are calculated from Antoine coefficients obtained from published sources. The resulting maximum true vapor pressure is 1.36 kPa which is well below the threshold of 5.2 kPa.

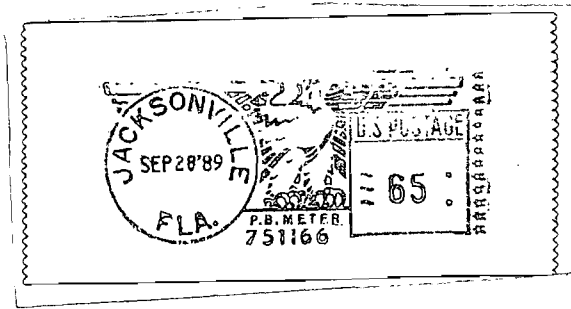
I trust that the enclosed information will enable your department to proceed with the application. If there are any questions regarding this matter, please contact me at the above listed address or phone number.

Sincerely,

Michael J. Tipping, Manager  
Environmental Affairs

MJT:pjh:115  
cc: Steve Pace, BESD  
File

Enclosures  
copied: J. Nelson  
M. Benjamin, NE Dist  
CHF/BT



**GLIDCO**  
Organics

P.O. BOX 389/JACKSONVILLE, FL 32201 USA

RETURN REQUESTED

- 1st Class or Priority Mail
- Air Mail
- 3rd Class Mail
- Parcel Post
- United Parcel—  
50 lbs. and under
- Freight—  
50 lbs. and over
- Air Express

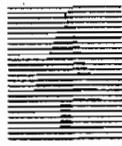
**SPECIAL SERVICES**

- Registered—  
Value \$
- Certified
- Insured—  
Value \$
- Return Receipt
- Special Delivery

**OTHER SERVICES**  
Contact Mailing  
Dept. Supervisor

MR. C.H. FANCY, P.E.  
BUREAU OF AIR REGULATION  
TWIN TOWERS OFFICE BLDG.  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400

Form 353



**GLIDCO**  
Organics

P. O. Box 389, Jacksonville, FL 32201 USA, (904) 768-5800, (800) 231-6728 / CABLE: FLAWOOD, Telex: 44-1763, FACSIMILE: (904) 768-2200

August 22, 1989

Department of Environmental Regulations  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

RE: Letter of Authorization

Dear Sir:

This letter serves to authorize Michael J. Tipping, Manager of Environmental Affairs for SCM Glidco Organics, to sign applications regarding permits to construct or operate air pollution sources.

Sincerely,

R.P. Chatham  
Vice-President/Manufacturing

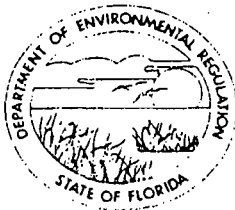
RPC:pjh:2  
cc

Enclosures



## DEPARTMENT OF ENVIRONMENTAL REGULATION

## NORTHEAST DISTRICT

3426 BILLS ROAD  
JACKSONVILLE, FLORIDA 32207  
904/798-4200BOB MARTINEZ  
GOVERNOR  
DALE TWACHTMANN  
SECRETARY  
ERNEST E. FREY  
DISTRICT MANAGER  
GARY L. SHAFFER  
ASSISTANT DISTRICT MANAGER

## APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: STORAGE TANK  New<sup>1</sup> [ ] Existing<sup>1</sup>APPLICATION TYPE:  Construction [ ] Operation [ ] ModificationCOMPANY NAME: SCM GLIDCO ORGANICS CORP. COUNTY: DUVALIdentify the specific emission point source(s) addressed in this application (i.e. Lime  
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) TERPENE STORAGE TANKSOURCE LOCATION: Street WEST 61ST STREET City JACKSONVILLEUTM: East 7436-170 North 3360-750Latitude 30 ° 22 ' 45 "N Longitude 81 ° 39 ' 50 "WAPPLICANT NAME AND TITLE: MICHAEL J. TIPPING, MANAGER/ENVIRONMENTAL AFFAIRSAPPLICANT ADDRESS: P.O. BOX 389, JACKSONVILLE, FLORIDA 32201

## SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

## A. APPLICANT

I am the undersigned owner or authorized representative\* of SCM GLIDCO ORGANICS CORP

I certify that the statements made in this application for a CONSTRUCTION permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

\*Attach letter of authorization

Signed: *Michael J. Tipping*  
MICHAEL J. TIPPING, MGR./ENVIRONMENTAL AFFAIRS  
Name and Title (Please Type)Date: 8/21/89 Telephone No. 904/768-5800

## B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

<sup>1</sup> See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed Michael J. Tipping

MICHAEL J. TIPPING, P.E.

Name (Please Type)

SCM GLIDCO ORGANICS CORP.

Company Name (Please Type)

P.O. Box 389, JACKSONVILLE, FLORIDA 32201

Mailing Address (Please Type)

Florida Registration No. 37375

Date: 8/21/89

Telephone No. 904/768-5800

SECTION II: GENERAL PROJECT INFORMATION

- A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

SEE ATTACHED

- B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction DECEMBER 1, 1989 Completion of Construction JANUARY 31, 1989

- C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

POLLUTION CONTROL DEVICES INCLUDED PRESS-RELIEVING MANWAY

\$3,000.00 CONSERVATION VENT \$3,000.00 VENT PIPING

CONSTRUCTION \$1,000.00.

- D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

EXISTING TANK 247-5 TO BE RELOCATED AND RENUMBERED

PERMIT A016-92271 EXPIRING 11/30/89

VAPOR PRESSURE CALCULATION FOR CRUDE SULFATE TURPENTINE AT 81.3 Deg F

Name	Mol Formula	Mol Wt	---- Vapor Pressure ----			Temp deg C	Vap Press mm Hg.	CST Analysis Wt Frac	CST Analysis Mol Frac	CST Vap Press mm Hg.	kPa	
			A	B	C							
Source:												
Methyl Mercaptan	CH4S	48.06	16.2514	2338.20	-37.0	STD REF	27.3	1589.27847	0.00044	0.001257	1.999127	
Dimethyl Sulfide	C2H6S	62.06	16.5793	2732.60	-38.0	STD REF	27.3	474.11876	0.00320	0.007084	3.358899	
Dimethyl Disulfide	C2H6S2	98.12	15.1519	2840.10	-55.0	STD REF	27.3	35.65297	0.00057	0.000798	0.028456	
Tricyclene	C10H16	136.23	17.6713	4701.90	0.0	HEP	27.3	7.49291	0.00400	0.004034	0.030228	
alpha-Pinene	C10H16	136.23	17.2440	4311.19	-21.9	CRC/RSG	27.3	5.80585	0.62000	0.625303	3.630413	
Camphene	C10H16	136.24	17.5394	4354.86	-34.3	CRC/RSG	27.3	3.20847	0.01300	0.013110	0.042063	
beta-Pinene	C10H16	136.23	17.3218	4308.02	-28.5	CRC/RSG	27.3	4.36491	0.20900	0.210787	0.920069	
Myrcene	C10H16	136.24	17.1665	4281.30	-38.1	CRC/RSG	27.3	2.31180	0.01100	0.011093	0.025645	
Dipentene Fraction	C10H16	136.23	17.4654	4595.53	-23.8	LIMONEN	27.3	2.32542	0.07600	0.076650	0.178243	
alpha-Terpineol Frac	C10H18O	154.25	18.2504	5273.39	-36.8	CRC/RSG	27.3	0.17190	0.05600	0.049880	0.008574	
									0.99321	1.00000	10.22172	1.36


  
*M. L. [Signature]* P.E.
   
 9-27-89



# Material Safety Data Sheet



Boise Cascade Corporation

M. Tipping ok P. A. L.

JAN 03 1989

S. Kemp

# 100

## A. GENERAL INFORMATION:

TRADE NAME (COMMON NAME OR SYNONYM)		C.A.S. NO.	
Turpentine (Spirit of Turpentine)		8006-64-2	
CHEMICAL NAME			
Mixture of Hydrocarbon			
DIVISION/PLANT ADDRESS (No., STREET, CITY, STATE AND ZIP CODE)			
Paper Group 307 West Industrial Road Jackson, AL 36545			
CONTACT	PHONE NUMBER	DATE OF ISSUE	DATE OF REVISION
Joe Mathews	(205)246-4461	6/86	9/88

## B. FIRST AID MEASURES:

### EMERGENCY PHONE NUMBER:

**Eyes:** Immediately flush thoroughly with water for 15 minutes, including under eyelids. Contact physician.  
**Skin:** Remove contaminated clothing. Wash exposed areas with soap and warm water. Contact physician if irritation persists.  
**Inhalation:** Remove victim to fresh air. Aid breathing if necessary. Contact physician if irritation persists or for excessive exposure.  
**Ingestion:** Contact physician promptly, give edible oil or white mineral oil to drink. Do not induce vomiting.

NOTES TO PHYSICIAN

If ingested, stomach pumping or lavage may be required.

## C. HAZARDOUS INGREDIENTS (Mixtures Only)

MATERIAL OR COMPONENT	%	HAZARD DATA STANDARDS AND LETHALITY
Not applicable.		

## D. PHYSICAL HAZARDS INFORMATION:

### Fire and Explosion

FLASH POINT	°C	AUTO IGNITION TEMPERATURE	°C	FLAMMABLE LIMITS IN AIR (% BY VOL.)
90° - 115° F		488° F		0.8%
<input type="checkbox"/> OPEN CUP	<input checked="" type="checkbox"/> CLOSED CUP			LEL UEL Unknown
SPECIAL FIREFIGHTING PROCEDURES				EXTINGUISHING MEDIA
Water Stream may be ineffective on Fire, but surrounding buildings should be cooled with water. Firefighters should have self-contained breathing apparatus.				CO <sub>2</sub> , Dry Chemical Foam
UNUSUAL FIRE AND EXPLOSION HAZARDS AND DECOMPOSITION PRODUCTS				
Floats on water. When heated, is moderate fire and explosion hazard. Emits acrid gases when heated. Can be OSHA Class IC or Class II Liquid depending on flash point.				

**Reactivity****CONDITIONS CONTRIBUTING TO INSTABILITY**

Can undergo auto-oxidation in air and generate heat which can build up in a confined space. Storage vessel should be sealed to exclude air.

**INCOMPATIBILITY**

Avoid strong oxidizers, oxidation catalysts, and sources of ignition and heat.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Not Available.

**CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION**

Not Available

**E. HEALTH HAZARDS INFORMATION****Standards and Lethality****Medical/Biological Monitoring**

TLV-TWA 100 PPM, STEL 150 PPM; OSHA Std.  
TWA 100 PPM

TESTS FOR EXPOSURE  
Not Available

**Routes of Exposure****Signs and Symptoms****Toxic Effects of Overexposure****Acute****Chronic**

INHALATION	Irritation, headache, dizziness, chest pain, bronchitis, pulmonary edema cyanosis, narcosis, rapid heart rate.	Not Available	Not Available
SKIN CONTACT	Irritation, dermatitis, chemical burns	Not Available	Not Available
SKIN ABSORPTION	Blood and Albumin in urine	Systemic effects, especially involving kidneys	Allergic sensitization.
EYE CONTACT	Irritation, chemical burns, conjunctivitis. Vapors can irritate eyes at 175 PPM.	Not available	Not Available
INGESTION	Nausea, irritation of throat, nasal, and gastric tissue.	Serious illness or death. (Mean Lethal dose, adult is 4-6 oz.)	Not Available.

**MEDICAL CONDITIONS AGGRAVATED BY CHEMICAL EXPOSURE**

Not Available.

**CARCINOGENICITY INFORMATION**

Not on any carcinogen list

**OTHER TOXICITY DATA SUCH AS TETRATOGENICITY, MUTAGENICITY AND SYNERGISTIC PRODUCTS**

None known.

**PHYSICAL DATA:**

## Turpentine

MATERIAL IS (AT NORMAL CONDITIONS) <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> SOLID <input type="checkbox"/> GAS <input type="checkbox"/> _____		APPEARANCE AND ODOR/ODOR THRESHOLD Clear, colorless liquid with pungent odor. Turpentine from kraft pulp process is clear, yellowish liquid with pungent, penetrating turpentine/sulfur odor.	
BOILING POINT      154° - 170° C °C MELTING POINT      not available °C	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)      ~ 0.87 @ 15° C	VAPOR DENSITY (AIR = 1) 4.8	
SOLUBILITY IN WATER (% by Weight) 0.023% @ 25° C	pH	VAPOR PRESSURE (mm Hg at 20°C) 5mm Hg @ 25°C 400 mm Hg @ 132°C	
EVAPORATION RATE (Butyl Acetate = 1) Not available.	% VOLATILES BY VOLUME (At 20°C) ~ 98		

**SAFE HANDLING AND USE:****Personal Protective Equipment**

<b>RESPIRATORY (TYPE)</b> In high vapor concentrations, use approved full face respirator or self-contained breathing apparatus.
<b>EYE</b> Safety glasses, goggles, or full face shield (if splashing likely).
<b>GLOVES (TYPE)</b> Chemical/Solvent Resistant.
<b>OTHER CLOTHING AND EQUIPMENT</b> Chemical/solvent resistant over clothing for extensive exposure.

**Engineering Controls**

<b>VENTILATION REQUIREMENTS</b> Ventilation should be adequate to maintain vapor level below mandated exposure limits.
<b>OTHER TYPES OF ENGINEERING CONTROLS</b> All transfer equipment and storage vessels should be electrically grounded.

**Work Practices**

<b>SPECIAL PERSONAL HYGIENE PRECAUTIONS</b> Personnel who normally work with turpentine should be clean shaven to facilitate proper fitting of respirators, if needed.
<b>PROTECTIVE MEASURES DURING THE REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT</b> All equipment must be electrically grounded. Storage vessels must be emptied and purged until safe for entry, welding, burning, and other work activities. Tools should be anti-spark type. Work area should be isolated by flagging.
<b>OTHER SPECIAL WORK PRACTICES</b> Smoking prohibited while working on equipment.

## Storage

### STORAGE REQUIREMENTS AND PRECAUTIONS

Keep flame and ignition sources out of storage area. Exclude air from storage vessels. Keep oxidizers and oxidation catalysts out of storage area.

## H. ENVIRONMENTAL

### Disposal, Spill or Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED\* Ventilate spill area with explosion-proof equipment. Personnel should wear protective clothing and use approved respirator, if needed. Contain spill, pick up any absorbent material, place in closed containers and dispose of promptly by approved method. Wash up residue with soap and water.  
\* Appropriate Regulatory Agencies should be notified in the event of an accident.

### NEUTRALIZING CHEMICALS AND WASTE DISPOSAL METHODS

No neutralization required, burn in approved incinerator. Scrap or contaminated turpentine may be mixed with more flammable solvents for burning.

### HAZARDOUS WASTE DESIGNATION

Meets criteria for ignitability category (Code I).

### EMISSION STANDARDS AND EMISSION CONTROL EQUIPMENT

None

## Other

### DEGRADABILITY

Not available

### AQUATIC TOXICITY (E.G. 96 HR. TLM):

Extremely toxic to fish. 1000 ppm is 100% Toxic to all fish. 10-100 PPM will produce mass fish kills, although some tolerant fish may survive.

## I. ADDITIONAL INFORMATION

### SHIPPING LABEL

DOT: Combustible Liquid, N.O.S. UN1993

IATA:

THIS MATERIAL SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION. WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE CORRECT, THE BOISE CASCADE CORPORATION PROVIDES NO WARRANTIES, EITHER EXPRESS OR IMPLIED, AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE DATA CONTAINED HEREIN.



● **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 box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

<b>3. Article Addressed to:</b> Mr. Michael J. Tipping Manager Environmental Affairs SCM Glidco Organics Corp. P. O. Box 389 Jacksonville, FL 32201		<b>4. Article Number</b> P 938 762 685	
		<b>Type of Service:</b> <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
		Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>	
<b>5. Signature - Address</b> X <i>David Richard</i>		<b>8. Addressee's Address (ONLY if requested and fee paid)</b>	
<b>6. Signature - Agent</b> X <i>9/26/89</i>			
<b>7. Date of Delivery</b>			

PS Form 3811, Mar. 1988 \* U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

P 938 762 685

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mr. Michael J. Tipping, SCM	
Street and No. Glidco Organics P.O. Box 389	
P.O., State and ZIP Code Jacksonville, FL 32201	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 9-22-89 Permit: AC 16-169786	

PS Form 3800, June 1985



# Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

September 22, 1989

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Michael J. Tipping  
Manager Environmental Affairs  
SCM Glidco Organics Corporation  
Post Office Box 389  
Jacksonville, Florida 32201

Dear Mr. Tipping:

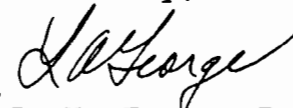
Re: Completeness Review for AC 16-169786  
Application to Construct Air Pollution Sources

The Department has reviewed your application for a permit to construct a terpene storage tank at the SCM Glidco Organics Corporation facility in Jacksonville, Duval County, Florida. We need more information to process this application. Please complete the application by supplying the information requested below:

- o Page 1 and 2 of the application with the seal and signature of the Professional Engineer and Company authorized representative.
- o A material safety data sheet of the compounds to be stored in this tank.
- o The maximum true vapor pressure of the stored compound (turpentine or turpentine derivatives) as described in Subpart Kb, NSPS for volatile organic compound storage vessels.

If you have any questions about the information requested, please call Teresa M. Heron at (904)488-1344.

Sincerely,

  
for C. H. Fancy, P.E.

Bureau of Air Regulation

CHF/TH/t

cc: Steve Pace, BESD  
m. Benjamin, NE Dist.  
S. Heron

**DEPARTMENT OF HEALTH, WELFARE  
& BIO-ENVIRONMENTAL SERVICES**  
Bio-Environmental Services Division  
Air and Water Pollution Control



August 25, 1989

Mr. Clair Fancy, P.E.  
Bureau of Air Quality Management  
Department of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, Florida 32301-8241

**Re: SCM Glidco Organics - Construction Permit Application  
137,000 Gallon Terpene Storage Tank**

Dear Mr. Fancy:

In accordance with the permitting agreement between the districts (local programs) and the Central Air Permitting Section, the captioned construction permit applications and processing fees are being forwarded to your office for processing.

If Bio-Environmental Services Division may be of further assistance in this matter, please advise.

Very truly yours,

A handwritten signature in cursive script that reads "Darrel J. Hall".

Darrel J. Hall  
Pollution Control Specialist

DJH/rlj

Enclosures

cc: Mr. Mort Benjamin, DER  
BESD Air Permitting File  
BESD File 2090-A  
(Disc: 2/33)

RECEIVED  
DER - MAIL ROOM  
1989 AUG 30 AM 11:14





**GLIDCO**  
Organics

P. O. Box 389, Jacksonville, FL 32201 USA, (904) 768-2200, (800) 231-6728 / CABLE: FLAWOOD, Telex: 44-1763, FACSIMILE: (904) 768-2200



August 23, 1989

Mr. Ron Roberson  
Air Permitting Section  
Bio-Environmental Services Division  
421 West Church Street - #412  
Jacksonville, Florida 32202-4111

Re: Construction Permit Request  
Terpene Storage Tank

Dear Mr. Roberson:

Please find enclosed four (4) copies of our application for a construction permit. SCM Glidco plans to install a 137,000 gallon storage tank for turpentine or turpentine derivatives at the Jacksonville site. The plans include control of V.O.C. emissions by incineration and vapor tight construction.

If you have any questions concerning this application, please do not hesitate to contact me.

Sincerely,

Michael J. Tipping  
Manager/Environmental Affairs

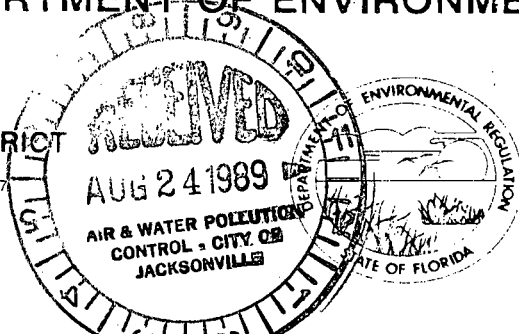
MJT:pjh:96  
cc:

Enclosures

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

# 200pd.  
8-24-89  
Rept. # 117653

NORTHEAST DISTRICT  
3426 BILLS ROAD  
JACKSONVILLE, FLORIDA 32207  
904/798-4200



AC16-169786

BOB MARTINEZ  
GOVERNOR  
DALE TWACHTMANN  
SECRETARY  
ERNEST E. FREY  
DISTRICT MANAGER  
GARY L. SHAFFER  
ASSISTANT DISTRICT MANAGER

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: STORAGE TANK       New<sup>1</sup>   [ ] Existing<sup>1</sup>  
APPLICATION TYPE:    Construction   [ ] Operation   [ ] Modification  
COMPANY NAME: SCM GLIDCO ORGANICS CORP.      COUNTY: DUVAL  
Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired)      TERPENE STORAGE TANK  
SOURCE LOCATION:   Street WEST 61ST STREET      City JACKSONVILLE  
UTM:   East 7436-170      North 3360-750  
Latitude 30 ° 22 ' 45 " N      Longitude 81 ° 39 ' 50 " W  
APPLICANT NAME AND TITLE: MICHAEL J. TIPPING, MANAGER/ENVIRONMENTAL AFFAIRS  
APPLICANT ADDRESS:      P.O. BOX 389, JACKSONVILLE, FLORIDA 32201

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative\* of SCM GLIDCO ORGANICS CORP.

I certify that the statements made in this application for a CONSTRUCTION permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

\*Attach letter of authorization

Signed: \_\_\_\_\_

MICHAEL J. TIPPING, MGR./ENVIRONMENTAL AFFAIRS  
Name and Title (Please Type)

Date: 8/21/89      Telephone No. 904/768-5800

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

<sup>1</sup> See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed \_\_\_\_\_

MICHAEL J. TIPPING, P.E.

Name (Please Type)

SCM GLIDCO ORGANICS CORP.

Company Name (Please Type)

P.O. Box 389, JACKSONVILLE, FLORIDA 32201

Mailing Address (Please Type)

Florida Registration No. 37375

Date: 8/21/89

Telephone No. 904/768-5800

**SECTION II: GENERAL PROJECT INFORMATION**

- A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

SEE ATTACHED

- B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction DECEMBER 1, 1989 Completion of Construction JANUARY 31, 1989

- C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

POLLUTION CONTROL DEVICES INCLUDED PRESS-RELIEVING MANWAY

\$3,000.00. CONSERVATION VENT \$3,000.00 VENT PIPING

CONSTRUCTION \$1,000.00.

- D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

EXISTING TANK 247-5 TO BE RELOCATED AND RENUMBERED

PERMIT A016-92271 EXPIRING 11/30/89

E. Requested permitted equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ;  
if power plant, hrs/yr \_\_\_\_\_ ; if seasonal, describe: DNA

F. If this is a new source or major modification, answer the following questions.  
(Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? YES  
a. If yes, has "offset" been applied? NO  
b. If yes, has "Lowest Achievable Emission Rate" been applied? NO  
c. If yes, list non-attainment pollutants. V.O.C. OZONE
2. Does best available control technology (BACT) apply to this source?  
If yes, see Section VI. NO
3. Does the State "Prevention of Significant Deterioration" (PSD)  
requirement apply to this source? If yes, see Sections VI and VII. NO
4. Do "Standards of Performance for New Stationary Sources" (NSPS)  
apply to this source? NO
5. Do "National Emission Standards for Hazardous Air Pollutants"  
(NESHAP) apply to this source? NO
- H. Do "Reasonably Available Control Technology" (RACT) requirements apply  
to this source? NO  
a. If yes, for what pollutants? \_\_\_\_\_  
b. If yes, in addition to the information required in this form,  
any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justifi-  
cation for any answer of "No" that might be considered questionable.

**SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)**

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
SEE ADDENDA				

B. Process Rate, if applicable: (See Section V, Item 1)

- Total Process Input Rate (lbs/hr): SEE ADDENDA
- Product Weight (lbs/hr): N/A

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission <sup>1</sup>		Allowed Emission Rate per Rule 17-2	Allowable Emission lbs/hr	Potential <sup>4</sup> Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual I/yr			lbs/yr	I/yr	
V.O.C.		0.03	N/A	N/A	1357.8	0.68	PT 1

<sup>1</sup>See Section V, Item 2.

<sup>2</sup>Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

<sup>3</sup>Calculated from operating rate and applicable standard.

<sup>4</sup>Emission, if source operated without control (See Section V, Item 3).



D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)
INDUSTRIAL BOILERS	V.O.C.	96	N/A	AP. 42

E. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
DNA	--	--	--

\*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis:

Percent Sulfur: \_\_\_\_\_ Percent Ash: \_\_\_\_\_

Density: \_\_\_\_\_ lbs/gal Typical Percent Nitrogen: \_\_\_\_\_

Heat Capacity: \_\_\_\_\_ BTU/lb \_\_\_\_\_ BTU/gal

Other Fuel Contaminants (which may cause air pollution): \_\_\_\_\_

F. If applicable, indicate the percent of fuel used for space heating.

Annual Average \_\_\_\_\_ Maximum \_\_\_\_\_

G. Indicate liquid or solid wastes generated and method of disposal.

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H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: \_\_\_\_\_ ft. Stack Diameter: \_\_\_\_\_ ft.  
 Gas Flow Rate: \_\_\_\_\_ ACFM \_\_\_\_\_ DSCFM Gas Exit Temperature: \_\_\_\_\_ °F.  
 Water Vapor Content: \_\_\_\_\_ % Velocity: \_\_\_\_\_ FPS

**SECTION IV: INCINERATOR INFORMATION**

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste \_\_\_\_\_

Total Weight Incinerated (lbs/hr) \_\_\_\_\_ Design Capacity (lbs/hr) \_\_\_\_\_

Approximate Number of Hours of Operation per day \_\_\_\_\_ day/wk \_\_\_\_\_ wks/yr. \_\_\_\_\_

Manufacturer \_\_\_\_\_

Date Constructed \_\_\_\_\_ Model No. \_\_\_\_\_

	Volume (ft) <sup>3</sup>	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: \_\_\_\_\_ ft. Stack Diameter: \_\_\_\_\_ Stack Temp. \_\_\_\_\_

Gas Flow Rate: \_\_\_\_\_ ACFM \_\_\_\_\_ DSCFM\* Velocity: \_\_\_\_\_ FPS

\*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device:  Cyclone  Wet Scrubber  Afterburner  
 Other (specify) \_\_\_\_\_

Brief description of operating characteristics of control devices: \_\_\_\_\_

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

### SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

**SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY**

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

Yes  No

Contaminant	Rate or Concentration

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)

Yes  No

Contaminant	Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration

D. Describe the existing control and treatment technology (if any).

- |                           |                          |
|---------------------------|--------------------------|
| 1. Control Device/System: | 2. Operating Principles: |
| 3. Efficiency:*           | 4. Capital Costs:        |

\*Explain method of determining

- 5. Useful Life:
- 7. Energy:
- 9. Emissions:

- 6. Operating Costs:
- 8. Maintenance Cost:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

10. Stack Parameters

- a. Height: \_\_\_\_\_ ft.      b. Diameter: \_\_\_\_\_ ft.
- c. Flow Rate: \_\_\_\_\_ ACFM      d. Temperature: \_\_\_\_\_ °F.
- e. Velocity: \_\_\_\_\_ FPS

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1.

- a. Control Device: \_\_\_\_\_      b. Operating Principles: \_\_\_\_\_
- c. Efficiency:<sup>1</sup> \_\_\_\_\_      d. Capital Cost: \_\_\_\_\_
- e. Useful Life: \_\_\_\_\_      f. Operating Cost: \_\_\_\_\_
- g. Energy:<sup>2</sup> \_\_\_\_\_      h. Maintenance Cost: \_\_\_\_\_
- i. Availability of construction materials and process chemicals: \_\_\_\_\_
- j. Applicability to manufacturing processes: \_\_\_\_\_
- k. Ability to construct with control device, install in available space, and operate within proposed levels: \_\_\_\_\_

2.

- a. Control Device: \_\_\_\_\_      b. Operating Principles: \_\_\_\_\_
- c. Efficiency:<sup>1</sup> \_\_\_\_\_      d. Capital Cost: \_\_\_\_\_
- e. Useful Life: \_\_\_\_\_      f. Operating Cost: \_\_\_\_\_
- g. Energy:<sup>2</sup> \_\_\_\_\_      h. Maintenance Cost: \_\_\_\_\_
- i. Availability of construction materials and process chemicals: \_\_\_\_\_

<sup>1</sup>Explain method of determining efficiency.

<sup>2</sup>Energy to be reported in units of electrical power - KWH design rate.

- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

3.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:<sup>1</sup>
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:<sup>2</sup>
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

4.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:<sup>1</sup>
- d. Capital Costs:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:<sup>2</sup>
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

- 1. Control Device:
- 2. Efficiency:<sup>1</sup>
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:<sup>2</sup>
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
- a. (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:

<sup>1</sup>Explain method of determining efficiency.

<sup>2</sup>Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:<sup>1</sup>

Contaminant

Rate or Concentration

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(8) Process Rate:<sup>1</sup>

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:<sup>1</sup>

Contaminant

Rate or Concentration

---



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(8) Process Rate:<sup>1</sup>

10. Reason for selection and description of systems:

<sup>1</sup>Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

**SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION**

A. Company Monitored Data

1. \_\_\_\_\_ no. sites \_\_\_\_\_ TSP ( ) SO<sub>2</sub>\* \_\_\_\_\_ Wind spd/dir

Period of Monitoring \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ to \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
month      day      year                  month      day      year

Other data recorded \_\_\_\_\_

Attach all data or statistical summaries to this application.

\*Specify bubbler (B) or continuous (C).

2. Instrumentation, Field and Laboratory

- a. Was instrumentation EPA referenced or its equivalent? [ ] Yes [ ] No
- b. Was instrumentation calibrated in accordance with Department procedures?  
[ ] Yes [ ] No [ ] Unknown

B. Meteorological Data Used for Air Quality Modeling

- 1. \_\_\_\_\_ Year(s) of data from \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ to \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
month day year month day year
- 2. Surface data obtained from (location) \_\_\_\_\_
- 3. Upper air (mixing height) data obtained from (location) \_\_\_\_\_
- 4. Stability wind rose (STAR) data obtained from (location) \_\_\_\_\_

C. Computer Models Used

- 1. \_\_\_\_\_ Modified? If yes, attach description.
- 2. \_\_\_\_\_ Modified? If yes, attach description.
- 3. \_\_\_\_\_ Modified? If yes, attach description.
- 4. \_\_\_\_\_ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data

Pollutant	Emission Rate
TSP	_____ grams/sec
SO <sub>2</sub>	_____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

F. Attach all other information supportive to the PSD review.

G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.

H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.



## ADDENDUM 1

### Project Description

The company proposes to add a bulk storage tank to the existing 247 tank farm. The new tank will be a 27 foot diameter by 32 foot height carbon steel vertical fixed roof storage tank designed to store turpentine and derivatives thereof. A 25,000 gallon tank presently located on the site of the new tank will be relocated and renumbered.

The new tank will be equipped with vent connections leading to the plant power boilers to control V.O.C. emissions. No increase in overall plant V.O.C. emissions is projected as a result of this project.

## ADDEMDUM 2

Tank No.: New (247.05)

Contents: Turpentine or Turpentine Derivatives

Tank Height: 32 feet                      Tank Diameter: 27 feet

Calculated Volume: 137,065 gallons; 3,510 barrels

Estimated Through-put: 3.22 MM gallons per year

Turnovers per year: 23.4

Average Molecular Wt.: 136

Tank Storage Temp.: Ambient (77°F)

Vapor Pressure (psia): 0.0808

Diurnal Temperature Change  $\Delta T = 21.5^\circ\text{F}$

Paint Factor: (white) = 1.0

Diam Correction Factor  $C = 1.0$

Production Factor       $K_c = 1.0$

Uncontrolled Breathing Losses  $L_B = 511.9$  lbs. per year

Uncontrolled Working Losses  $L_W = 845.9$  lbs. per year

Total Uncontrolled Emission = 1357.8 lbs. per year  
or .68 tons per year

Emission Estimates per AP. 42 - 4th edition

### Actual Emissions Estimate

V.O.C. from storage tank injected into fire box of industrial boilers Destruction efficiency 99 + %. For purposes of this permit assume 96% eff.

Actual Emissions  $0.68 \times (1 - 0.96) = 0.03$  tons per year



**GLIDCO**  
Organics

P. O. Box 389, Jacksonville, FL 32201 USA, (904) 768-5800, (800) 231-6728 / CABLE: FLAWOOD, Telex: 44-1763, FACSIMILE: (904) 768-2200

August 22, 1989

Department of Environmental Regulations  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

RE: Letter of Authorization

Dear Sir:

This letter serves to authorize Michael J. Tipping, Manager of Environmental Affairs for SCM Glidco Organics, to sign applications regarding permits to construct or operate air pollution sources.

Sincerely,

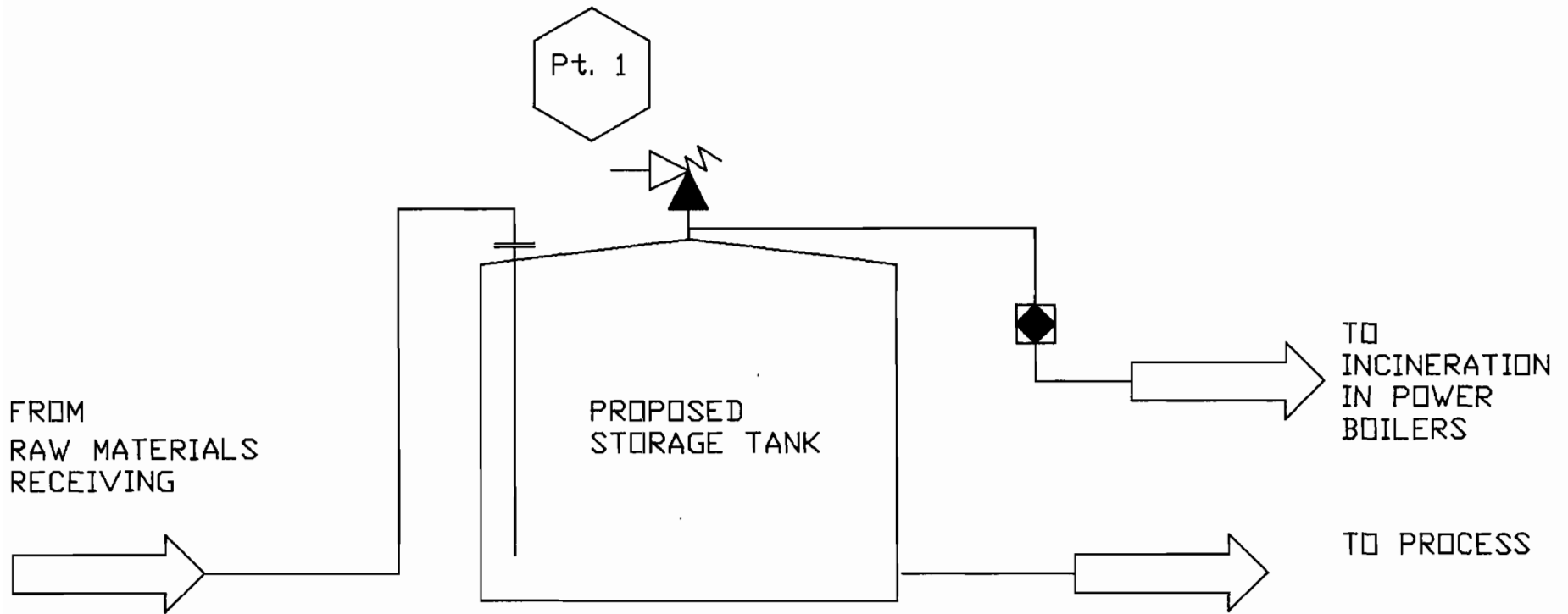
R.P. Chatham  
Vice-President/Manufacturing

RPC:pjh:2  
cc

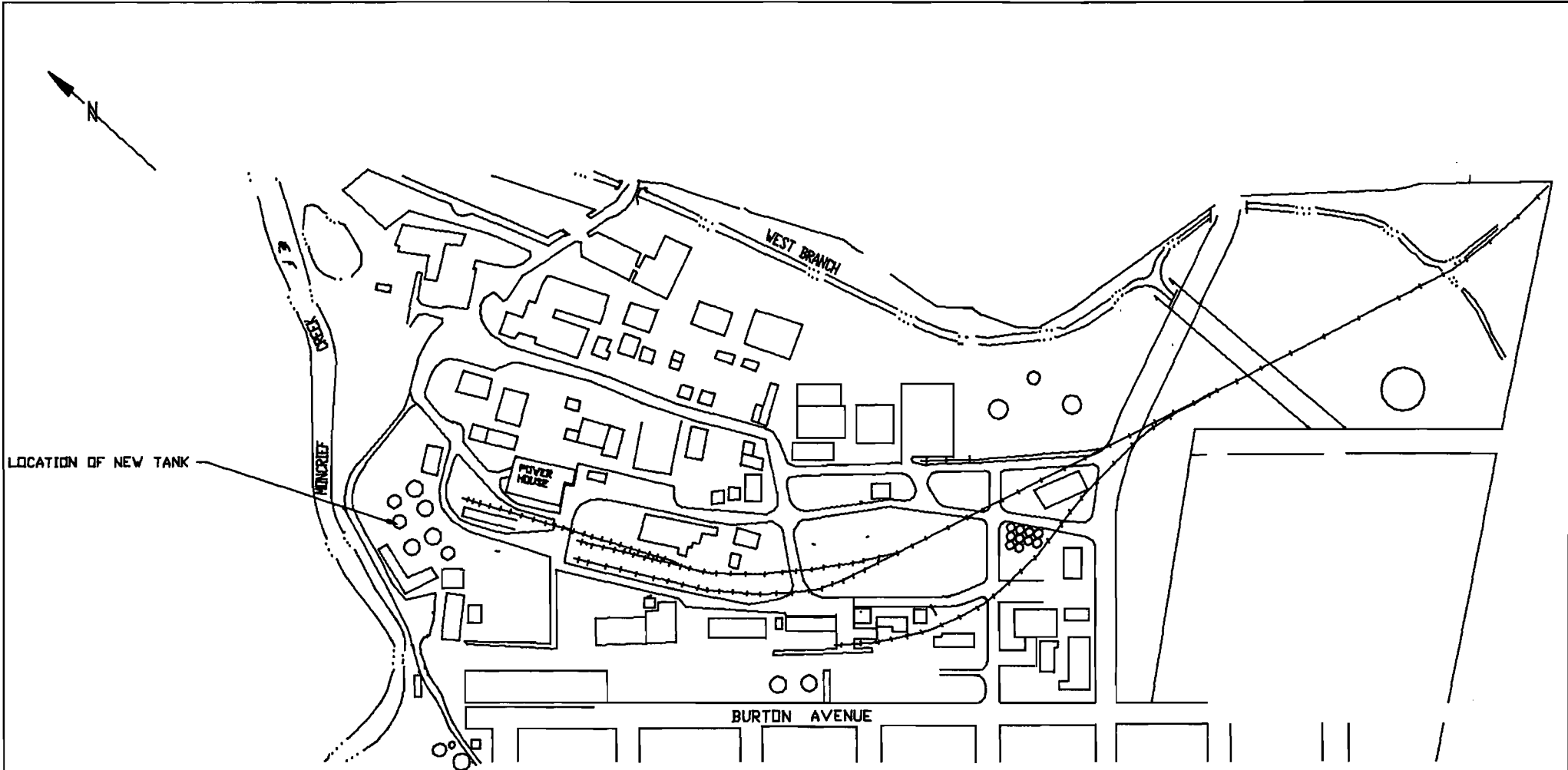
Enclosures




SCM  
GLIDCO  
Organics



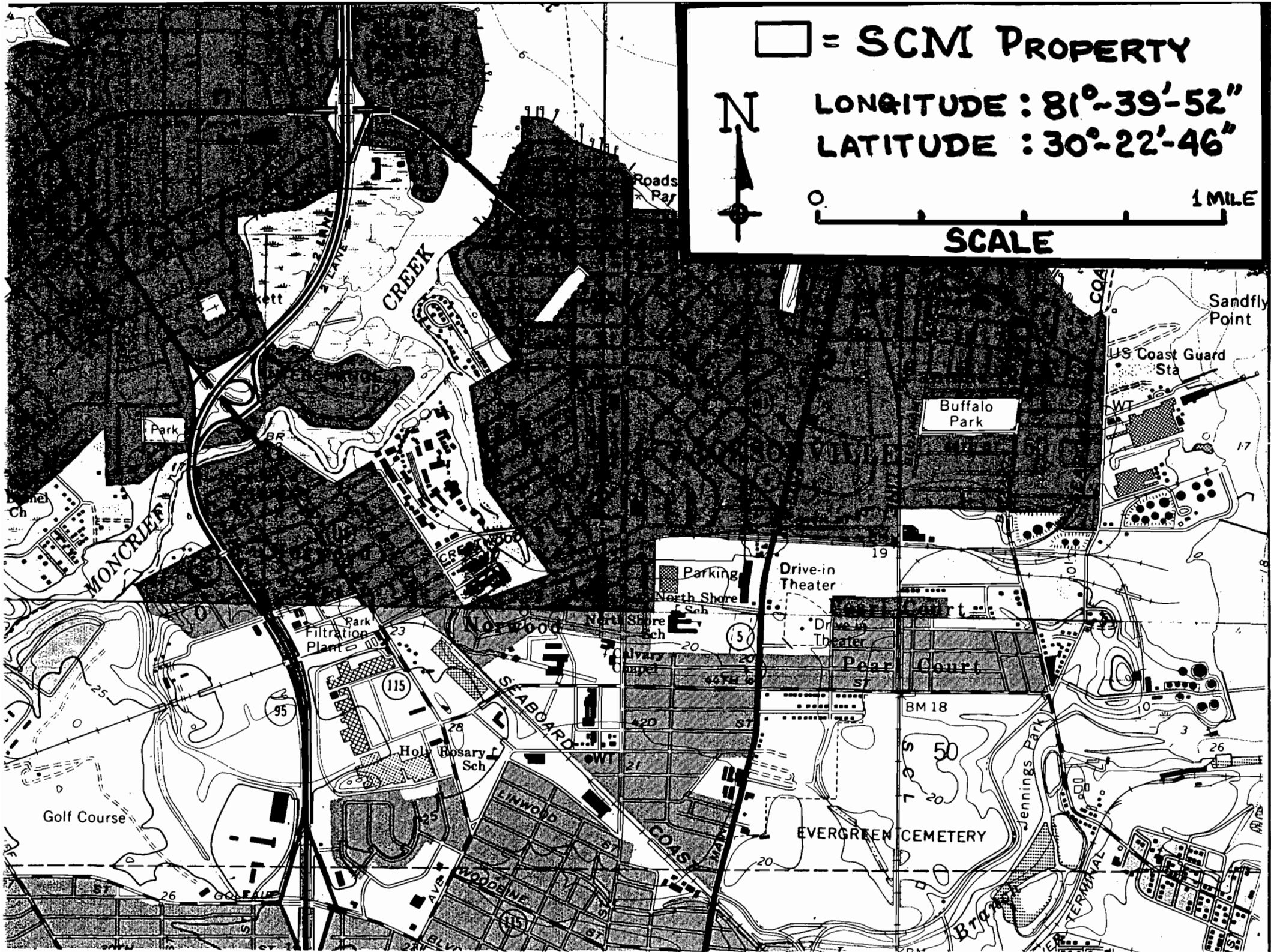
FLOW DIAGRAM



 <b>GLIDCO</b>	DRAWN BY	NAME BY	DATE 07/11/89	FILE NO.
	CHECKED BY	DATE		FIGURE

□ = SCM PROPERTY

LONGITUDE : 81°-39'-52"  
LATITUDE : 30°-22'-46"



FIRST UNION NATIONAL BANK  
CHAPEL HILL, NORTH CAROLINA

REMITTANCE STATEMENT

No. 22097

CODE	INVOICE/REFERENCE NO.	DATE	INVOICE AMOUNT	DISCOUNT	NET AMOUNT
	Construction Permit 247-5 (New) FDER				\$200.00

CODES →

- 1. INVOICE
- 2. CREDIT MEMO
- 3. OUR DEBIT
- 4. OUR CREDIT

PLEASE DIRECT ALL  
CORRESPONDENCE TO



**IMPORTANT**  
PLEASE DETACH BEFORE DEPOSITING

TOTAL

\$200.00



**GLIDCO**  
Organics  
JACKSONVILLE, FLA. 32201

No. 22097

66-156  
531

FIRST UNION NATIONAL BANK  
CHAPEL HILL, NORTH CAROLINA

The sum of 200 dol's 00 cts

VOID 90 DAYS AFTER  
DATE SHOWN BELOW

DATE

8-23-89

AMOUNT

\*\*\*\$200.00\*\*\*

ONE FACSIMILE SIGNATURE AUTHORIZED FOR AMOUNTS  
LESS THAN \$5,000.00. TWO MANUAL SIGNATURES  
REQUIRED OVER \$5,000.00.

Florida Department  
of Environmental Regulation

*W.F. Dias*  
AUTHORIZED SIGNATURE

*[Signature]*  
AUTHORIZED SIGNATURE

PAY  
TO  
THE  
ORDER  
OF

