

Check Sheet

Company Name: *Central Fla Pipeline*
Permit Number: *AC 48-090953*
PSD Number:
County: *Orange*
Permit Engineer:
Others involved:

Application:

- Initial Application
- Incompleteness Letters
- Responses
- Final Application (if applicable)
- Waiver of Department Action
- Department Response

Intent:

- Intent to Issue
- Notice to Public
- Technical Evaluation
- BACT Determination
- Unsigned Permit

Attachments:

-
-
-
- Correspondence with:
 - EPA
 - Park Services
 - County
 - Other
- Proof of Publication
- Petitions - (Related to extensions, hearings, etc.)

Final Determination:

- Final Determination
- Signed Permit
- BACT Determination

Post Permit Correspondence:

- Extensions
- Amendments/Modifications
- Response from EPA
- Response from County
- Response from Park Services

No. 0155798

RECEIPT FOR CERTIFIED MAIL

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

SENT TO Mr. Robert P. Brunck			
STREET AND NO.			
P.O., STATE AND ZIP CODE			
POSTAGE	\$		
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢	
TOTAL POSTAGE AND FEES	\$		
POSTMARK OR DATE 1/3/85			

PS Form 3800, Apr. 1976

PS Form 3811, Jan. 1979

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

1. SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
 Show to whom and date delivered..... ¢
 Show to whom, date and address of delivery..... ¢
 RESTRICTED DELIVERY
 Show to whom and date delivered..... ¢
 RESTRICTED DELIVERY.
 Show to whom, date, and address of delivery \$ _____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
 Mr. Robert P. Brunck
 120 S. Riverside Plaza
 Chicago, Illinois 60606

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	0155798	

 (Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY
 JAN 7 1985

5. ADDRESS (Complete only if requested)

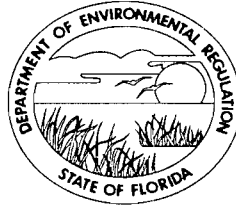
6. UNABLE TO DELIVER BECAUSE:

POSTMARK: CHICAGO RIVERSIDE ST. ILL. JAN 3 1985
 CLERK'S INITIALS

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

January 2, 1985

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Robert P. Brunck, Manager
Central Florida Pipeline Corporation
120 South Riverside Plaza
Chicago, Illinois 60606

Dear Mr. Brunck:

Enclosed is Permit Number AC 48-090953 dated December 27, 1984, to Central Florida Pipeline Corporation issued pursuant to Section 403, Florida Statutes.

Acceptance of this permit constitutes notice and agreement that the department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement actions for violation of the conditions and requirements thereof.

Sincerely,

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

CHF/pa

Enclosure

cc: Fred C. Engleman, P.E.
Charles Collins

Final Determination

8,000 Gallon Gasoline Additive Tank No. 11

Central Florida Pipeline Corporation
Orange County
Taft, Florida

Permit Number:
AC 48-090953

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting
December 27, 1984

Final Determination

The application for a permit from Central Florida Pipeline Corporation to construct a new 8,000 gallon gasoline additive tank at the company's facility in Orange County, Florida has been reviewed by the Bureau of Air Quality Management. Public Notice of the department's Intent to Issue the construction permit was published in Orlando Sentinel on November 1, 1984.

Copies of the preliminary determination have been available for public inspection at the department's St. Johns River District office in Orlando and the Bureau of Air Quality Management office in Tallahassee.

There were no letters of response as a result of the public notice period.

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

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:

Central Florida Pipeline
120 South Riverside Plaza
Chicago, Illinois 60606

Permit Number: AC 48-090953

Expiration Date: March 31, 1985

County: Orange

Latitude/Longitude: 28° 25' 19" N/
81° 22' 01" W

Project: 8,000 gallon gasoline
additive tank number 11

This permit is issued under the provisions of Chapter(s) 403
17-2 and 17-4, Florida Statutes, and Florida Administrative Code Rule(s)
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 of an 8,000 gallon gasoline additive storage
tank. The gasoline additive shall consist of the following
petrochemicals:

Aromatic Hydrocarbon Diluent	82-85%
N-Polyisobutenyl - N, N'-dimethyl propylenediamine	14-16%
Polyglycols	1-2%

Construction shall be in accordance with the attached permit
application and additional information except as otherwise noted on
pages 5 and 6, specific conditions.

Attachments are as follows:

1. Application to construct an air pollution source, DER Form
17-1.122(16).
2. C. H. Fancy's letter dated August 28, 1984
3. D. O. Theung's letter dated August 31, 1984.

PERMITTEE:
Central Florida Pipeline Corp.

I. D. Number:
Permit Number: AC 48-090953
Expiration Date: March 31, 1985

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

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

PERMITTEE:
Central Florida Pipeline Corp.

I. D. Number:
Permit Number: AC 48-090953
Expiration Date: March 31, 1985

GENERAL CONDITIONS:

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

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

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

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

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

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

PERMITTEE:
Central Florida Pipeline Corp.

I. D. Number:
Permit Number: AC 48-090953
Expiration Date: March 31, 1985

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 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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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

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

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

13. This permit also constitutes:

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

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

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

PERMITTEE:
Central Florida Pipeline Corp.

I. D. Number:
Permit Number: AC 48-090953
Expiration Date: March 31, 1985

GENERAL CONDITIONS:

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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

SPECIFIC CONDITIONS:

1. This unit shall be allowed to operate continuously (8760 hours per year).
2. VOC emissions shall not exceed 6 pounds per hour or 0.027 tons per year.
3. The annual throughput of gasoline additive shall not exceed 12,000 gallons.
4. The conservation vent for this tank shall be set at one (1) psig.

PERMITTEE:
Central Florida Pipeline Corp.

I. D. Number:
Permit Number: AC 48-090953
Expiration Date: March 31, 1985

SPECIFIC CONDITIONS:

5. Thirty days prior to the initial fill, the St. Johns River District office shall be notified so that a department representative may verify compliance with conditions of the construction permit.
6. The applicant should report any delays in construction and completion of the proposed tank to the department's St. Johns River District office in Orlando.
7. The permittee may continue to operate in compliance with all terms of the construction permit until the expiration date or issuance of an operating permit. The applicant will demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit to the St. Johns River District office prior to 90 days of the expiration date of the construction permit.
8. Annual operating and maintenance reports shall be submitted to the St. Johns River District office and shall include tank gasoline additives throughput and seal conditions.
9. The source shall comply with the provisions and requirements of the attached general conditions.

Issued this 27 day of November, 1984

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION



VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

Forwarding To District Offices And/Or To Other Than The Addressee		
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
From: _____	Date: _____	
Reply Optional []	Reply Required []	Info. Only []
Date Due: _____	Date Due: _____	

TO: Victoria J. Tschinkel *BT*
FROM: C.H. Fancy, Deputy Chief, BAQM *for*
DATE: December 27, 1984
SUBJECT: Approval of Attached Air Construction Permit

Attached for your approval and signature is a permit to construct an 8,000 gallon gasoline additive tank at a bulk gasoline storage/transfer facility in Taft, Orange County, Florida.

Day 90 is December 31, 1984.

The Bureau recommends your approval and signature.

CF/rw

Attachments

DER
DEC 28 1984
BAQM

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP		ACTION NO.
		ACTION DUE DATE
1. TO: (NAME, OFFICE, LOCATION)		INITIAL
<i>Victoria Tschinkel</i>		DATE
2.		INITIAL
<i>Clair Jancy</i>		DATE
3.		INITIAL
		DATE
4.		INITIAL
		DATE
REMARKS: <i>Day 90 is December 31, 1984</i>	INFORMATION	
	REVIEW & RETURN	
	REVIEW & FILE	
	INITIAL & FORWARD	
	DISPOSITION	
	REVIEW & RESPOND	
	PREPARE RESPONSE	
	FOR MY SIGNATURE	
	FOR YOUR SIGNATURE	
	LET'S DISCUSS	
	SET UP MEETING	
	INVESTIGATE & REPT	
	INITIAL & FORWARD	
	DISTRIBUTE	
	CONCURRENCE	
FOR PROCESSING		
INITIAL & RETURN		
FROM:	<i>C. H. Jancy</i> <i>Wick</i>	DATE
		<i>12/27</i> <i>12/27/84</i>
		PHONE
		<i>488-1344</i>

DER
DEC 28 1984
BAQM



CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

1904 Hemlock Avenue
Tampa, FL 33605
813-248-8361

November 8, 1984

DER
NOV 16 1984
BAQM

C. H. Fancy, P. E.
Deputy Bureau Chief
State of Florida
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301-8241

Re: DER File #AC48-090953

Dear Mr. Fancy:

Enclosed please find proof of publication of "Notice of Proposed Agency Action" for the above referenced permit application.

Yours truly,

David O. Theung
Chief Engineer

DOT/dh

Enclosure

cc: F. Engelman
R. Lien

The Orlando Sentinel

Published Daily
Orlando, Orange County, Florida

ADVERTISING CHARGE \$79.99

State of Florida)
COUNTY OF ORANGE) ss

Before the undersigned authority personally appeared _____

Nancy A. Puglia, who on oath says that

she is the Legal Advertising Representative of the Orlando Sentinel, a Daily newspaper published at Orlando, in Orange County, Florida; that the attached copy of advertisement, being a Proposed Agency Action in the matter of 8,000 gallon gasoline additive tank

_____ in the _____ Court,

was published in said newspaper in the issues of _____

November 1, 1984

Affiant further says that the said Orlando Sentinel is a newspaper published at Orlando, in said Orange County, Florida, and that the said newspaper has heretofore been continuously published in said Orange County, Florida, each Week Day and has been entered as second-class mail matter at the post office in Orlando, in said Orange 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/she 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 the said newspaper.

Nancy A. Puglia

Sworn to and subscribed before me this 1st day

of November A.D., 19 84

Virginia H. Hollingsworth

Notary Public, State of Florida at Large Notary Public
My Commission Expires July 13, 1985

Bonded by American Fire & Casualty Co. FORM NO. AD-262



State of Florida
Department of Environmental
Regulation
Notice of Proposed Agency
Action

on Permit Applications
The Department of Environmental Regulation gives notice of its intent to issue a permit to Central Florida Pipeline Corporation to construct an 8,000 gallon gasoline additive tank to be located at the applicant's existing facility on State Road 27 and Vineyard Road in Teft, Orange County, Florida. A determination of best available control technology (BACT) was not required.

Persons 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 conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a request for hearing 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.

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 preliminary statement. Therefore, persons who may not object to the proposed agency action may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Model Rule 28-5.207 at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32301.

Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

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

Dept. of Environmental Regulation
St. Johns River District
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803
Dept. of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32301

Any person may send written comments on the proposed action to Mr. Bill Thomas at the department's Tallahassee address. All comments mailed within 30 days of the publication of this notice will be considered in the department's final determination.

CL 016 Nov 1 1984

No. 0157023

RECEIPT FOR CERTIFIED MAIL

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

PS Form 3800, Apr. 1976

SENT TO			
Mr. Robert P. Brunck			
STREET AND NO.			
P.O., STATE AND ZIP CODE			
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢	
TOTAL POSTAGE AND FEES	\$		
POSTMARK OR DATE			
10/22/84			

PS Form 3811, Jan. 1978

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

1. SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)

Show to whom and date delivered.....¢

Show to whom, date and address of delivery.....¢

RESTRICTED DELIVERY

 Show to whom and date delivered.....¢

RESTRICTED DELIVERY.

 Show to whom, date, and address of delivery \$ ____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:

Mr. Robert P. Brunck
120 Riverside Plaza
Chicago, Illinois 60606

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	0157023	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY

10/22/84

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

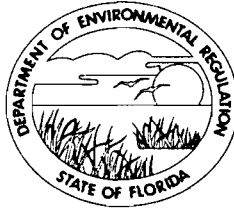
CLERK'S INITIALS

U.S. MAIL POST OFFICE
OCT 24 1984

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

October 18, 1984

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Robert P. Brunck, Manager
Central Florida Pipeline Corporation
120 South Riverside Plaza
Chicago, Illinois 60606

Dear Mr. Brunck:

Attached is one copy of the Technical Evaluation and Preliminary Determination, and proposed permit to construct an 8,000 gallon gasoline additive tank at your existing facility in Taft, Orange County, Florida.

Before final action can be taken on your draft permit, you are required by Florida Administrative Code Rule 17-103.150 to publish the attached Notice of Proposed Agency Action in the legal advertising section of a newspaper of general circulation in Orange County no later than fourteen days after receipt of this letter. The department must be provided with proof of publication within seven days of the date the notice is published. Failure to publish the notice may be grounds for denial of the permit.

Please submit, in writing, any comments which you wish to have considered concerning the department's proposed action to Mr. Bill Thomas of the Bureau of Air Quality Management.

Sincerely,

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

CHF/pa

Attachments

cc: Fred C. Engleman, P.E.
Charles Collins

State of Florida
Department of Environmental Regulation
Notice of Proposed Agency Action
on Permit Applications

The Department of Environmental Regulation gives notice of its intent to issue a permit to Central Florida Pipeline Corporation to construct an 8,000 gallon gasoline additive tank to be located at the applicant's existing facility on State Road 27 and Vineland Road in Taft, Orange County, Florida. A determination of best available control technology (BACT) was not required.

Persons 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 conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a request for hearing 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.

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 preliminary statement. Therefore, persons who may not object to the proposed agency action may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Model Rule 28-5.207 at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009, Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32301. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

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

Dept. of Environmental Regulation
St. Johns River District
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803

Dept. of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32301

Any person may send written comments on the proposed action to Mr. Bill Thomas at the department's Tallahassee address. All comments mailed within 30 days of the publication of this notice will be considered in the department's final determination.

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of an)
Application for Permit by:)
)
Central Florida Pipeline Corp.) DER File No. AC 48-090953
120 South Riverside Plaza)
Chicago, Illinois 60606)
)

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its Intent to Issue, and proposed order of issuance for, a permit pursuant to Chapter 403, Florida Statutes, 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, Central Florida Pipeline Corporation, applied on August 6, 1984, to the Department of Environmental Regulation for a permit to construct an 8,000 gallon gasoline additive tank located at the applicant's existing facility at State Road 27 and Vineland Road, Orange County, Taft, 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 applicant was officially notified by the Department that an air construction permit was required for the proposed work.

This intent to issue shall be placed before the Secretary for final action unless an appropriate petition for a hearing pursuant to the provisions of Section 120.57, Florida Statutes, is filed within fourteen (14) days from receipt of this letter or

publication of the public notice (copy attached) required pursuant to Rule 17-103.150, Florida Administrative Code, whichever occurs first. The petition must comply with the requirements of Section 17-103.155 and Rule 28-5.201, Florida Administrative Code (copy attached) and be filed pursuant to Rule 17-103.155(1) in the Office of General Counsel of the Department of Environmental Regulation at 2600 Blair Stone Road, Tallahassee, Florida 32301.

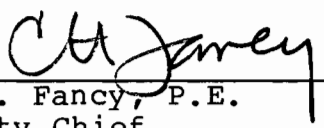
Petitions which are not filed in accordance with the above provisions are subject to dismissal by the Department. In the event a formal hearing is conducted pursuant to Section 120.57(1), all parties shall have opportunity to respond, to present evidence and argument on all issues involved, to conduct cross-examination of witness and submit rebuttal evidence, to submit proposed findings of facts and orders, to file exception to any order or hearing officer's recommended order, and to be represented by counsel. If an informal hearing is requested, the agency, in accordance with its rules of procedure, will provide affected persons or parties or their counsel an opportunity, at a convenient time and place, to present to the agency or hearing officer, written or oral evidence in opposition to the agency's action or refusal to act, or a written statement challenging the grounds upon which the agency has chosen to justify its action or inaction, pursuant to Section 120.57(2), Florida Statutes.

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 proposed agency action. Therefore, persons who may not wish to file a petition, may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Model Rule 28-5.207 at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of

Administrative Hearings, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahase, Florida 32301. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statues.

Executed the 18 day of OCTOBER, 1984, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

Copies furnished to:

Robert P. Brunck
Fred C. Engleman, P.E.
Charles Collins

Technical Evaluation
and
Preliminary Determination

Central Florida Pipeline Corporation
Orange County
Taft, Florida

8,000 Gallon Gasoline Additive Tank No. 11

Permit Number: AC 48-090953

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting

October 19, 1984

I. Project Description

A. Applicant

Central Florida Pipeline Corporation
120 South Riverside Plaza
Chicago, Illinois 60606

B. Project and Location

The applicant proposes to construct a 8,000 gallon horizontal tank. The tank will be used to store gasoline additive which will be injected into gasoline at an existing tank truck rack. The proposed source will be located within the applicant's existing facility at State Road 27 and Vineland Road, Orange County, Taft, Florida. The universal transverse mercator (UTM) coordinates of the source are zone 17, 464.1 km East and 3143.8 km North.

C. Process and Controls

The applicant proposes to construct an 8,000 gallon horizontal welded steel tank. The tank dimensions will be 8 feet in diameter by 22 feet long. The tank will be used to store gasoline additive which has a vapor pressure of 0.40 psia. The additive will be injected into gasoline at a existing tank truck rack by a proportioning device. The applicant estimates 12,000 gallons of the additive will be used a year.

The emissions from this source will be volatile organic compounds. Emissions resulting from the transfer of product into and out of the tank will be controlled by a conservation vent. This vent will be set to open at a pressure of 1 psig. Emissions resulting from the injection of the product into gasoline at the tank truck rack will be controlled by the existing vapor recovery system for the tank truck rack.

II. Rule Applicability

The proposed project is located in Orange County. Orange County is designated as a nonattainment area for the pollutant ozone, FAC Rule 17-2.410.

Lowest Achievable Emission Rate (LAER), FAC Rule 17-2.640, will not apply to this source. The source is exempted from LAER because the emission increase is below the significant net emission increase, FAC Rule 17-2.510(2)(d)4.

The New Source Performance Standards of 40 CFR 60 Subpart Ka, Standards of Performance for Storage Vessels of Petroleum Liquids Constructed after May 18, 1978, will not apply because

the storage capacity of the proposed tank will be less than 40,000 gallons.

The proposed source will be subject to the general pollutant emission limiting standards of FAC Rule 17-2.620 for volatile organic compounds.

III. Summary of Emissions and Air Quality Analysis

A. Emission Limitations

The pollutant emitted from the proposed source will be volatile organic compounds. Breathing loss and product transfer will cause the VOC emissions.

The anticipated yearly volume of the additive is 12,000 gallons. The annual breathing loss will be 42.6 pounds per year. The annual working loss, resulting from product transfer, will be 11.5 pounds per year with a maximum emission of 6 pounds per hour during tank filling. The total annual emissions will be 54.1 pounds per year (0.027 tons per year).

Although minimal, the new VOC emissions will be credited toward a significant increase. The following table summarizes the VOC emissions, as well as increases, since December 21, 1976.

<u>Source</u>	<u>Emission Limit (TPY)</u>
Truck Loading Rack	12.34
Tank #2 and #3 Slop Oil	0.18
Tank #25-1 - 25,000 BBLs Gasoline	9.65
Tank #9 - Petroleum Additives	0.06
Tank #34-4 - 37,000 BBLs Gasoline	10.86
Tank #80-1 - 80,000 BBLs Diesel	3.38
Tank #1054 - 25,000 BBLs Gasoline	0.56
Tank #60-1 - 60,000 BBLs Gasoline	0.83
Tank #10 - 8,000 Gallons Additives	0.06
Tank #11 - 8,000 Gallons Additives	0.03

B. Air Quality Analysis

Ambient monitoring or modeling is not required to provide reasonable assurance that the ambient air standards will not be violated.

IV. Conculsion

The emission limits that will be imposed have been determined to be in compliance with all applicable requirements of FAC Rule 17-2. The permitted maximum allowable emission limits should not cause any violation of Florida's ambient air quality standards.

The general and specific conditions listed in the proposed construction permit (attached) will assure compliance with all applicable requirements of FAC Rule 17-2.

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Central Florida Pipeline
120 South Riverside Plaza
Chicago, Illinois 60606

Permit Number: AC 48-090953
Expiration Date: March 31, 1985
County: Orange
Latitude/Longitude: 28° 25' 19" N/
81° 22' 01" W
Project: 8,000 gallon gasoline
additive tank number 11

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 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 of an 8,000 gallon gasoline additive storage tank. The gasoline additive shall consist of the following petrochemicals:

Aromatic Hydrocarbon Diluent	82-85%
N-Polyisobutenyl - N, N'-dimethyl propylenediamine	14-16%
Polyglycols	1-2%

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, specific conditions.

Attachments are as follows:

1. Application to construct an air pollution source, DER Form 17-1.122(16).
2. C. H. Fancy's letter dated August 28, 1984
3. D. O. Theung's letter dated August 31, 1984.

PERMITTEE:
Central Florida Pipeline Corp.

I. D. Number:
Permit Number: AC 48-090953
Expiration Date: March 31, 1985

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

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

PERMITTEE:
Central Florida Pipeline Corp.

I. D. Number:
Permit Number: AC 48-090953
Expiration Date: March 31, 1985

GENERAL CONDITIONS:

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

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

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

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

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

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

PERMITTEE:

Central Florida Pipeline Corp.

I. D. Number:

Permit Number: AC 48-090953

Expiration Date: March 31, 1985

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 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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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

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

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

13. This permit also constitutes:

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

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

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

PERMITTEE:
Central Florida Pipeline Corp.

I. D. Number:
Permit Number: AC 48-090953
Expiration Date: March 31, 1985

GENERAL CONDITIONS:

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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

SPECIFIC CONDITIONS:

1. This unit shall be allowed to operate continuously (8760 hours per year).
2. VOC emissions shall not exceed 6 pounds per hour or 0.027 tons per year.
3. The annual throughput of gasoline additive shall not exceed 12,000 gallons.
4. The conservation vent for this tank shall be set at one (1) psig.

PERMITTEE:
Central Florida Pipeline Corp.

I. D. Number:
Permit Number: AC 48-090953
Expiration Date: March 31, 1985

SPECIFIC CONDITIONS:

5. Thirty days prior to the initial fill, the St. Johns River District office shall be notified so that a department representative may verify compliance with conditions of the construction permit.
6. The applicant should report any delays in construction and completion of the proposed tank to the department's St. Johns River District office in Orlando.
7. The permittee may continue to operate in compliance with all terms of the construction permit until the expiration date or issuance of an operating permit. The applicant will demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit to the St. Johns River District office prior to 90 days of the expiration date of the construction permit.
8. Annual operating and maintenance reports shall be submitted to the St. Johns River District office and shall include tank gasoline additives throughput and seal conditions.
9. The source shall comply with the provisions and requirements of the attached general conditions.

Issued this ___ day of _____, 1984

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION

VICTORIA J. TSCHINKEL, Secretary

___ pages attached.



CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

1904 Hemlock Avenue
Tampa, FL 33605
813-248-8361

August 31, 1984

C. H. Fancy, P. E.
Deputy Bureau Chief
State of Florida
Department of Environmental Regulations
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301-8241

Dear Mr. Fancy:

Subject: Construction Application AC48-090953

Listed below and attached please find the information you requested in your August 28, 1984 letter.

Requested information as listed:

1. The proposed 4-inch conservation vent will be set to open at one (1)psig pressure.
2. Maximum emission is 6.0 lbs/hr. Attached are four (4) revised copies of sheet 3 of the application and revised calculations.
3. Maximum emission will occur during transfer of the product from the truck to the tank. See (2) above.
4. There will be no increases in emissions at the rack.

We would appreciate you expediting this application. Customer scheduling has limited our time. If there are any questions or comments, please don't hesitate to call me at 813/248-2148.

Yours truly,

David O. Theung
Chief Engineer

DOT/dh

cc: F. Engelman, P. E.
R. Lien

DER
SEP 4 1984
BAQM

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		

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

1. Total Process Input Rate (lbs/hr): _____
2. Product Weight (lbs/hr): _____

C. Airborne Contaminants Emitted:

Name of Contaminant	Emission ¹		Allowed Emission ² Rate per Ch. 17-2, F.A.C.	Allowable ³ Emission lbs/hr	Potential Emission ⁴		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
Hydrocarbons	6.0	0.027	There is no criteria for storage tanks				
1. Based on a maximum fill rate of 6200 gal/hr., Revised 8/31/84							

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

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles ⁵ Size Collected (in microns)	Basis for Efficiency (Sec. V, It ⁵)
Varec 4"				
Figure 2010-51				
Conservation Vent set at 1.0psig pressure				
Revised 8/31/84				

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g., Section 17-2.05(6) Table II, E. (1), F.A.C. – 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard

⁴Emission, if source operated without control (See Section V, Item 3)

⁵If Applicable

Title: Evaporation Losses - Fixed Roof Tanks
For TNK. 11
 (Calculated in accordance N/AP-42)

Project No. :
 TNK. 11, Additive

Location/C.O. No.
 Taft, Fla

Breathing Losses - L_s

$$L_s = \text{Losses in lbs/Year} = 2.26 \times 10^{-2} \times M \times \left(\frac{P}{14.7-P}\right)^{0.68} \times D^{1.73} \times H^{0.51} \\ \times \Delta T^{0.5} \times F_p \times C \times K_c$$

Where: M = Molecular Weight = 100

P = Vapor Pressure (psia) = 0.4

D = Tank diameter (Ft.) = 8

H = Average Tank height (Ft.) = 11

ΔT = Average Daily temperature Change ($^{\circ}F$) = 18.7

F_p = Paint factor = 1.0 for white

C = Small tank factor = 0.4

K_c = Crude Oil factor = 1.0

Working Losses - L_w

$$L_w = \text{Losses in } \frac{\text{lbs}}{103 \text{ gal.}} = (2.40 \times 10^{-2} \times M \times P \times K_n \times K_c)$$

Where: K_n = Turns Per Year = 1.0 for less than 36 turnovers

Yearly Volume = 12,000 gal.

Maximum Hourly Volume = 6200 gal

Prepared By D. Theung

Date 7/25/84

Rev. No. 1

Date 8/31/84

Checked By

Date

Rev. No.

Date

Title: Evaporation Losses - Fixed Roof Tanks
FOR TNK. 11 - CONTINUED

Project No.

TNK. 11, Additive

Location/C.O. No.

TAFE, Fla.

EMISSIONS - Maximum lbs/HR. = LW

$$LW = (0.024 \cdot 100 \cdot 0.4 \cdot 1.1) \cdot \frac{6.2 \times 10^3 \text{ gal}}{\text{HR}} = 6.0 \text{ lbs/HR}$$

EMISSIONS - Actual TONS/YR = L_s + L_w

$$L_s = .0226(100) \left[\frac{0.4}{4.7 \cdot 1.4} \right]^{.68} (8)^{1.73} (11)^{.51} (18.7)^{.5} (1)(0.4)(1) = 42.6 \text{ lbs/YR}$$

$$L_w = (0.024 \cdot 100 \cdot 0.4 \cdot 1.1) \cdot \frac{12.0 \times 10^3 \text{ gal}}{\text{YR.}} =$$

$$\frac{11.5}{54.1 \text{ lbs/YR}}$$

$$L_s + L_w = 54.1 \text{ lbs/YR.}$$

$$= 0.027 \text{ TONS/YR}$$

Prepared By DOTDate 8/31/84Rev. No. 1Date 8/31/84

Checked By

Date

Rev. No.

Date

No. 0156553

RECEIPT FOR CERTIFIED MAIL

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

SENT TO		
Mr. Robert P. Brunck		
STREET AND NO.		
P.O., STATE AND ZIP CODE		
POSTAGE	\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢
	SPECIAL DELIVERY	¢
	RESTRICTED DELIVERY	¢
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	
	SHOW TO WHOM AND DATE DELIVERED	¢
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	¢
	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES	\$	
POSTMARK OR DATE		
8/28/84		

PS Form 3800, Apr. 1976

PS Form 3811, Jan. 1979 RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL	SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN-TO" space on reverse.	
	1. The following service is requested (check one.)	
	<input checked="" type="checkbox"/>	Show to whom and date delivered.....¢
	<input type="checkbox"/>	Show to whom, date and address of delivery.....¢
	<input type="checkbox"/>	RESTRICTED DELIVERY
		Show to whom and date delivered.....¢
	<input type="checkbox"/>	RESTRICTED DELIVERY.
		Show to whom, date, and address of delivery. \$
	(CONSULT POSTMASTER FOR FEES)	
	2. ARTICLE ADDRESSED TO:	
Mr. Robert P. Brunck 120 S. Riverside Plaza Chicago, Illinois 60606		
3. ARTICLE DESCRIPTION:		
REGISTERED NO.	CERTIFIED NO.	
	0156553	
INSURED NO.		
(Always obtain signature of addressee or agent)		
I have received the article described above.		
SIGNATURE <input type="checkbox"/> Addressee <input type="checkbox"/> Authorized agent		
4. <i>Harold J. Thomas</i>		
DATE OF DELIVERY	POSTMARK	
AUG 30 1984		
5. ADDRESS (Complete only if requested)		
6. UNABLE TO DELIVER BECAUSE:		
	CLERK'S INITIALS	

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

August 28, 1984

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Robert P. Brunck, Manager
Central Florida Pipeline Corporation
120 South Riverside Plaza
Chicago, Illinois 60606

Dear Mr. Brunck:

Re: Construction Application AC 48-090953

The department has made a preliminary review of your application for a permit to construct a 8000 gallon gasoline additive storage tank at the Taft, Florida terminal. At this time the application is deemed incomplete. Before this application can be processed, the following information must be submitted and received.

1. What is the relief pressure of the proposed 4 inch conservation vent.
2. The 0.006 lb/hr figure is the average emission from the tank. The maximum emission should occur during loading. Provide this emission and show all calculations.
3. Will any emissions result from the transfer of the product from the truck (as indicated in the flow diagram) to the tank? If so, provide all calculations.
4. Will there be an increase in emissions at the truck rack? If so, provide all calculations and demonstrate that the existing control equipment can accommodate this increase.

Mr. Robert P. Brunck
Page Two
August 28, 1984

When all of this information is received, we will resume processing your application. If you have any questions on its status, please call Edward Svec, Review Engineer, at (904)488-1344 or write to me at the above address.

Sincerely,



C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

CHF/ES/s

cc: Charles Collins, SJR
David Theung, Chief Engineer
Fred C. Engelman, P.E.

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION
INTEROFFICE MEMORANDUM

For Routing To District Offices And/Or To Other Than The Addressee		
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
From: _____	Date: _____	
Reply Optional []	Reply Required []	Info. Only []
Date Due: _____	Date Due: _____	

TO: Nancy Wright, OGC
Steve Smallwood

THROUGH: Clair Fandy *CF*
Bill Thomas *BT*

FROM: Edward Svec *ES*

DATE: August 31, 1984

SUBJECT: Construction of a VOC Source without a Permit.

On August 6, 1984, the bureau received an application to construct a 8,000 gallon gasoline additive storage tank from Central Florida Pipeline Corporation. This is a VOC source which will be located at their existing facility in Taft, Orange County, Florida. Orange County is designated as non-attainment for the pollutant ozone.

After a preliminary review of this application, a letter of incompleteness was sent to the applicant on August 28, 1984. Several telephone conversations also took place with David Theung, Chief Engineer for the applicant, on August 28 and 29. From these conversations, it was discovered that this 8,000 gallon storage tank has been delivered to the facility and has been filled with the product. Mr. Theung acknowledged that this is in violation of the rules.

Please advise us how we should handle this situation.

ES/agh

cc: Dan Thompson, OGC
Bill Blommel, BAQM
Alex Alexander, SJRD

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

No. 76039

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Central Florida Pipeline Corp. Date August 6, 1984
Address 120 S. Riverside Plaza Chicago, IL 60606 Dollars \$ 100.00
Applicant Name & Address Same as above
Source of Revenue _____
Revenue Code 001031 Application Number AC 48-898953
By Patricia G. Adams

CENTRAL FLORIDA PIPELINE CORP.
PLANT ACCOUNT

03102

August 3 1984

63-28
631

PAY TO THE ORDER OF State of Florida Dept. of Environmental Reg.

\$ 100.00

One Hundred & 00/100

DOLLARS



R. P. Brunch

7644/550



CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

1904 Hemlock Avenue
Tampa, FL 33605
813-248-8361

August 2, 1984

DER

AUG 06 1984

BAQM

C. H. Fancy, P. E.
Deputy Bureau Chief
State of Florida
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301-8241

Dear Mr. Fancy:

Subject: Application to Construct Air Pollution Sources

Central Florida Pipeline Corporation proposes to construct an 8,000 gallon horizontal tank for gasoline additive storage at the Taft, Florida terminal.

Enclosed please find the original and three copies of DER "Application to Construct Air Pollution Sources" and all necessary exhibits.

Enclosed also is our check no. 03102 in the amount of \$100.00 for payment of processing fee.

We would appreciate your reviewing and processing our application and exhibits. If there are any questions, please call me at 813/248-2148.

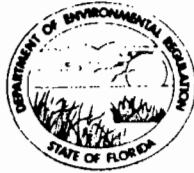
Yours truly,

David O. Theung
Chief Engineer

DOT/dh

cc: Mr. Charles Collins
St. Johns River District Office
Richard Lien

Enclosures



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
APPLICATION TO OPERATE/CONSTRUCT
AIR POLLUTION SOURCES

DER
AUG 6 1984
BAQM

SOURCE TYPE: Gasoline Additive Tank New¹ Existing¹
APPLICATION TYPE: Construction Operation Modification
COMPANY NAME: Central Florida Pipeline Corporation COUNTY: Orange
Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peeking Unit No. 2, Gas Fired) Tank No. 11, 8,000 gallon horizontal tank
SOURCE LOCATION: Street SR 527 & Vineland Road City Taft
UTM: East 463800E North 31438N
Latitude 28 ° 25 ' 19 " N Longitude 81 ° 22 ' 01 " W
APPLICANT NAME AND TITLE: Central Florida Pipeline Corporation
APPLICANT ADDRESS: 120 South Riverside Plaza, Chicago, IL 60606

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Central Florida Pipeline Corporation
construction
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: Robert P. Brunck
Robert P. Brunck, Manager
Name and Title (Please Type)
Date: 7-27-84 Telephone No. 813/248-2148

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 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: Fred C. Engelman PE
Fred C. Engelman
Name (Please Type)
Consultant Engineer
Company Name (Please Type)
3208 Robson Circle, Tampa, FL 33614
Mailing Address (Please Type)
Date: 7-27-84 Telephone No. 813/933-5082

(Affix Seal)



Florida Registration No. _____

¹See Section 17-2.02(15) and (22), Florida Administrative Code, (F.A.C.)

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 sheet

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

Start of Construction August 13, 1984 Completion of Construction March 31, 1985

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.)

4" Conservation pressure/Vaccum Vent \$350.00

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

See attached sheet

E. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? Yes No

F. Normal equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ; if power plant, hrs/yr - ; if seasonal, describe: _____

G. 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? | <u>Yes</u> |
| a. If yes, has "offset" been applied? | <u>No</u> |
| b. If yes, has "Lowest Achievable Emission Rate" been applied? | _____ |
| c. If yes, list non-attainment pollutants. | _____ |
| | |
| 2. Does best available control technology (BACT) apply to this source? If yes, see Section VI. | <u>No</u> |
| 3. Does the State "Prevention of Significant Deterioration" (PSD) requirements apply to this source? If yes, see Sections VI and VII. | <u>No</u> |
| 4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? | <u>No</u> |
| 5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? | <u>No</u> |

Attach all supportive information related to any answer of "Yes". Attach any justification 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		

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

1. Total Process Input Rate (lbs/hr): _____
2. Product Weight (lbs/hr): _____

C. Airborne Contaminants Emitted:

Name of Contaminant	Emission ¹		Allowed Emission ² Rate per Ch. 17-2, F.A.C.	Allowable ³ Emission lbs/hr	Potential Emission ⁴		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
Hydrocarbon	0.006	0.027	There is no criteria for storage tanks				

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

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles ⁵ Size Collected (in microns)	Basis for Efficiency (Sec. V, It ⁵)
Varec 4"				
Figure 2010-51				
Conservation Vent				

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g., Section 17-2.05(6) Table II, E. (1), F.A.C. – 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard

⁴Emission, if source operated without control (See Section V, Item 3)

⁵If Applicable

E. Fuels

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

*Units Natural Gas, MMCF/hr; Fuel Oils, barrels/hr; Coal, 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.

None

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

Stack Height: 10 ft. to tank vent ft. Stack Diameter: 0.33 ft.

Gas Flow Rate: _____ ACFM Gas Exit Temperature: _____ °F.

Water Vapor Content: _____ % Velocity: _____ FPS

SECTION IV: INCINERATOR INFORMATION

Type of Waste	Type O (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq & Gas By-prod.)	Type VI (Solid By-prod.)
Lbs/hr Incinerated							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____

Approximate Number of Hours of Operation per day _____ days/week _____

Manufacturer _____

Date Constructed _____ Model No. _____

	Volume (ft) ³	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.):

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight – show derivation.
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, 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 8½" 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 8½" 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 8½" 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. An application fee of \$20, unless exempted by Section 17-4.05(3), F.A.C. 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
Hydrocarbon	N/A

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy) Yes No

Contaminant	Rate or Concentration
Hydrocarbon - meets LEAR	N/A

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

Contaminant	Rate or Concentration
Hydrocarbon	0.027 Tons/Year

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

- 1. Control Device/System: 4" Conservation Vent
- 2. Operating Principles: , Weight loaded pressure/vaccum vent
- 3. Efficiency: * N/A
- 4. Capital Costs: \$350.00
- 5. Useful Life: 20 years
- 6. Operating Costs: -0-
- 7. Energy: None
- 8. Maintenance Cost: -0-
- 9. Emissions: N/A

Contaminant	Rate or Concentration
Hydrocarbon	

*Explain method of determining D 3 above.

10. Stack Parameters N/A

- | | | | |
|---------------|------|-----------------|-----|
| 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: See "D" above
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy*:
- 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*:
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy**:
- h. Maintenance Costs:
- 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:

*Explain method of determining efficiency.

**Energy to be reported in units of electrical power – KWH design rate.

3.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Life:
- f. Operating Cost:
- g. Energy:
- h. Maintenance Cost:

*Explain method of determining efficiency above.

- 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*:
 - d. Capital Cost:
 - e. Life:
 - f. Operating Cost:
 - g. Energy:
 - 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: 4" Conservation Vent
- 2. Efficiency*: N/A
- 3. Capital Cost: \$350.00
- 4. Life: 20 Years
- 5. Operating Cost: -0-
- 6. Energy: None
- 7. Maintenance Cost: -0-
- 8. Manufacturer: Varec
- 9. Other locations where employed on similar processes:

a.

- (1) Company: Not Available
- (2) Mailing Address:
- (3) City:
- (4) State:
- (5) Environmental Manager:
- (6) Telephone No.:

*Explain method of determining efficiency above.

(7) Emissions*:

Contaminant	Rate or Concentration

(8) Process Rate*:

b.

- (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:

*Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions*:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

(8) Process Rate*:

10. Reason for selection and description of systems:

*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 _____ () SO²* _____ 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.

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 ²	_____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description on 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.

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

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.

Section II, Part A

We propose to construct an 8000 gallon horizontal welded steel tank, 8 ft. dia. X 22 ft. long. The tank will be used to store gasoline additive, vapor pressure of 0.40 psia. The additive will be injected into gasoline at the tank truck rack by a proportioning device. Project will comply with all applicable Florida D.E.R. regulations and Title 40 Federal regulations.

The gasoline additive to be stored consists of the following petrochemicals:

Aromatic Hydrocarbon Diluent	82-85%
N-Polyisobutenyl-N, N'-dimethyl propylenediamine	14-16%
Polyglycols	1-2%

CERTIFICATE

I, W. H. Chittum assistant secretary of Central Florida Pipeline Corporation, Delaware Corporation licensed to do business in the State of Florida do hereby certify that the person here and after name is the Florida Manager of said Corporation. That such person is an authorized representative of said Corporation and that he is authorized to take all action and do all things as an authorized Company representative required or permitted under the law of the State of Florida and under the rule and regulation of the State of Florida, Department of Environmental Regulation and that such person true and correct signature is set forth opposite his name.

R. P. Brunck 12-11-78
R. P. Brunck, Manager

In witness whereof I have here unto set my hand and seal of Central Florida Pipeline Corporation this 6th day of December, 1978.

W. H. Chittum
W. H. Chittum

D.E.R. PERMITS - TAFT

<u>Permit No.</u>	<u>Tank/Other</u>	<u>Date Issued</u>	<u>Date Expires</u>
A048-19085	Tank 9	5-24-79	5-21-84
A048-27686	Tank 37-4	4-9-80	4-10-85
A048-32515	Tank 40-1	7-17-80	7-16-85
A048-46569	Tanks 1054, 1055,1061, 1062,37-3, 4,5,6, 1059,1060, 37-1,37-2	12-6-81	12-1-86
A048-46573	Five (5) Tank Truck Load Racks	2-2-82	2-1-87
A048-51905	Tank 80-1	3-24-82	3-23-87
A048-52700	Tank 2	4-8-82	3-31-87
A048-52701	Tank 3	3-24-82	3-23-87
A048-56561	Tanks 1051, 1052,1053, 1056,1057	7-8-82	7-6-87
A048-61758	Tank 25-1	11-29-82	11-15-87
A048-61154	One (1) Tank Truck Load Rack	11-9-83	11-8-88
A048-81650	Tank 1054 With IFR	3-14-84	3-9-89
A048-82798	Tank 60-1	4-9-84	4-5-89
AC48-71398	Tank 10*		6-30-84

*8000gal. Additive Tank

Revised 6-14-84



Title: Evaporation Losses - Fixed Roof Tanks
TANK 11
(Calculated In Accordance w/ AP-42)

Project No. :

TNK. 11, Additive

Location/C.O. No.

Taft, Fla.

BREATHING LOSSES - L_s

$$L_s = \text{Losses in lbs/year} = 2.26 \times 10^{-2} \times M \times \left(\frac{P}{14.7-P} \right)^{0.68} \times D^{1.73} \times H^{0.51} \\ \times \Delta T^{0.5} \times F_p \times C \times K_c$$

Where: M = Molecular Weight = 100 P = Vapor Pressure (PSIA) = 0.4 D = TANK Diameter (Ft.) = 8 H = Average Tank Height (Ft.) = 11 ΔT = Average Daily Temp. Change ($^{\circ}$ F) = 18.7 F_p = Paint Factor = 1.0 for White C = Small Tank Factor = 0.4 K_c = Crude Oil Factor = 1.0WORKING LOSSES - L_w (Yearly Volume = 12,000 gallons)

$$L_w = \text{Losses in lbs/year} = (2.40 \times 10^{-2} \times M \times P \times K_n \times K_c) 12$$

Where: K_n = Turns/Year = 1.0 for less than 36

$$L_s = (2.26 \times 10^{-2}) 100 \left(\frac{0.4}{14.7-0.4} \right)^{0.68} \cdot 8^{1.73} (11)^{0.51} \cdot 18.7^{0.5} (1) 0.4 (1) = 42.59 \text{ lbs/yr.}$$

$$L_w = [2.40 \times 10^{-2} (100) 0.4 (1.0) 1.0] 12 =$$

$$\frac{11.52}{54.11 \text{ lbs/yr.}}$$

TANK 11

TOTAL LOSSES = 54.11 lbs/year

= 0.027 Tons/year

= 0.006 lbs/hr.

Prepared By D. TheungDate 7/25/84

Rev. No.

Date

Checked By

Date

Rev. No.

Date

PINE CASTLE, FLA.

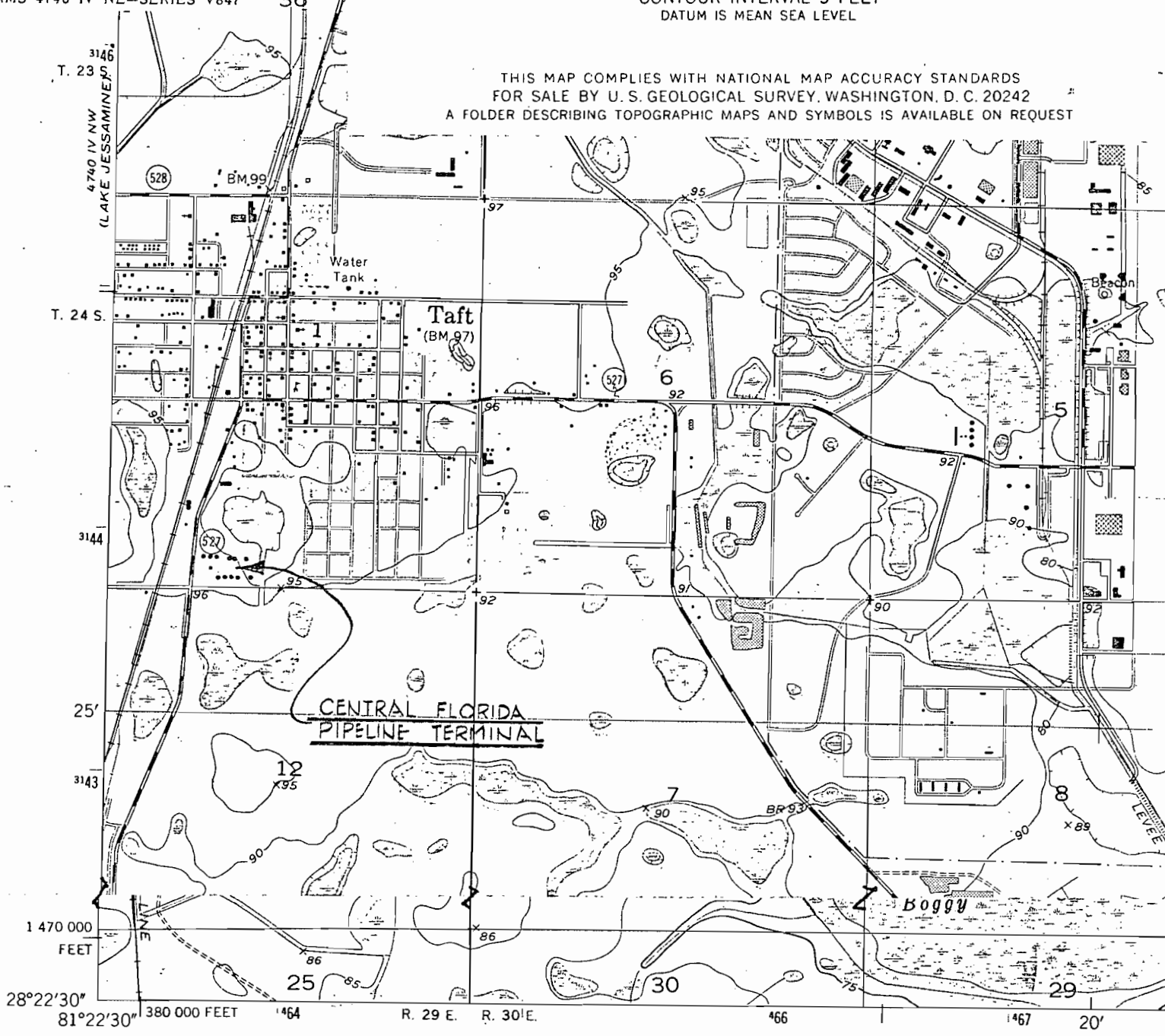
N2822.5-W8115/7.5



1953
PHOTOREVISED 1970
AMS 4740 IV NE-SERIES V847

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



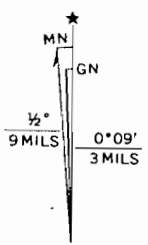
(KISSIMMEE)
4740 IV SW

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE

Culture and drainage in part compiled by U. S. Corps of Engineers
from aerial photographs taken 1950. Topography by plane-table
surveys 1953

Polyconic projection. 1927 North American datum
10,000-foot grid based on Florida coordinate system,
east zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

Revisions shown in purple compiled from aerial photographs
taken 1970. This information not field checked
Purple tint indicates extension of urban areas



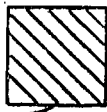
UTM GRID AND 1970 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

VINELAND RD.

S.R. 527

S.C.L. R.R.

CENTRAL FLORIDA
PIPELINE CORPORATION

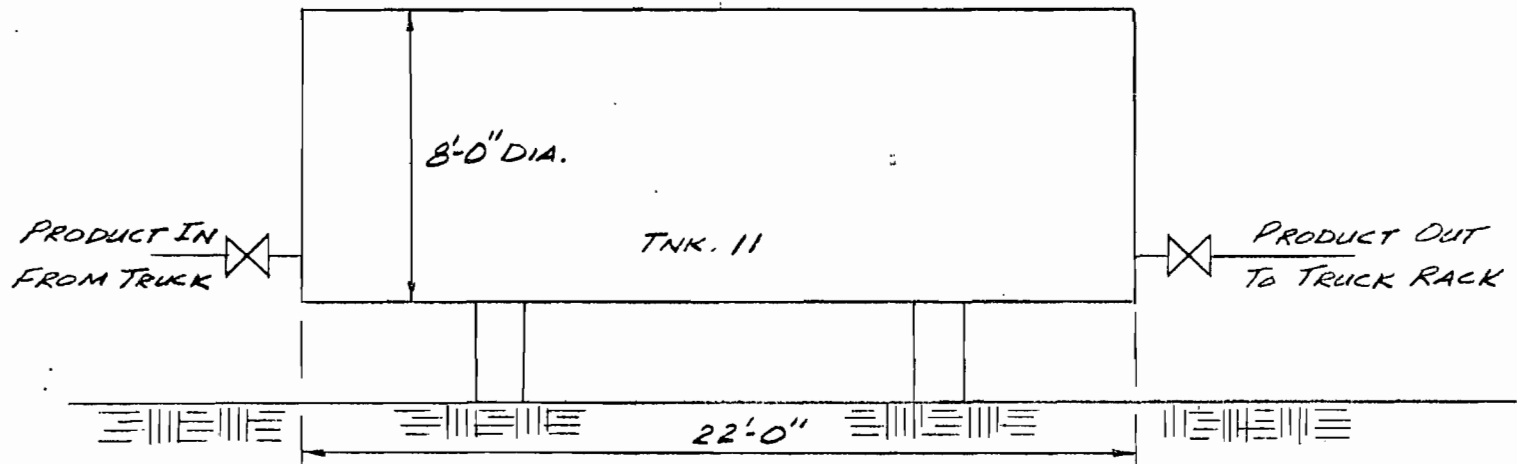


TAFT



ORANGE COUNTY, FLA.

LOCATION MAP



FLOW DIAGRAM
8000 GAL. HORIZONTAL TANK
FOR GASOLINE ADDITIVE

Design Study - Cross Section

ITEM	NAME	STD. MATL
1	BODY	ALUMINUM
2	SEAT RING (PRES. & VAC. SAME)	ALUMINUM
3	VAC. GUIDE POST	304 S.S.
4	PRESSURE GUIDE POST	304 S.S.
5	PRESSURE GUIDE POST*	304 S.S.
6	VAC. SCREEN	GALV. STL.
7	PRESS. SCREEN	GALV. STL.
8	VAC. COVER GASKET	FIBER
9	VAC. COVER**	ALUMINUM
10	SPACER RING*	ALUMINUM
11	HOOD	ALUMINUM

ITEM	NAME	STD. MATL
12	FLANGE GASKET	GRAPH. ASB.
13	STUD	STEEL
14	WASHER	ALUMINUM
15	WASHER	FIBER
16	WASHER	FIBER
17	HEX. HD. CAP SCREW	304 S.S.
18	HEX. HD. CAP SCREW	304 S.S.
19	PALLET ASSY.	ALUMINUM
20	GUIDE**	ALUMINUM
21	SNUFFER ASSY.	STL./C.I.

*Guide post as shown used in 6", 8", 10", & 12" size valves only.
2", 3" & 4" size valves have all pressure guide posts as item 4.

**Valve sizes 6", 8", 10", & 12" as shown.
2", 3", & 4" valves have guide tube integrally cast in vacuum cover.

CONSERVATION VENT

