+P 3/30

Check Sheet

Company Name: Central Fla Pipeline
Permit Number: AC 48-171445
PSD Number:
County: Orange
Permit Engineer:
Others involved:

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

Intent:
- [x] Intent to Issue
- [x] Notice to Public
- [x] Technical Evaluation
- [ ] BACT Determination
- [x] Unsigned Permit

Attachments:
- [ ]
- [ ]
- [ ]

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

Final Determination:
- [x] Final Determination
- [x] Signed Permit
- [ ] BACT Determination

Post Permit Correspondence:
- [ ] Extensions
- [ ] Amendments/Modifications
- [ ] Response from EPA
- [ ] Response from County
- [ ] Response from Park Services

P 938 762 818

RECEIPT FOR CERTIFIED MAIL

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

Sent to Mr. Ralph Baker, Central FL Pipeline	
Street and No. 100 GATX Drive	
P.O., State and ZIP Code Tampa, FL 33605	
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 48-171145	

PS Form 3800, June 1985

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)*

3. Article Addressed to: Mr. Ralph Baker Manager of Florida Operations Central Florida Pipeline Corp. 100 GATX Drive Tampa, FL 33605	4. Article Number P 938 762 818 Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Address X [signature] OFF. MGR. 6. Signature — Agent X 7. Date of Delivery 1/30/90	8. Addressee's Address *(ONLY if requested and fee paid)*

TALLAHASSEE FLA. FEB 1 PM

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

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

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT

Mr. Ralph Baker
Manager of Florida Operations
Central Florida Pipeline Corporation
100 GATX Drive
Tampa, Florida 33605

January 25, 1990

Enclosed is construction permit No. AC 48-171145 for Central Florida Pipeline Corporation to construct gasoline additive tank No. A-15 at the GATX terminal in Taft, Orange 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. Fancy, P.E.
Chief
Bureau of Air Regulation

Copy furnished to:

C. Collins, Central District
Robert Wallace, P.E.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of 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 Doker
Clerk

1-26-90
Date

Final Determination

Central Florida Pipeline Corporation
Taft, Orange County, Florida

Gasoline Additive Tank No. A-15
Permit No. AC 48-171145

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

January 18, 1990

Final Determination

The Technical Evaluation and Preliminary Determination for the permit to construct gasoline additive tank No. A-15 at Central Florida Pipeline Corporation's GATX terminal in Taft, Orange County, Florida was distributed on November 30, 1989. The Notice of Intent to Issue was published in the Orlando Sentinel on December 16, 1989. Copies of the evaluation were available for public inspection at the Department's offices in Orlando and Tallahassee.

No comments were submitted on the Department's Intent to Issue the permit. The final action of the Department will be to issue construction permit No. AC 48-171145 as proposed in the Technical Evaluation and Preliminary Determination.

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:
Central FL Pipeline Corp.
100 GATX Drive
Tampa, Florida 33605

Permit Number: AC 48-171145
Expiration Date: Dec. 31, 1990
County: Orange
Latitude/Longitude: 28°25'19"
81°22'01"
Project: Gasoline Additive Tank No. A-15

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:

Install an 8,000 gallon gasoline additive tank No. A-15 (horizontal 8 ft. diameter x 21.25 ft. long) equipped with a pressure/vacuum vent at the GATX terminal (SIC 5171) located at 9919 Palm Avenue, Taft, Orange County, Florida. The UTM coordinates of this facility are Zone 17, 463.8 km E and 3143 km N.

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

Attachment:

Application received October 10, 1989.

PERMITTEE:
Central FL Pipeline Corp.

Permit No. AC 48-171145
Expiration Date: Dec. 31, 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.

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.

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

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.

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. Tank No. A-15 shall not handle more than 36,000 gallons of gasoline additives during any 12 month period. The permittee shall maintain records that show the quantity of volatile organic compounds handled in this tank.

2. This tank shall comply with all the applicable requirements of 40 CFR 60, Subpart Kb-Standards of Performance for Volatile Organic Liquid Storage Vessels (July 1, 1988).

3. This storage tank may be in service continuously, 8,760 hours/year.

4. This tank shall be equipped with a pressure/vacuum vent. Any liquid leaks in the pump, piping, or tank, shall be repaired promptly.

5. This tank and associated equipment shall not discharge air pollutants which cause or contribute to an objectionable odor (F.A.C. Rule 17-2.620).

6. Volatile organic compounds emissions from this tank, as determined by the procedures described in AP-42, Compilation of Air Pollutant Emission Factors, Section 4.3, shall not exceed 0.06 TPY. If the parameters that the estimated emissions are based on change, the permittee shall recalculate the emissions from this tank and submit this data to the Department's Central District office.

7. 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).

8. An application for an operation permit must be submitted to the Department's Central District office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant 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. 17-4.220).

Issued this 22 day
of Jan, 1990

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Dale Twachtmann

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

FROM: Steve Smallwood

DATE: January 18, 1990

SUBJ: Approval of Construction Permit No. AC 48-171145
Central Florida Pipeline Corporation, Tank No. A-15

Attached for your approval and signature is a permit prepared by Bureau of Air Regulation for the above mentioned company to construct an 8,000 gallon gasoline additive tank at the GATX terminal in Taft, Orange County, Florida.

No comments were received during the public notice period.

Day 90, after which this permit will be issued by default, is February 18, 1990.

I recommend your approval and signature.

SS/plm

Attachments

RECEIVED
JAN 19 1990
Office of the Secretary

Please call
Patty Adams
when signed
8-1344

GATX

CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

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

December 27, 1989

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

Re: Central Florida Pipeline Corporation
DER File No. AC48-171145 - Notice of Intent to Issue

Dear Mr. Thomas:

Pursuant to Section 403.815, F. S. and DER Rule 17-103.150, F. A. C., Central Florida Pipeline Corporation (CFPL) published the enclosed Notice of Intent to Issue Permit for the construction of gasoline additive Tank No. A-15 at the Taft, Florida terminal. The Notice was published in the December 16, 1989 issue of the Orlando Sentinel.

Please contact me with any questions or concerns you may have regarding this application.

Sincerely,

Elaine R. Macinski
Environmental Engineer

ERM:mrr
em-thom

Enclosure

c: C. Collins, FDER Central District
H. Hanks

GATX DEC 26 1989

The Orlando Sentinel

Published Daily
Orlando, Orange County, Florida

ADVERTISING CHARGE $159.22

State of Florida (SS.
COUNTY OF ORANGE)

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 Notice of Intent to Issue in the matter of Permit to Central Florida Pipeline Corporation in the ____ Court, was published in said newspaper in the issues of December 16, 1989

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 18th day of December A.D., 19 89

Virginia E. Shuron
Notary Public

Notary Public, State of Florida at Large
My Commission Expires February 9, 1993
Bonded thru Brown & Brown, Inc.

FORM NO. AD-262

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 Central Florida Pipeline Corporation, 100 GATX Drive, Tampa, Florida 33065, to construct an 8,000 gallon gasoline additive tank No. A-15 at the GATX terminal located at 9919 Palm Avenue, Taft, Orange County, Florida. Total volatile organic compounds (VOC) emissions from tank No. A-15 are estimated to be 0.14 lbs/hr and 0.06 TPY. 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
Central District
319 Maguire Boulevard
Suite 232
Orlando, Florida 32803-3767

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.

CL-481 Dec.16,1989

P 938 762 766

RECEIPT FOR CERTIFIED MAIL

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

Sent to Mr. Ralph Baker, Central FL Pipeline Corp.	
Street and No. 100 GATX Drive	
P.O., State and ZIP Code Tampa, FL 33605	
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: 11-30-89 Permit: AC 48-171145	

PS Form 3800, June 1985

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)*

3. Article Addressed to: Mr. Ralph Baker Manager of Florida Operations Central Florida Pipeline Corp. 100 GATX Drive Tampa, Florida 33605	4. Article Number P 938 762 766 Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Address X	8. Addressee's Address *(ONLY if requested and fee paid)*
6. Signature — Agent X T.G. Mauney OFF. MGR.	
7. Date of Delivery 12/4/89	

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

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 29, 1989

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Ralph Baker
Manager of Florida Operations
Central Florida Pipeline Corporation
100 GATX Drive
Tampa, Florida 33605

Dear Mr. Baker:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permit to construct gasoline additive tank No. A-15 at the GATX terminal in Taft, Orange 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/kt

Attachments

cc: C. Collins, Central District
Robert Wallace, P.E.

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of
Application for Permit by:

Central Florida Pipeline Corp.
100 GATX Drive
Tampa, Florida 33605

DER File No. AC 48-171145

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, Central Florida Pipeline Corporation, applied on October 6, 1989, to the Department of Environmental Regulation for a permit to construct a gasoline additive tank at the GATX terminal located at 9919 Palm Avenue in Taft, Orange 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:

Charles Collins, Central District
Robert Wallace, P.E.

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 11-30-89.

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.

Kim Doben 11-30-89
Clerk 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 Central Florida Pipeline Corporation, 100 GATX Drive, Tampa, Florida 33605, to construct an 8,000 gallon gasoline additive tank No. A-15 at the GATX terminal located at 9919 Palm Avenue, Taft, Orange County, Florida. Total volatile organic compounds (VOC) emissions from tank No. A-15 are estimated to be 0.14 lbs/hr and 0.06 TPY. 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.

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(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
Central District
3319 Maguire Blvd., Suite 232
Oralndo, Florida 32803-3767

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

Central Florida Pipeline Corporation
Taft, Orange County, Florida

Gasoline Additive Tank No. A-15
File No. AC 48-171145

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

November 29, 1989

I. General Information

A. Applicant

Central Florida Pipeline Corporation
100 GATX Drive
Tampa, Florida 33605

B. Project and Location

Mr. Ralph Baker, Central Florida Pipeline Corporation's Manager of Florida Operations, submitted an application for permit to construct a gasoline additive tank No. A-15 on October 6, 1989. The application was considered complete on receipt by the Department (October 10, 1989). This tank will be installed at Central Florida Pipeline Corporation's terminal (SIC 5171) located at 9919 Palm Avenue, Taft, Orange County, Florida. The UTM coordinates of this site are Zone 17, 463.8 km E and 3143.8 km N.

Tank No. A-15 is an 8 ft. diameter by 21.25 ft. long horizontal tank with a pressure/vacuum vent. It has a capacity of 8,000 gallons. It will be used to store a gasoline additive. The Safety Data Sheet for the additive is part of the application. Based on an annual throughput of 36,000 gallons, the volatile organic compounds (VOC) emissions (breathing + working losses) are estimated to be 120.7 lbs/yr (0.06 TPY).

II. Rule Applicability

The proposed project, construction of a gasoline additive tank No. A-15 at a petroleum product terminal (SIC 5171), is subject to preconstruction review under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code (F.A.C.).

The source will be in an area designated maintenance for ozone (F.A.C. Rule 17-2.460) and attainment for the other criteria pollutants (F.A.C. Rule 17-2.420).

The terminal is a major facility because volatile organic compounds (VOC) emissions exceed 100 TPY. The proposed project will not cause a significant emission rate increase as defined by F.A.C. Rule 17-2, Table 500-2. Therefore, the project is not subject to prevention of significant deterioration regulations, F.A.C. Rule 17-2.500.

As the project results in an increase in VOC emissions, it is subject to F.A.C. Rule 17-2.520 (Sources Not Subject to

Prevention of Significant Deterioration or Nonattainment Requirements), F.A.C. Rule 17-2.620 (General Pollutant Emission Limiting Standards), and F.A.C. Rule 17-2.660 (NSPS), specifically 40 CFR 60, Subpart Kb, Standard of Performance for VOC Storage Vessels.

III. Technical Evaluation

An estimate of the total VOC emissions (breathing loss plus working loss) from the proposed tank was made by the applicant's engineer using the procedures given in AP-42, Compilation of Air Pollutant Emission Factors, Section 4.3, Storage of Organic Liquids.

A summary of the emissions from the proposed tank, based on a throughput of 36,000 gallons per year, is shown below:

VOC Emissions (lbs/yr)

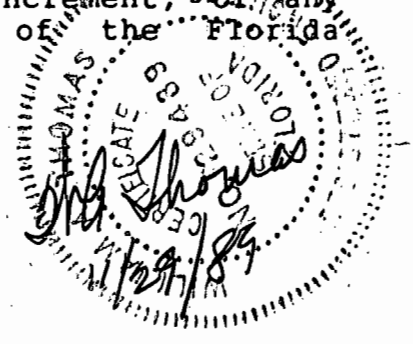
Breathing Loss	Working Loss	Total Loss
17.0	103.7	120.7

IV. Air Quality Analysis

It is the judgement of the Department that the estimated VOC emissions from the proposed tank will not cause or contribute to a violation of any ambient air quality standards.

V. Conclusion

Based on the information provided by Central Florida Pipeline Corporation, the Department has reasonable assurance that the proposed project, construction of gasoline additive tank No. A-15, as described in this evaluation and subject to the conditions proposed herein, will not cause or contribute to a violation of any air quality standard, PSD increment, or any other technical provision of Chapter 17-2 of the Florida Administrative Code.



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:
Central FL Pipeline Corp.
100 GATX Drive
Tampa, Florida 33605

Permit Number: AC 48-171145
Expiration Date: Dec. 31, 1990
County: Orange
Latitude/Longitude: 28°25'19"
81°22'01"
Project: Gasoline Additive Tank No. A-15

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:

Install an 8,000 gallon gasoline additive tank No. A-15 (horizontal 8 ft. diameter x 21.25 ft. long) equipped with a pressure/vacuum vent at the GATX terminal (SIC 5171) located at 9919 Palm Avenue, Taft, Orange County, Florida. The UTM coordinates of this facility are Zone 17, 463.8 km E and 3143 km N.

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

Attachment:

Application received October 10, 1989.

PERMITTEE:
Central FL Pipeline Corp.

Permit No. AC 48-171145
Expiration Date: Dec. 31, 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.

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.

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

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.

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. Tank No. A-15 shall not handle more than 36,000 gallons of gasoline additives during any 12 month period. The permittee shall maintain records that show the quantity of volatile organic compounds handled in this tank.

2. This tank shall comply with all the applicable requirements of 40 CFR 60, Subpart Kb-Standards of Performance for Volatile Organic Liquid Storage Vessels (July 1, 1988).

3. This storage tank may be in service continuously, 8,760 hours/year.

4. This tank shall be equipped with a pressure/vacuum vent. Any liquid leaks in the pump, piping, or tank, shall be repaired promptly.

5. This tank and associated equipment shall not discharge air pollutants which cause or contribute to an objectionable odor (F.A.C. Rule 17-2.620).

6. Volatile organic compounds emissions from this tank, as determined by the procedures described in AP-42, Compilation of Air Pollutant Emission Factors, Section 4.3, shall not exceed 0.06 TPY. If the parameters that the estimated emissions are based on change, the permittee shall recalculate the emissions from this tank and submit this data to the Department's Central District office.

7. 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).

8. An application for an operation permit must be submitted to the Department's Central District office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant 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. 17-4.220).

Issued this _____ day
of _____, 1989

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

_____
Dale Twachtmann, Secretary

GATX
10/24/89 Run

1/2

7

```
MPTPLU
  -- MODEL FOR SCREENING MAXIMUM CONCENTRATIONS FOR MULTIPLE SOURCES
     MODIFIED FROM PTPLU


*** TITLE OF SOURCE #  1 ***

*** TEST OF MPTPLU ***

>>>INPUT PARAMETERS<<<

***OPTIONS***
IF = 1, USE OPTION
IF = 0, IGNORE OPTION
IOPT(1) = 0  (GRAD PLUME RISE)
IOPT(2) = 0  (STACK DOWNWASH)
IOPT(3) = 0  (BUOY. INDUCED DISP.)
IOPT(4) = 1  (EXTRAPOLATED WIND)

***METEOROLOGY***
AMBIENT AIR TEMPERATURE =   293.00 (K)
MIXING HEIGHT           =  2000.00 (M)
ANEMOMETER HEIGHT       =    10.00 (M)
WIND EXTRAPOLATION EXPONENTS  = A: .10, B: .15, C: .20
                          D: .25, E: .30, F: .30

***RECEPTOR HEIGHT***   =      .00 (M)

***SOURCE***
EMISSION RATE =  1.76E-03 (G/SEC)
STACK HEIGHT  =      2.44 (M)
EXIT TEMP.    =    294.11 (K)
EXIT VELOCITY =       .00 (M/SEC)
STACK DIAM.   =       .30 (M)
VOLUME FLOW   =   .00E+00 (M**3/SEC)

>>>CALCULATED PARAMETERS<<<

VOLUMETRIC FLOW =   .00E+00 (M**3/SEC)
BUOYANCY FLUX PARAMETER =      .00 (M**4/SEC**3)


       *** MAXIMUM CONCENTRATION FOR SOURCE #  1 ***

  **** STACK TOP WINDS EXTRAPOLATED FROM 10.0 METERS ****

   *** WIND SPEED AT 10.0 METER HEIGHT IS GIVEN HERE ***
STABILITY   WIND SPEED   MAX CONC   DIST OF MAX    PLUME HT
              (M/SEC)   (UG/CU M)       (KM)         (M)
   6            1.00   6.3341E+01       .066         2.4

       **** CORRESPONDING SPATIAL DISTRIBUTION ****
         DISTANCE (KM)     CONCENTRATION (UG/M**3)
               .1               5.2293E+01
               .2               2.2700E+01
               .3               1.2354E+01
               .5               5.4500E+00
```

.7	3.1290E+00
1.0	1.7862E+00
1.5	9.6112E-01
2.0	6.1870E-01
3.0	3.4438E-01
5.0	1.7164E-01
7.0	1.0861E-01
10.0	6.8146E-02
15.0	4.0182E-02
20.0	2.8366E-02
30.0	1.7397E-02
50.0	9.6853E-03

*** SPATIAL DISTRIBUTION OF WORST CONDITIONS ***
(CUMULATED FOR THE LAST 1 SOURCE(S))

DISTANCE (KM)	MAX CONC (UG/M**3)	STABILITY	WIND (M/S)
.1	5.2293E+01	6	1.00
.2	2.2700E+01	6	1.00
.3	1.2354E+01	6	1.00
.5	5.4500E+00	6	1.00
.7	3.1290E+00	6	1.00
1.0	1.7862E+00	6	1.00
1.5	9.6112E-01	6	1.00
2.0	6.1870E-01	6	1.00
3.0	3.4438E-01	6	1.00
5.0	1.7164E-01	6	1.00
7.0	1.0861E-01	6	1.00
10.0	6.8146E-02	6	1.00
15.0	4.0182E-02	6	1.00
20.0	2.8366E-02	6	1.00
30.0	1.7397E-02	6	1.00
50.0	9.6853E-03	6	1.00

Stop - Program terminated.

52.3 ug/m³ — max 1 hr impact

× .1

5.2 ug/m³ — max annual impact (only 1% BZ)

0.0052 mg/m³

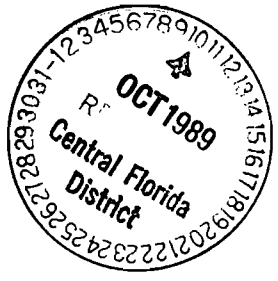
$$ARC = \frac{40}{168}\left(\frac{1}{50}\right)^{3} = 0.0021 \text{ mg/m}^3$$

GATX

CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

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

October 6, 1989



Mr. Charles M. Collins, P.E.
Central Florida District
Florida Department of Environmental Regulation
3319 Maguire Boulevard
Orlando, Florida 32803

Re: Central Florida Pipeline Corporation
Application to Construct Air Pollution Sources

Dear Mr. Collins:

Central Florida Pipeline Corporation, a wholly owned subsidiary of GATX Terminals Corporation (GATX), proposes the construction of an 8,000 gallon horizontal tank to contain gasoline additive at its Taft, Florida Terminal.

Provided for your review and approval are six (6) copies of the following:

1) Florida Department of Environmental Regulation Application to Construct Air Pollution Sources (DER Form 17-1.202(1)).

2) Emissions Calculations.

3) Location maps.

4) Flow diagram.

A check (#4577, dated October 2, 1989) for the application fee of $200.00 has recently been forwarded to, and received by FDER Central District office.

Please contact me at (813) 248-2148 with any questions or concerns regarding this application.

Sincerely,

Elaine R. Macinski
Environmental Engineer

ERM:mrr
em-der2

Attachments

c: Richard Lien, CFPL - Manager

Best Available Copy

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

Permit Data Form

Project Source Name: Central FL Pipeline / Tank A-15

Type Code: AC Subcode: IE Check if: ☐ GP ☐ Exempt

Correct Fee: $1200

Amount Received: $1200

Amount Refund:

Permit Processor's Initial: [illegible] Data Entry Operator's Initial: [illegible]

Comments:

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION) — Initial / Date
Bill Thomas — Initial / Date
2. Bureau of Air Quality Manag- — Initial / Date
3. — Initial / Date
4. — Initial / Date

REMARKS:
Located at major facility

INFORMATION
- Review & Return
- Review & File
- Initial & Forward

RECEIVED
OCT 12 1989
DER-BAQM
DISTRICT

- Review & Respond
- Prepare Response
- For My Signature
- For Your Signature
- Let's Discuss
- Set Up Meeting
- Investigate & Report
- Initial & Forward
- Distribute
- Concurrence
- For Processing
- Initial & Return

FROM: John Brown

DATE 10/11/89

PHONE

APPLICATION TRACKING SYSTEM 10/11/89

APPL NO:171145
APPL RECVD:10/10/89 TYPE CODE:AC SUBCODE:1E LAST UPDATE:10/11/89
DER OFFICE RECVD:ORL DER OFFICE TRANSFER TO:TLH APPLICATION COMPLETE:00/00/00
DER PROCESSOR:~~A. ZAHN~~ B. Thomas
APPL STATUS:AC DATE:10/10/89 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)
RELIEF:__ (SSAC/EXEMPTIONS/VARIANCE)
(Y/N) N MANUAL TRACKING DISTRICT:30 COUNTY:48
(Y/N) DNR REVIEW REQD? LAT/LONG:28.25.19/81.22.01
(Y/N) N PUBLIC NOTICE REQD? BASIN-SEGMENT:__.___
(Y/N) N GOV BODY LOCAL APPROVAL REQD? COE #:_____
(Y/N) Y LETTER OF INTENT REQD? _ (I/ISSUE D/DENY) ALT#:___-_____

PROJECT SOURCE NAME:CENTRAL FL PIPELINE/TANK A-15
STREET:9919 PALM AVENUE CITY:TAFT
STATE:FL ZIP:_____ PHONE:___-___-____
APPLICATION NAME:BAKER, RALPH/CENTRAL FL PIPELINE
STREET:100 GATX DRIVE CITY:TAMPA
STATE:FL ZIP:33605 PHONE:813-248-2148
AGENT NAME:ENVIRONMENTAL ENGINEERING CONSULT.
STREET:5119 NORTH FLORIDA AVENUE CITY:TAMPA
STATE:FL ZIP:33603 PHONE:813-237-3781
FEE #1 DATE PAID:10/10/89 AMOUNT PAID:00200 RECEIPT NUMBER:00144382

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE - - - __/__/__
C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - - __/__/__--__/__/__
D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. -. __/__/__
E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - __/__/__--__/__/__
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - __/__/__--__/__/__
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - __/__/__--__/__/__
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - __/__/__--__/__/__
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - __/__/__--__/__/__
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - __/__/__--__/__/__
F DATE GOVERNING BODY REQUESTED SURVEY RESULTS/REPORTS - - __/__/__
G DATE FIELD REPORT WAS REQ--REC - - - - - - - - - - - - - __/__/__--__/__/__
H DATE DNR REVIEW WAS COMPLETED - - - - - - - - - - - - - - __/__/__

I DATE APPLICATION WAS COMPLETE - - - - - - - - - - - - - - 00/00/00
J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS - - __/__/__
K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT - - - - __/__/__--__/__/__
L DATE PUBLIC NOTICE WAS SENT TO APPLICANT - - - - - - - - __/__/__
M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED - - __/__/__
N WAIVER DATE BEGIN--END (DAY 90) - - - - - - - - - - - - - __/__/__--__/__/__

COMMENTS: 2 copies retained for Central Dist.
JS.

PERMIT #: 48-171145 APPLICANT NAME: Central FL Apeline

TYPE OF PERMIT: AC SUBTYPE: IE

STATUS: _____(IS, DE, GP, EX, WI, ADI) PERMIT PROCESSING (FORM #: DER-CA 01)

OFFICE:

DATE	TIME BEGIN	TIME END	TOTAL TIME (15 MIN)	C	POSITION TITLE
ENTERED OCT 1 0 1989			K		DEO

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

No. 144382

Received from Central Florida Pipeline Corp Date Oct 10, 1989

Address 1904 Hemlock Ave Tampa 33605 Dollars $ 200.00

Applicant Name & Address Tank A-15

Source of Revenue AC48-171145

Revenue Code 001031 OK 4577 Application Number

By [illegible]

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

RECEIVED
OCT 10 1989

OER Form #
Form Title
Effective Date
OER Application No.
(Filled in by OER)

RECEIVED
OCT 1989
Central Florida District

CENTRAL FLORIDA
DISTRICT

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Gasoline Additive Tank [X] New[1] [ ] Existing[1]

APPLICATION TYPE: [X] 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; Peaking Unit No. 2, Gas Fired) Tank A-15

SOURCE LOCATION: Street 9919 Palm Avenue City Taft

UTM: East 17-463.8 km North 3143.8 km

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

APPLICANT NAME AND TITLE: Ralph Baker, Manager of Florida Operations

APPLICANT ADDRESS: 100 GATX Drive, Tampa, Florida 33605

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of GATX Terminals Corporation

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:

Ralph Baker, Manager of Florida Operations
Name and Title (Please Type)

Date: Telephone No. 813/248-2148

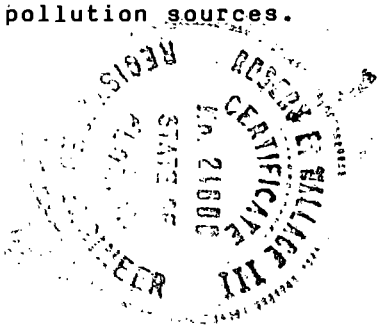
B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

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

[1] See Florida Administrative Code Rule 17-2.100(57) and (104)

Northwest District 160 Governmental Center Pensacola, Florida 32501-5794 904-436-8300
Northeast District 3426 Bills Rd. Jacksonville, Florida 32207 904-798-4200
Central District 3319 Maguire Blvd. Suite 232 Orlando, Florida 32803-3767 407-894-7555
Southwest District 4520 Oak Fair Blvd. Tampa, Florida 33610-7347 813-623-5561
South District 2269 Bay St. Fort Myers, Florida 33901-2896 813-332-2667
Southeast District 1900 S. Congress Ave., Suite A West Palm Beach, Florida 33406 407-964-9668

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 _____

Robert E. Wallace III, P.E.
Name (Please Type)

Environmental Engineering Consultants, Inc.
Company Name (Please Type)

5119 N. Florida Avenue, Tampa, Florida 33603
Mailing Address (Please Type)

Florida Registration No. 21608 Date: 10/4/89 Telephone No. 813/237-3781

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 upon receipt of permit Completion of Construction Within one year

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.)

N/A

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

New Source - no previous permit

E. Requested permitted equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ;

if power plant, hrs/yr N/A ; if seasonal, describe: _____

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. VOC's

2. Does best available control technology (BACT) apply to this source? If yes, see Section VI. no

3. Does the State "Prevention of Significant Deterioriation" (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 justification for any answer of "No" that might be considered questionable.

* Areas recently designated an "Air Quality Maintenance Area" by FDER.

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

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

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): For throughput of tank, see calculations sheet.

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

Name of Contaminant	Emission[1]		Allowed[2] Emission Rate per Rule 17-2	Allowable[3] Emission lbs/hr	Potential[4] Emission		Relate to Flow Diagram
	Average lbs/hr	Actual T/yr			lbs/yr (average)	T/yr	
VOC's	0.014	0.06	N/A	N/A	0.014	0.06	N/A

[1]See Section V, Item 2.

[2]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)

[3]Calculated from operating rate and applicable standard.

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

*Potential Emission as defined in Rule 17-2.

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)
Pressure/Vac. Vent	VOC's	N/A	N/A	N/A

E. Fuels N/A

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

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

Fuel Analysis: N/A

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. N/A

Annual Average _____ Maximum _____

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

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

Stack Height: _____ ft. Stack Diameter: _____ ft.

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

Water Vapor Content: _____ % Velocity: _____ FPS

SECTION IV: INCINERATOR INFORMATION N/A

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 $(ft)^3$	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diamter: _____ 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)] See Calculations.
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. See Calculations.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test). See Calculations.
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.) See drawing.
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). See Calculation.
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. See attached.
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). See attached.
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. See attached.

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation. Attached.

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. N/A

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY N/A

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:

6. Operating Costs:

7. Energy:

8. Maintenance Cost:

9. Emissions:

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:[1]

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:[2]

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:[1]

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:[2]

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

[1]Explain method of determining efficiency.
[2]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:[1]

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:[2]

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:[1]

d. Capital Costs:

e. Useful Life:

f. Operating Cost:

g. Energy:[2]

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:[1]

3. Capital Cost:

4. Useful Life:

5. Operating Cost:

6. Energy:[2]

7. Maintenance Cost:

8. Manufacturer:

9. Other locations where employed on similar processes:

a. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

[1]Explain method of determining efficiency.
[2]Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:[1]

Contaminant	Rate or Concentration

(8) Process Rate:[1]

b. (1) Company:

(2) Mailing Address:

(3) City: (4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:[1]

Contaminant	Rate or Concentration

(8) Process Rate:[1]

10. Reason for selection and description of systems:

[1]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 N/A

A. Company Monitored Data

1. _____no. sites _____ TSP _____( ) SO^2* _____ 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^2	_____ 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.

SECTION II

GENERAL PROJECT INFORMATION

QUESTION A:

GATX Terminals Corporation proposes to construct six (6) 8,000 gallon vertical tanks which will contain TEXACO system 3 - Petrox Additive. The tank has been designated A-15. A Material Safety Data Sheet for additive is attached.

The tank will be in compliance with FDER Rule 17-2.

Upon completion of construction GATX Terminals Corporation desires to include this tank under the existing terminal tankage permit by amendment.

SECTION III C: Emission Calculations Based on AP-42
Tank A-15

Fixed Roof Tank Breathing Loss: L_B (lbs./yr.)

$$L_B = 2.26 \times 10^{-2} M_V \left[\frac{P}{P_A - P}\right]^{0.68} D^{1.73} H^{0.51} T^{0.5} F_P C K_C$$

where:

M_V = molecular weight (lb./lb. mole) = 100

P_A = average atm. pressure (psia) = 14.7

P = true vapor pressure (psia) = 0.36 @ 100°F

D = tank diameter (ft) = 8

H = average height of vapor space (ft) = 2

T = average ambient durinal temperature (°F) = 18.7

F_P = paint factor = 1.0

C = adjustment factor small diameter tanks = 0.41

K_C = product factor = 1

therefore:

$$L_B = .0226 \times 100 \left[\frac{0.36}{14.7 - 0.36}\right]^{0.68} \times 8^{1.73} \times 2^{0.51} \times 18.7^{.5} \times$$

$$1.0 \times 0.41 \times 1$$

L_B = 17.0 lbs./yr.

SECTION III C: Emission Calculations Based on AP-42
Tank A-15 (continued)

Fixed Roof Tank Working Losses: L_W (lbs./yr.)

$L_W = 2.40 \times 10^{-5} M_V PVNK_NK_C$

where:

V = tank capacity (gal) = 8,000

N = number of turnovers/yr = 4.5

K_N = turnover factor = 1.0

therefore:

$L_W = 2.40 \times 10^{-5} \times 100 \times 1.2 \times 8,000 \times 4.5 \times 1.0 \times 1.0$

L_W = 103.7 lbs. yr.

Actual emissions are equal to potential emission for this source.

Total Emissions: L_T

$L_T = L_W + L_B$

L_T = 17.0 lbs/yr + 103.7 lbs/yr = 120.7 lbs/yr.

= 0.06 TPY

Average hourly emissions based on 8760 hrs./yr.

L_T = 120.7 lbs/yr. x 1 yr./8760 hrs. = 0.014 lbs./hr.

TEXACO GATX SEP 18 1989

INDUSTRIAL HYGIENE, TOXICOLOGY, AND MATERIAL SAFETY DATA SHEET

NOTE: NO REPRESENTATION IS MADE AS TO THE ACCURACY OF THE INFORMATION HEREIN. SEE PAGE 7 FOR CONDITIONS UNDER WHICH DATA ARE FURNISHED.

Trade Name and Synonyms
77001 TC-13000 SYSTEM 3 -

Manufacturer's Name: Texaco Chemical Company
Emergency Telephone No.: (409) 722-8381

Address: 3040 Post Oak Blvd. P.O. Box 27707 Houston, TX 77056

Chemical Name and/or Family or Description: Fuel Additive

THIS PRODUCT IS CLASSIFIED AS:
X CARCINOGENIC BY OSHA, IARC, OR NTP _____ NOT CARCINOGENIC

WARNING STATEMENT:
DANGER ! FLAMMABLE LIQUID AND VAPOR
CAUSES IRRITATION TO EYES AND SKIN
ATTENTION! VAPOR MAY BE HARMFUL TO LIVER, CENTRAL NERVOUS SYSTEM; CONTAINS BENZENE A CANCER HAZARD

OCCUPATIONAL CONTROL PROCEDURES

Protective Equipment (Type)

Eyes: Chemical type goggles must be worn. Do not wear contact lenses.

Skin: Protective clothing such as uniforms, coveralls or lab coats should be worn. Launder or dry clean when soiled. Gloves resistant to chemicals and petroleum distillates required.

Inhalation: Supplied air respiratory protection for cleaning large spills or upon entry into tanks, vessels, or other confined spaces.

Ventilation: Adequate to meet component permissible concentrations.

Permissible Concentrations:

Air: None established for product; refer to page 4 for component permissible concentrations.

EMERGENCY AND FIRST AID PROCEDURES

First Aid

Eyes: Flush thoroughly with water for at least fifteen minutes. Get medical attention.

Skin: Wash exposed areas with soap and water.

Ingestion: Do NOT induce vomiting. May cause chemical pneumonitis.

Inhalation: Should symptoms noted under physiological effects occur, remove to fresh air. If not breathing, apply artificial respiration.

Other Instructions: None.

N.D. - Not Determined N.A. - Not Applicable
< - Less Than > - Greater Than

PHYSIOLOGICAL EFFECTS:

Code No. 77001

Effects of Exposure

Acute:

Eyes: Believed to cause moderate eye irritation.

Skin: Believed to be moderately irritating; Believed to cause redness, edema or drying of the skin.

Respiratory System: Drowsiness, narcosis, and unconsciousness possible upon exposure to high concentrations in poorly ventilated confined spaces.

Chronic: See Additional Comments, page 6.

Other: -

Sensitization Properties:

Skin: Yes ___ No ___ Unknown X Respiratory: Yes ___ No ___ Unknown X

Median Lethal Dose (LD_{50} LC_{50})(Species)

Oral: Believed to be 2.0-5.0g/kg (rat); slightly toxic

Inhalation: N.D.

Dermal: Believed to be > 3 g/kg (rabbit); practically non-toxic

Other: N. D.

Irritation Index, Estimation of Irritation (Species)

Skin: Believed to be 3.0-5.0/8.0 (rabbit); moderately irritating

Eyes: Believed to be 25-50/110(rabbit); moderately irritating

Symptoms of Exposure: See above

FIRE PROTECTION INFORMATION

Ignition Temp.°F. N.D. Flash Point °F. (Method) 65°F (TCC)

Flammable Limits (%) Lower N.D. Upper N.D.

Products Evolved When Subjected to Heat or Combustion:

Carbon monoxide, carbon dioxide, aldehydes and ketones, combustion products of nitrogen

Recommended Fire Extinguishing Agents And Special Procedures:

According to the National Fire Protection Association Guide 325M, use dry chemical, foam or carbon dioxide. Water may be ineffective on the flames, but water should be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for the persons attempting to stop the leak.

Unusual or Explosive Hazards:

Explosive air-vapor mixtures may form.

ENVIRONMENTAL PROTECTION

Code No. 77001

Waste Disposal Method:
Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures and processes may change classification to non-hazardous or hazardous for reasons other than, or in addition to ignitability. (See Remarks for Waste Classification.)

Procedures in Case of Breakage or Leakage: (Transportation Spills Call CHEMTREC (800) 424-9300)
Eliminate all ignition sources including internal combustion engines and power tools. Ventilate area. Avoid breathing vapor. Use SCBA or supplied-air mask for lg spills or in confined areas. Contain spill. Remove with inert absorbant. Avoid contact with eyes.

Remarks:
Waste Classification: Product (as presently constituted) has the RCRA characteristic of ignitability and if discarded in its purchased form would have the hazardous waste number D001.

PRECAUTIONS

DANGER ! FLAMMABLE LIQUID AND VAPOR
CAUSES IRRITATION TO EYES AND SKIN
ATTENTION! VAPOR MAY BE HARMFUL TO LIVER, CENTRAL NERVOUS SYSTEM; CONTAINS BENZENE A CANCER HAZARD
Keep away from heat, sparks and flame. Avoid breathing vapor
Keep container closed. Use in only well ventilated locations
Avoid contact with eyes,skin and clothing. Wash throughly after handling.

Requirements for Transportation, Handling and Storage:
Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

DOT Proper Shipping Name: See additional comments page 6
DOT Hazard Class (if applicable): Flammable liquid U.N.1993,R.Q.

CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point (°F) N.D.
Vapor Pressure 0.36 psi @ 100F (mmHg)

Specific Gravity 0.90 (H_2O=1)
Vapor Density N.D. (Air=1)

Appearance and Odor Reddish brown liquid, light aromatics odor

pH of undiluted product N.D.
Solubility N.D.

Percent Volatile by Volume N.D.
Evaporation N.D. ( )=1

Viscosity 9.4 cSt @ 40 °C
Other -

Hazardous Polymerizations _____ Occur X Do not occur

The Material Reacts Violently With: (If others is checked below, see additional comments on page 6 for futher details)

Air	Water	Heat	Strong Oxidizers	Others	None of These
					X

N.D. - Not Determined N.A. - Not Applicable
< - Less Than > - Greater Than

COMPOSITION

Code No. 77001

Chemical/Common Name	CAS No.	Exposure Limit	Range in %
*Toluene	108883	100ppm TWA-ACGIH 100ppm TWA-OSHA 150ppm STEL-OSHA 150ppm STEL-ACGIH	20.00 - 34.99
*Xylene	1330207	100ppm TWA-ACGIH 100ppm TWA-OSHA 150ppm STEL-OSHA 150ppm STEL-ACGIH	4.00 - 10.99
*2-Ethyl-1-hexanol	104767	None Established	4.00 - 10.99
*Alkenylsuccinimide	CBI	None Established	1.00 - 3.99
*Ethylbenzene	100414	100 ppm TWA ACGIH 100 ppm PEL OSHA 125 ppm STEL ACIGH	1.00 - 3.99
*Benzene	71432	10ppm TWA ACGIH 1 ppm TWA OSHA 5 ppm STEL OSHA	0.10 - 0.99
Polymeric amine, light petroleum naptha and up to 2.0% xylene (cas.#1330207).	N.A.	None Established	20.00 - 34.99
Solvent-dewaxed heavy paraffinic petroleum distillates	64742650	5mg/m3 ACGIH (MIST) 5mg/m3 OSHA (MIST)	11.00 - 19.99

*Hazardous according to OSHA (1910.1200) or one or more state Right-To-Know lists.

SARA TITLE III

I. Title III Section 302/304 Extremely Hazardous Substance

Component	CAS No.	%	RQ (Lbs)	TPQ (Lbs)
None				

II. CERCLA Section 102(a) Hazardous Substance

Component	CAS No.	%	RQ (Lbs)
Xylene	1330207	4.00-10.99	1,000
Benzene	71432	0.10-0.99	1,000
Toluene	108883	20.0-34.99	1,000

III. Title III Section 311 Hazard Categorization

Acute	Chronic	Fire	Pressure	Reactive	Not Applicable
X	X	X			

IV. Title III Section 313 Toxic Chemicals

Component	CAS No.	%
Xylene	1330207	4.00-10.99
Toluene	108883	20.0-34.99
Benzene	71432	0.10-0.99
Ethylbenzene	100414	1.00-3.99

PRODUCT SHIPPING LABEL

Code No. 77001

77001 TC-13000

DANGER ! FLAMMABLE LIQUID AND VAPOR
CAUSES IRRITATION TO EYES AND SKIN
ATTENTION! VAPOR MAY BE HARMFUL TO LIVER, CENTRAL NERVOUS SYSTEM; CONTAINS BENZENE ,A CANCER HAZARD
Keep away from heat, sparks and flame. Avoid breathing vapor
Keep container closed. Use in only well ventilated locations
Avoid contact with eyes,skin and clothing. Wash throughly after handling.

FIRST AID: Immediately flush eyes with plenty of water for at least 15 minutes. Call a doctor. Flush skin with water. Wash clothing before reuse. If swallowed, do not induce vomiting. Call a doctor immediately. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a doctor.
In case of fire, use water spray, foam, dry chemical or CO2.

Chemical/Common Name	CAS No.	Range in %
·Toluene	108883	20.00 - 34.99
·Xylene	1330207	4.00 - 10.99
·2-Ethyl-1-hexanol	104767	4.00 - 10.99
·Alkenylsuccinimide	CBI	1.00 - 3.99
·Ethylbenzene	100414	1.00 - 3.99
·Benzene	71432	0.10 - 0.99
Polymeric amine, light petroleum naptha and up to 2.0% xylene (cas.#1330207).	N.A.	20.00 - 34.99
Solvent-dewaxed heavy paraffinic petroleum distillates	64742650	11.00 - 19.99

·Hazardous according to OSHA (1910.1200) or one or more state Right-To-Know lists.

HMIS
Health : 2 Reactivity : 0
Flammability: 3 Special : -

DOT Proper Shipping Name: See additional comments page 6
DOT Hazardous Class : Flammable liquid U.N.1993,R.Q.

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

HEALTH EMERGENCY TELEPHONE: (914) 831-3400 (EXT. 204)

Texaco
2000 Westchester Avenue
White Plains, New York 10650

For Additional Information Concerning:

Fuels/Lubricants/Antifreezes
call (914) 831-3400 (EXT.204)
Chemicals
call (512) 459-6543
Transportation Spills
call CHEMTREC (800) 424-9300

ADDITIONAL COMMENTS

Code No. 77001

STATE OF MICHIGAN CRITICAL MATERIALS ACT (REVISED 1988)
4.00-10.99 Wt.% xylene.

This product contains xylene. Xylene has been shown to cause liver and central nervous system (CNS) effects, and teratogenic/embryotoxic effects in laboratory animals.
ACGIH "skin" notation-appropriate measures should be taken to prevent cutaneous absorption since the TLV is based on overexposure to the mucous membranes.
This product contains benzene. Benzene has been associated with anemia and leukemia in humans and anemia, lymphoma and other cancers in laboratory animals.
D.O.T. Proper shipping name: Flammable liquid, N.O.S., (contains xylene and toluene)
This product contains toluene which upon prolonged exposures to high concentrations produces loss of appetite, nose bleeds, and liver, kidney and neural dysfunction.

By F. E. Bentley Title Coordinator of Product Safety

Date 08-22-89 ☐ New ☒ Revised, Supersedes 07-25-89

N.D. - Not Determined N.A. - Not Applicable
< - Less Than > - Greater Than

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EXPLANATION OF THE INDUSTRIAL HYGIENE, TOXICOLOGY, AND MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Trade Name and Synonyms

Refer to the code number and name under which the product is marketed and the common commercial name of the product.

Manufacturer's Name and Address Self explanatory.

Chemical Name and/or Family or Description

Refer to chemical, generic, or descriptive name of single elements and compounds.

OCCUPATIONAL CONTROL PROCEDURES

(Consult your Industrial Hygienist or Occupational Health Specialist.)

Protective Equipment

Type of protective equipment that is necessary for the safe handling and use of this product.

Ventilation

Normal means adequate to maintain permissible concentrations.
Ventilation: type, i.e. local exhaust, mechanical, etc.

Permissible Concentrations

Indicates worker exposure limits, such as the Threshold Limit Value (TLV) as established by the American Conference of Governmental Industrial Hygienists or standards, promulgated by the Occupational Safety and Health Administration (e.g., PEL).

TLV-Time Weighted Average (TWA) is the concentration in air averaged over an 8 hour daily exposure.

TLV-Ceiling (C) is the ceiling limit on concentration that should not be exceeded during any part of the working day.

"Skin" Notation (ACGIH) indicates that dermal absorption can contribute to overall exposure following direct contact or exposure to airborne material.

Permissible Exposure Level (PEL) is the time weighted concentration in air averaged over an 8 hour daily exposure.

EMERGENCY AND FIRST AID PROCEDURES

Administer first aid and emergency procedures in case of eye and/or skin contact, ingestion and inhalation.

PHYSIOLOGICAL EFFECTS

Acute Exposures (Eye, Skin, Respiratory System)

Refers to the most common effects that would be expected to occur from direct contact with the product.

Chronic

Refers to the effects that are most likely to occur from repeated or prolonged exposure.

Sensitizer

Means a substance which will cause on or in normal living tissue, through an allergic or photodynamic process, a hypersensitivity which becomes evident on reapplication of, or exposure to, the same substance.

Median Lethal Dose or Concentration (LD50,LC50)

Refers to that dose or concentration of the material which will produce death in 50 per cent of the animals. For inhalation, exposure time is indicated.

Irritation Index

Refers to an empirical score (Draize Method) for eye and skin irritation when tested by the method described. If numbers are not available, an estimated score indicates whether or not the material is an irritant.

FIRE PROTECTION INFORMATION

Ignition Temperature

Refers to the temperature in degrees Fahrenheit, at which a liquid will give off enough flammable vapor to ignite and burn continuously for 5 seconds.

Flash Point (Method used)

Refers to the temperature in degrees Fahrenheit, at which a liquid will give off enough flammable vapor to ignite.

Flammable Limits

Refers to the range of gas or vapor concentration (percent by volume in air) which will burn or explode if an ignition source is present. Lower means the lower flammable limit and upper means the upper flammable limit given in percent.

Products Evolved When Subjected to Heat or Combustion.

The products evolved when this material is subjected to heat or combustion. Includes temperature at which oxidation or other forms of degradation occurs.

Recommended Fire Extinguishing Agents and Special Procedures

Specifies the fire fighting agents that should be used to extinguish fires. If unusual fire hazards are involved or special procedures indicated, this is specified.

Unsusual Fire or Explosive Hazards

Specifies hazards to personnel in case of fire, explosive danger.

ENVIRONMENTAL PROTECTION

Specifies how this product may be disposed.

Indicates precautions necessary in the event that leakage or breakage occurs. Included are (a) clean-up procedures, (b) personal protective equipment if necessary, (c) hazards that may be created, i.e. fire, explosion, etc.

PRECAUTIONS

Label that is required or recommended.

Requirements for Transportation, Handling and Storage

Specifies handling and storage procedures. Gives ICC, DOT, or other regulations related to safety and health for transportation.

CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point (or Range)

In degrees Fahrenheit or Celsius Boiling Point at 760 mmHg.
Vapor Pressure

Pressure exerted when a solid or liquid is in equilibrium with its own vapor.

Specific Gravity

The ratio of the density of the product to the density of water.

Vapor Density

The ratio of the density of the vapor at saturation concentration (20 degrees Celsius or 68 degrees Fahrenheit) to the density of air at 760 mmHg.

Appearance and Odor

Refers to the general characterization of the material, e.g. powder, colorless liquid, aromatic odor, etc.

pH

Refers to the degree of acidity or basicity of the material in a specific concentration.

pH1-5 - STRONGLY ACIDIC
pH5-7 - WEAKLY ACIDIC
pH7-9 - WEAKLY BASIC
pH9-14 - STRONGLY BASIC

Solubility

Refers to the solubility of a material by weight in water at room temperature. The term negligible, less than 0.1 %; slight, 0.1 to 1%; moderate, 1 to 10%; appreciable, 10% or greater. Gives solubility in organic solvents where appropriate.

Percent Volatile By Volume

Refers to the amount volatilized at 20 degrees Celsius or 68 degrees Fahrenheit when allowed to evaporate.

Evaporation

Gives the rate of evaporation compared to a standard

Viscosity

Measure of flow characteristics in Kinematic viscosity in Centistokes.

Hazardous Polymerization

Hazardous polymerization is that reaction which takes place at a rate which produces large amounts of energy. Indicates whether it may or may not occur and under what storage conditions.

Does the Material React Violently

Indicates whether the material will react violently, releasing large amounts of energy when exposed under conditions listed.

Composition

Components of the product as required by OSHA (1910.1200) and one or more state Right to Know laws.

Texaco
2000 Westchester Avenue
White Plains, New York 10650
Phone (914) 831-3400 (Beacon)

PINE CASTLE, FLA.

N2822.5–W8115/7.5

1953

PHOTOREVISED 1970

AMS 4740 IV NE–SERIES V847

1 0

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

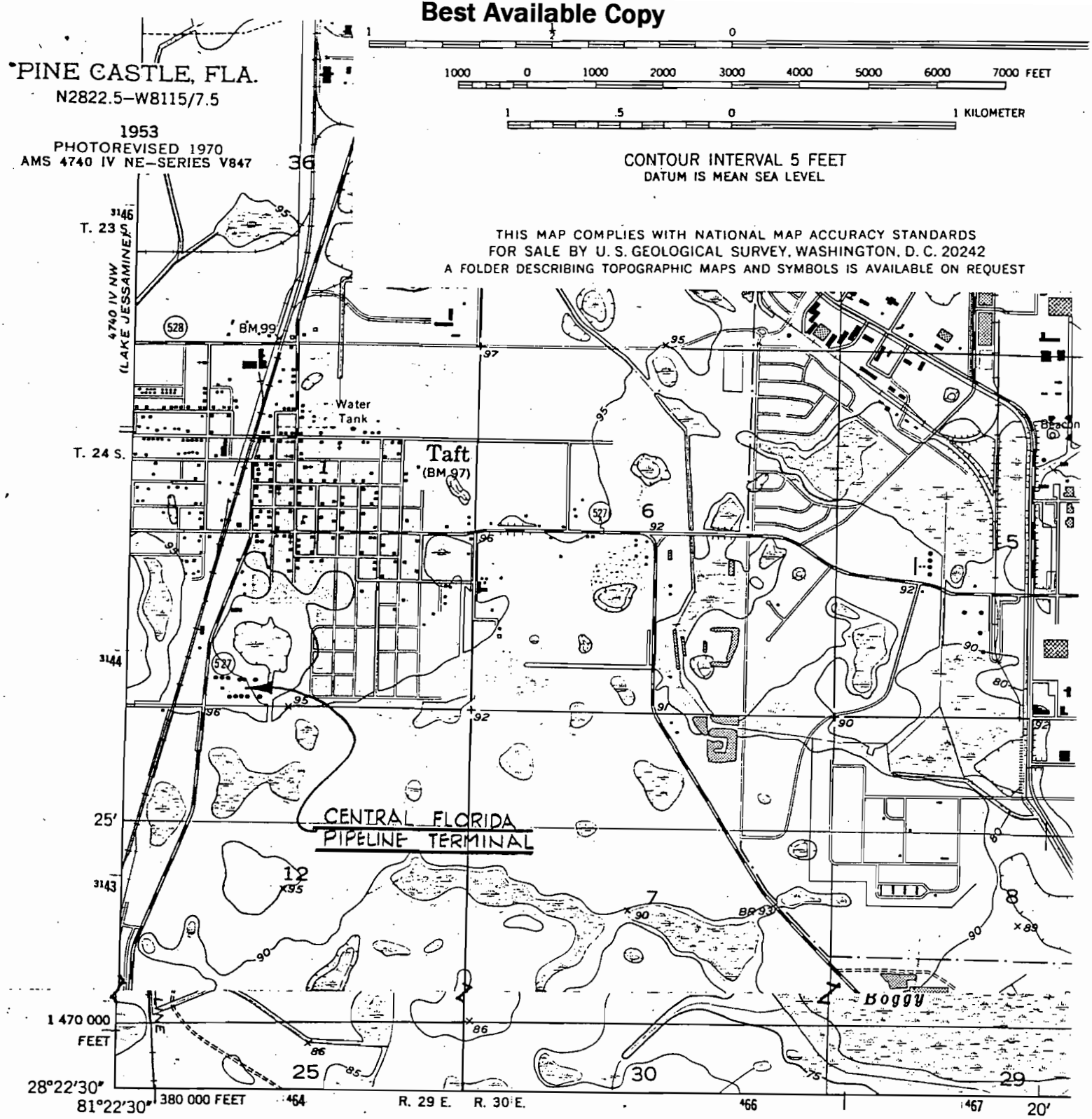
CONTOUR INTERVAL 5 FEET

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



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

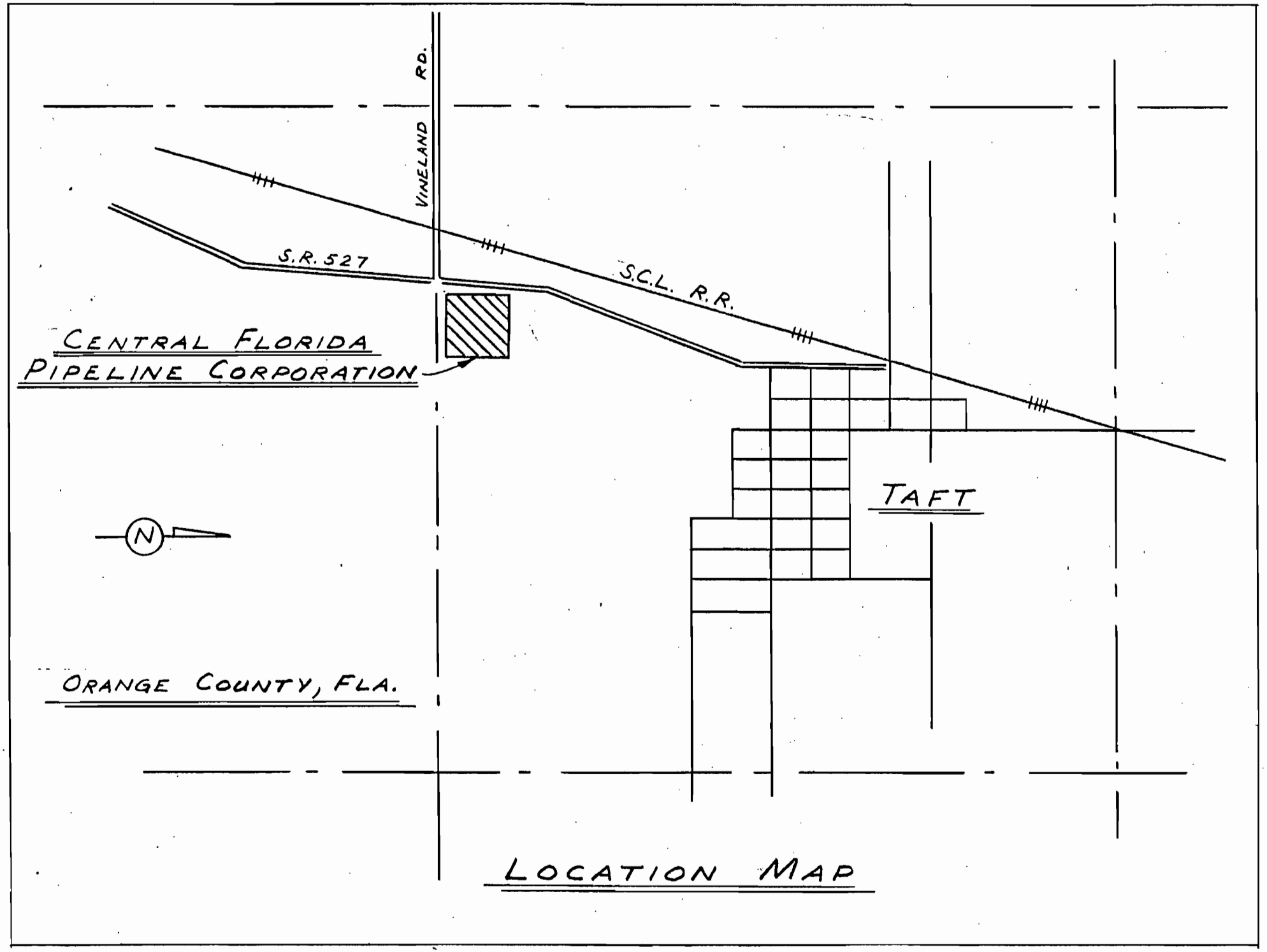
Revisions shown in purple compiled from aerial photographs taken 1970. This information not field checked

Purple tint indicates extension of urban areas

(KISSIMMEE)
4740 IV SW

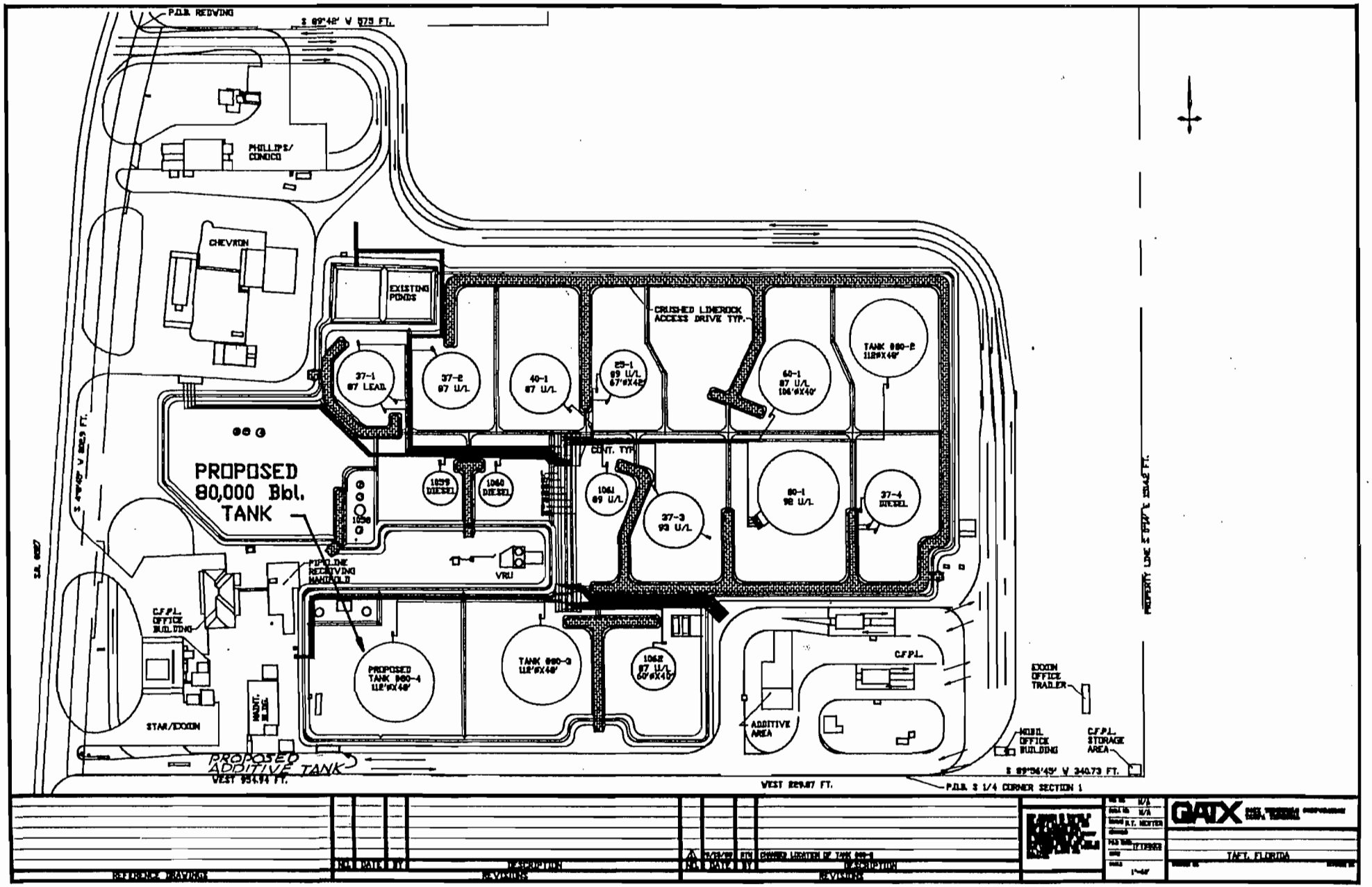
MN
GN
½° 9 MILS
0°09' 3 MILS

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



LOCATION MAP

Best Available Copy



REFERENCE DRAWINGS

NO.	DATE	BY	DESCRIPTION

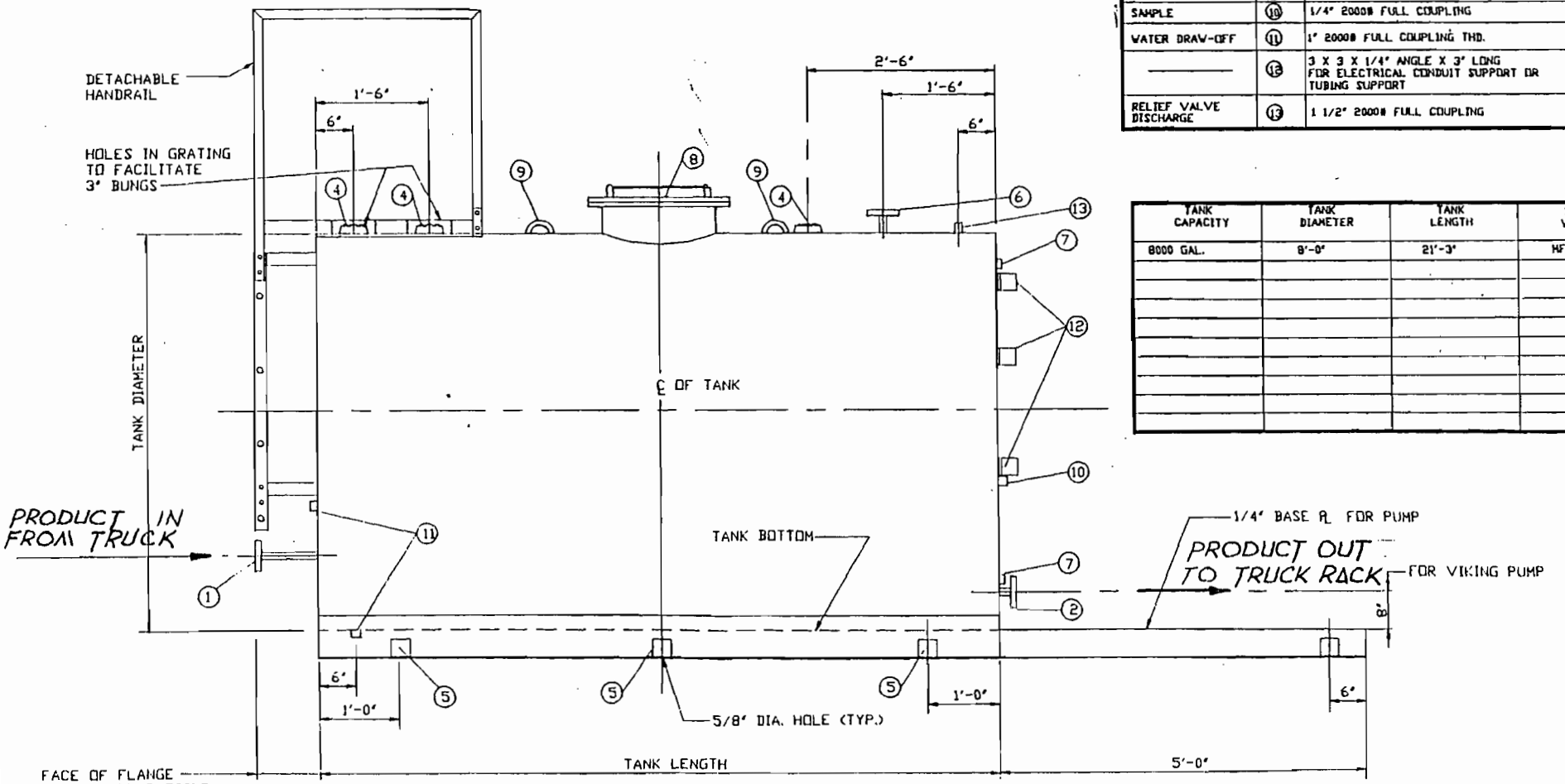
REVISIONS

NO.	DATE	BY	DESCRIPTION
1	11/25/98	RTH	CHANGED LOCATION OF TANK 880-4

REVISIONS

GATX

TAFT, FLORIDA



SIDE ELEVATION & FLOW DIAGRAM

BILL OF MATERIALS

FUNCTION	ITEM	DESCRIPTION	REQD.
TANK FILL	①	3" 150# SLIP-ON FLANGE	1
PUMP SUCTION	②	2" 150# SLIP-ON FLANGE	1
———	③	PLATE SKID FULL LENGTH OF TANK	2
GAUGE HATCH, VENT, EMER. VENT	④	3" NPT FITTING	3
———	⑤	3 X 3 X 1/4" ANGLE X 3/4" DIA. HOLE (FOR 1/2" ANCHOR BOLTS)	8
LEVEL SWITCH	⑥	4" 150# FLANGE (S.O. OR THD. MANUF. CHOICE)	1
LEVEL INDICATOR, THERMOMETER	⑦	3/4" 2000# FULL COUPLING	3
TANK ACCESS	⑧	18" MANHOLE COVER FOR FOR LIQUIDS W/A FLASH POINT BELOW 200°F	1
———	⑨	LIFTING LUG PER MFGR'S STD.	
SAMPLE	⑩	1/4" 2000# FULL COUPLING	1
WATER DRAW-OFF	⑪	1" 2000# FULL COUPLING THD.	1
———	⑫	3 X 3 X 1/4" ANGLE X 3" LONG FOR ELECTRICAL CONDUIT SUPPORT OR TUBING SUPPORT	3
RELIEF VALVE DISCHARGE	⑬	1 1/2" 2000# FULL COUPLING	1

TANK CAPACITY	TANK DIAMETER	TANK LENGTH	SKID WIDTH
8000 GAL.	8'-0"	21'-3"	MFR'S STD.

CENTRAL FLORIDA PIPELINE CORP.
TAFT TERMINAL - TAFT, FL.