FACILITY FILE: CITRUS COUNTY

CITRUS COUNTY CENTRAL

LANDFILE

# BEFORE THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of an Application for Permit by:

DER File NO.: SO09-111795

Mr. James W. Pinkerton, County Engineer Citrus County Board of County Commissioners 110 North Apopka Avenue Inverness, Florida 32650

INTENT TO ISSUE

4009 C 000 86 M WAC 39859 CL3

The Division of Environmental Permitting hereby gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above. The Division is issuing this Intent to Issue for the reasons stated below.

The applicant, James W. Pinkerton, County Engineer, Citrus County Board of County Commissioners, applied on October 30, 1985, to the Department of Environmental Regulation for a permit to operate a solid waste Class I sanitary landfill (approximately 50 acres), referred to as Citrus County Central Class I Sanitary Landfill, subject to the specific conditions attached, disposing of solid waste, near S.R. 44, 3 miles east of Lecanto, Citrus County, Florida.

The Department has permitting jurisdiction under Chapters 17-4.07, 17-7.030, and 17-7.070, Florida Administrative Code. The project is not exempt from permitting procedures. The Department has determined that a solid waste operation permit is required for the proposed work.

The Department intends to issue this permit based on its belief that reasonable assurances have been provided to indicate that the proposed project will not adversely impact water quality and the proposed project will comply with the appropriate provisions of Chapters 17+3, 17-4, 17-7 and 17-25, Florida Administrative Code, subject to the specific conditions attached in the permit.

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 Proposed Agency Action on permit application. The notice must be published one time only in a section of a major local newspaper of general circulation in the county in which the project is located and within thirty (30) days from receipt of this intent. Proof of publication must be provided to the Department within seven days of publication of the notice. 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 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. Petitions must comply with the requirement of Florida Administrative Code Rules 17-103.155 and 2815.201 (copies attached) an be filed with (received by) the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant must be filed within fourteen (14) days of receipt of this intent. Petitions filed by other persons must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this intent, whichever first occurs. 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, concerning the subject permit application. Petitions which are not filed in accordance with the above provisions will be dismissed.

Executed in Tampa, Florida.

Issued this 12 day of 1987.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

Richard D. Garrity, Ph.D. District Manager

Southwest District 7601 Highway 301 North Tampa, FL 33637

RDG/kfs

cc: John Reese, Tallahassee

# CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT and all copies were mailed before the close of business on  $\omega/(2/8)$  to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
\$120.60(3), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Clerk

Date

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

The department gives notice of its intent to issue a permit to James W. Pinkerton. County Engineer. Citrus County Board of County Commissioners, to operate a solid waste Class I sanitary landfill (approximately 50 acres), referred to as Citrus County Central Class I Sanitary Landfill, subject to the specific conditions attached, disposing of solid waste, near S.R. 44, 3 miles east of Lecanto, Citrus County, Florida.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this preliminary statement. Therefore, persons who may not object to the proposed agency action may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Model Rule 28-5.207 at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings. Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 7601 Highway 301 North, Tampa, Florida 33637.

# STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT 7601 HIGHWAY 301 NORTH TAMPA, FLORIDA 33637-9544 (813)985-7402 SUNCOM 542-8000



BOB MARTINEZ GOVERNOR DALE TWACHTMANN SECRETARY DR. RICHARD D. GARRITY DISTRICT MANAGER

#### NOTICE OF PERMIT

Mr. James W. Pinkerton, County Engineer Citrus County Board of County Commissioners 110 North Apopka Avenue Inverness, Florida 32650

Dear Mr. Pinkerton:

Enclosed is Permit Number S009-111795 to operate a solid waste Class I sanitary landfill, issued pursuant to Section(s) 403.087(1), Florida Statutes.

Any party to the Order (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 the Final Order is filed with the Clerk of the Department.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

Kim B. Ford Solid Waste Section

KBF/js

cc: John Reese, Tallahassee

### CERTIFICATE OF SERVICE

This is to certify	that this NOTICE OF PERMIT	and all copies w	<i>i</i> ere
mailed before the close	of business on	to the liste	:d
persons.		<del></del>	

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to \$120.52(10), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk Date

# STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT 7601 HIGHWAY 301 NORTH TAMPA, FLORIDA 33637-9544 (813)985-7402 SUNCOM 542-8000



BOB MARTINEZ GOVERNOR DALE TWACHTMANN SECRETARY DR. RICHARD D. GARRITY DISTRICT MANAGER

PERMITTEE
Mr. James W. Pinkerton,
County Engineer
Citrus County Board of
County Commissioners
110 North Apopka Avenue
Inverness, Florida 32650

PERMIT/CERTIFICATION
GMS ID No.: 4009C00086
Permit No.: S009-111795

Date of Issue:

Expiration Date: 6-1-92

County: Citrus

Lat/Long: 28°51'08" 82°26'38"

Sec/Town/Range: 01/19S/18E Project: Citrus County Central

Class I Sanitary Landfill

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-3, 17-4, 17-7 and 17-25. 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 department and made a part hereof and specifically described as follows:

To operate a solid waste Class I sanitary landfill (approximately 50 acres), referred to as Citrus County Central Class I Sanitary Landfill, subject to the specific conditions attached, disposing of solid waste, near S.R. 44, 3 miles east of Lecanto, Citrus County, Florida.

Replaces Permit No.: MP09-112294 and S009-30672

#### SPECIFIC CONDITIONS:

- 1. This site shall be classified as a Class I landfill, and shall be operated in accordance with all applicable requirements of Chapters 17-3, 17-4, 17-7, and 17-25, Florida Administrative Code.
- 2. All solid wastes disposed of in the Class I area shall be covered with a minimum of six (6) inches of compacted earth or other suitable material as approved by the Department, at the end of each working day. The working face may be left uncovered if solid waste will be placed on the working face within 18 hours, and as long as there are no adverse environmental or health effects from this practice.
- 3. The operating authority shall be responsible for the control of odors and fugitive particulates arising from this operation. Such control shall prevent the creation of these nuisance conditions on adjoining property.
- 4. The permittee shall not allow the disposal of hazardous waste at this site. Hazardous waste is a solid waste identified by the Department as a hazardous waste in Chapter 17-30, Florida Administrative code.
- 5. The design, operation, and monitoring of disposal or control of any "special wastes" shall be in accordance with F.A.C. Section 17-7.060, and any other applicable Department rules, to protect the public safety, health and welfare. "Special Wastes" means those wastes that require extraordinary management. They include but are not limited to abandoned automobiles, white goods, used tires, waste oil, sludges, dead animals, agricultural and industrial wastes, septic tank pumpings, and infectious and hazardous wastes. Sludges which may be hazardous due to their chemical composition should be disposed of in accordance with F.A.C. Section 17-7.040(4). Disposal of Grade III Domestic Wastewater Treatment Sludge, disposal of domestic septage, and disposal of food service sludge, shall be in accordance with F.A.C. Section 17-7.540(6).
  - 6. The Class III disposal area shall be limited to "Construction and Demolition Debris" per F.A.C. Section 17-7.020(14), and "Yard Trash" per F.A.C. Section 17-7.020 (72).

#### SPECIFIC CONDITIONS (cont'd)

- 7. The landfill shall have a surface water management system designed, constructed, operated, and maintained to prevent surface water flow onto waste filled areas, and a stormwater runoff control system designed, constructed, operated and maintained to collect and control stormwater to meet requirements of Florida Administrative Code Rule 17-25 and requirements of the respective water management district. The landfill owner or operator shall design and construct these systems within 180 days following issuance of this permit. The landfill owner or operator should receive approvals of the design as necessary prior to construction of systems. After construction has been completed, the engineer or authorized public officer shall complete a Certification of Construction Completion, Department Form 17-7.130(2). "As-built" drawings should be submitted to the Department.
- Stormwater or other surface water which comes into contact with the solid waste or mixed with leachate shall be considered leachate, and shall be treated to meet applicable standards of Florida Administrative Code Rules 17-3 and 17-4 at the point of discharge. To assure that all discharges are free from leachate contamination, water quality sampling will be provided for any discharges.
  - One storm of 1" or more rainfall will be sampled per quarter for at least one year after issuance of this permit.
  - В. Samples will be collected downstream of the discharge, twice daily (12 hours apart) for the first day and once a day until discharge stops or two (2) days whichever is longer.
  - Samples will be analyzed for the following parameters:
    - l. pН
    - 2. Specific Conductance
    - 3. TOC
    - 4. TDS
    - 5. TKN
  - 6. Total Alkalinity
    7. Chloride
    8. TSS

    - 9. DO
    - 10. Total Coliform
    - 11. BOD

# SPECIFIC CONDITIONS (con't):

- 8. (con't):
  - D. Data from each of the above sampling efforts shall be submitted to the Southwest District Office, C/O Solid Waste Section, within 30 days after collection.
- 9. Evidence of methane gas buildup or migration may necessitate installation of measures to control such buildup and/or migration in addition to those proposed.
- 10. An adequate Quality Control Plan shall be submitted to the Department, C/O Solid Waste Section, Southwest District Office, 30 days prior to liner installation/construction. The Quality Control Plan shall include installation/construction personnel, all specifications and construction methods, and liner testing procedures and sampling frequency. The liner material proposed for use shall be completely described. Laying of the liner shall comply with specified standards that are fully defined in the Quality Control Plan. An acceptable method of testing for pinholes and method for removing or patching pinholes and defective areas shall be completely described. Sampling and testing shall be conducted in the field during construction and after completion by qualified personnel under the direction of the professional engineer in charge to assure the liner will meet the performance standards.
  - 11. At least 30 days prior to liner installation, the permittee shall submit a construction schedule or chart to include the following activities.
    - A. Beginning of liner installation,
    - B. Completion of liner installation,
    - C. Beginning of leachate collection/removal system construction,
    - D. Completion of leachate collection/removal system construction.
- 12. After all significant initial construction of any new section or phase of the landfill has been completed and prior to operation or acceptance of any solid waste, the engineer or the authorized public officer shall complete an Application to Operate Only Resource Recovery and Management Facility-Certification of Construction Completion, Department Form 17-7.130(2).
  - 13. Prior to sixty days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules.

#### SPECIFIC CONDITIONS (cont'd)

- 14. At least 90 days prior to the date when wastes will no longer be accepted for active portions of the landfill, the landfill owner or operator shall submit a closure permit application to the Department. The final cover shall be placed over the entire surface of each completed portion of the filled areas within 180 days after final waste deposit date.
  - 15. The landfill owner or operator shall submit a closure permit application to the Department for inactive portions of the landfill not having final cover prior to July 1, 1985, and that will no longer receive waste. this closure permit application shall be submitted within 90 days following issuance of this permit.
  - 16. In accordance with Chapter 17-4, Florida Administrative Code (F.A.C.), the permittee has installed and placed into operation a Groundwater Monitoring System. The Groundwater Monitoring System is designed and constructed in accordance with the plans submitted on June 24, 1985 by Seaburn and Robertson, Inc. and the additional information submitted August 29, 1985.
  - 17. The groundwater monitoring wells are located as follows:

Well Number	Aquifer	Location
MW-A	Upper Floridan	Reference Permit Figure 1. Approximately in the center of the west property line.
MW-B	Upper Floridan (background)	Reference Permit Figure 1. Southeast corner
MW-C	Upper Floridan	Reference Permit Figure 1. Approximately 375 ft. north of the southwest corner.
MW-D	Upper Floridan (supply well)	Reference Permit Figure 1. Northwest corner of landfill.

18. If any monitoring well becomes damaged or inoperable, the permittee shall submit a written report to the Department within fourteen (14) days of discovery of the problem. Any well in which a water sample cannot be taken is considered inoperable. The report shall detail what has occurred and shall include the corrective measures performed to restore the damaged well to its initial state. All monitor well design and replacement shall be approved by the Department prior to installation. DER Form 17-1.201(5) PAGE 5 of 13.

#### PERMITTEE

James W. Pinkerton PERMIT NO.: S009-111795 Citrus County Central Class I Sanitary Landfill

#### SPECIFIC CONDITIONS (cont'd)

19. Sixty (60) days prior to the renewal of this permit, the permittee shall sample all groundwater monitor wells for the Primary and Secondary Drinking Water parameters included in Chapter 17-22. Florida Administrative Code. Public Drinking Water Systems. The specific parameters to be sampled and analyzed for are the Primary (17-22.104(1) and Secondary (17-22.104(2)) Drinking Water Standards listed in Part II. Quality Standards, Analytical Methods. Sampling.

20. All groundwater monitor wells shall be sampled Quarterly for the following parameters. However, additional sample(s), well(s) and parameter(s) may be required based upon the subsequent analysis.

#### PRIMARY STANDARDS

Nitrate (as Nitrogen) mg/L
Sodium mg/L
Turbidity NTU
8 Volatile Organic Compounds (VOC)\* ug/L

#### SECONDARY STANDARDS

Chloride mq/L color units Color mq/L Copper Langelier Index Corrosivity mg/L Iron Manganese mg/L mq/L Odor Ηg std. units Sulfate mq/L TDS mg/L Zinc mg/L

## **OTHERS**

Temperature °C
Total Organic Carbon (TOC) mg/L
Specific Conductance mhos\_
Water Levels N.G.V.D.
Fecal Coliform cts/100 ml
TKN mg/L

\*One time only for MW-A

DER Form 17-1.201(5) Page 6 of 13.

SPECIFIC CONDITIONS (cont'd)

- 21. The field testing, sample collection and preservation and laboratory testing, including quality control procedures, shall be in accordance with methods approved by the Department in accordance with Chapter 17-4.246 and 17-3.401, F.A.C. Approved methods as published by the Department or as published in Standard Methods, A.S.T.M. or EPA methods shall be used. Approved methods for chemical analyses are summarized in the Federal Register, December 1, 1976 (41FR52780) except that turbidity shall be measured by the Nephelometric Method.
- 22. All groundwater monitoring analyses shall be reported on the Department Form 17-1.216(2), Quarterly Report on Groundwater Monitoring. The permittee shall submit to the Department the results of the groundwater monitoring well water quality analysis no later than the fifteenth (15) day of the month immediately following the end of the sampling period. The results shall be sent to the Department of Environmental Regulation, Southwest District Office, 7601 Highway 301 North, Tampa, Florida 33637-9544.
- 23. The permittee shall ensure that the water quality standards for Class G-II groundwaters will not be exceeded at the boundary of the zone of discharge according to Sections 17-3.402 and 17-3.404, F.A.C.
- 24. The permittee shall ensure that the minimum criteria for groundwater specified in Section 17-3.402, F.A.C. shall not be violated within the zone of discharge.

#### GENERAL CONDITIONS:

- 1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate the permittee, its agent, employees, servants or representatives.
- 2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.
- 3. As provided in Subsections 403.087(6) and 403.712(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor infringement or federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.
- 4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
- 5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by any order from the department.

#### GENERAL CONDITIONS (con't):

- 6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.
  - 7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credential or other documents as maybe required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purposes of:
  - a. Having access to and copying any records that must be kept under the conditions of the permit:
  - b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
  - c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

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

- 8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department (17-6.130) with the following information:
- (a) a description of and cause of non-compliance; and
- (b) the period of non-compliance, including exact 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.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

### GENERAL CONDITIONS (con't):

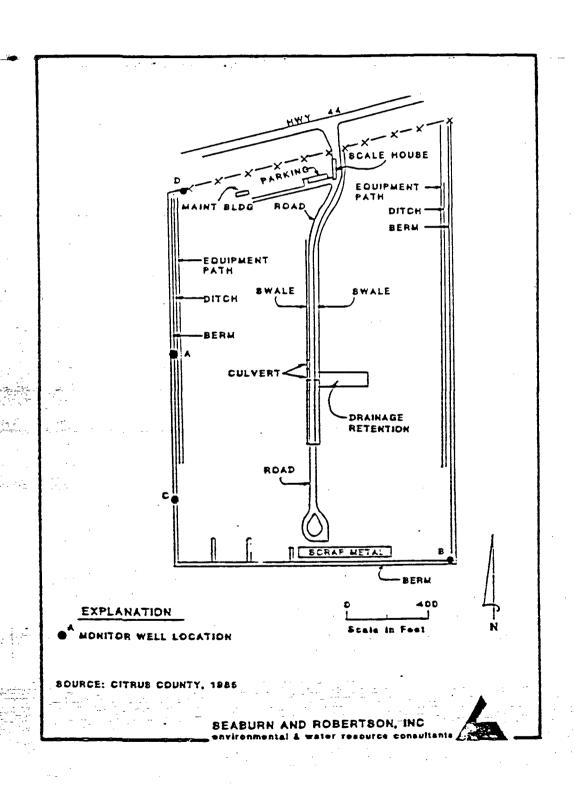
- 9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evident in any enforcement case arising under the Florida Statutes or department rules, except where such use is prescribed by Section 403.73 and 403.111, Florida Statutes.
  - 10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.
  - 11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.
  - 12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.
  - 13. This permit also constitutes:
    - ( ) Determination of Best Available Control Technology (BACT)
    - ( ) Determination of Prevention of Significant Deterioration (PSD)
    - ( ) Certification of Compliance with State Water Quality Standards (Section 401. PL 92-500)
    - ( ) Compliance with New Source Performance Standards
  - 14. The permittee shall comply with the following monitoring and record keeping requirements:
  - a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

## GENERAL CONDITIONS (con't):

#### 14. (con't):

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
  - c. Records of monitoring information shall include:
  - -the date, exact place, and time of sampling or measurement;
  - -the person responsible for performing the sampling or measurements;
  - -the date(s) analyses were performed;
  - -the person responsible for performing the analyses;
  - -the analytical techniques or methods used; and
  - -the results of such analyses.
  - 15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

Permit Figure 1. (S009-111795)



DER Form 17-1.201(5) Page 12 of 13.

Issued this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

Richard D. Garrity, Ph.D. District Manager