



4009C00086

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

NOTICE OF PERMIT

Citrus County
Board of County Commissioners
110 North Apopka Avenue
Inverness, Florida 34450

AUG 22 1994

SO09-187229
39859

Dear County Commissioners:

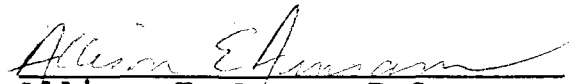
Enclosed is the modification required by F.A.C. Rule 17-701.510(1) to existing Operation Permit Number 8009-187229, issued pursuant to Section(s) 403.087(1), Florida Statutes.

Persons whose substantial interests are affected by this permit have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on it. The petition must conform to the requirements of Chapters 17-103 and 28-5.201, F.A.C., and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400, within fourteen (14) days of receipt of this notice. Failure to file a petition within fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Department has the right to seek judicial review of the Order 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, 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 PROTECTION


Allison E. Amram, P.G.
Solid Waste Section
Division of Waste Management


AEA/ab
Attachment

cc: Frank Schiraldi, Chairman, Citrus County BCC
Chester A. White, Citrus County BCC
Vicki Phillips, Citrus County BCC
Gary Bartell, Citrus County BCC
Brad Thorpe, Citrus County BCC
Susan Metcalfe, P.G., Citrus County Dept. of Solid Waste
Kathy Anderson, FDEP Tallahassee
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa
Kim Ford, P.E., FDEP Tampa

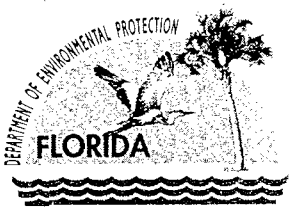
CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on AUG 22 1994 to the listed persons.

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


Clerk

AUG 22 1994
Date



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE:
Citrus County
Board of County Commissioners
110 North Apopka Avenue
Inverness, Florida 34450

AUG 22 1994

**RE: Modification to existing operation per F.A.C. Rule 17-701.510(1)
Permit No.: 8009-187229, Citrus County
Citrus County Class I Sanitary Landfill Expansion**

Dear County Commissioners:

We are in receipt of your July 13, 1994 request for permit modification to comply with F.A.C. Rule 17-701.510(1). This modifies your solid waste operation permit No. 8009-187229.

<u>SPECIFIC CONDITIONS</u>	<u>FROM</u>	<u>TO</u>	<u>TYPE OF MODIFICATION</u>
#19.	Existing	Amended	Groundwater sampling locations
#20.	Existing	Amended	Groundwater sampling parameters
#23.	Existing	Amended	Water quality monitoring submittals
#53.		New	Leachate sampling

This letter and its attachments constitute a complete permit and replace all previous permits and permit modifications for the above referenced facility.

Sincerely,

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

RDG/aeab
Attachments



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE

Citrus County
Board of County Commissioners
110 North Apopka Avenue
Inverness, Florida 34450

PERMIT/CERTIFICATION

GMS ID No.: 4009C00086
Permit No.: S009-187229
Date of Issue: 11/16/90
Expiration Date: 10/01/95
County: Citrus
Lat/Long: 28°51'
82°26'
Sec/Town/Rge: 1/19S/218E
Project: Citrus County
Class I Sanitary
Landfill Expansion

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-3, 17-4, 17-25, 17-28, 17-550, 17-701, 17-703 and 17-711. 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 80 acres), referred to as the Citrus County Central Class I Landfill Expansion, subject to the specific conditions attached, for management and disposal of solid wastes and leachate treatment and disposal, near S.R. 44, 3 miles east of Lecanto, Citrus County, Florida

Replaces Permit No.: SC09-155514

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 403.141, 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), F.S., 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 this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment 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.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are 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.

GENERAL CONDITIONS:

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 reasonable times, 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 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 noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

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

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

GENERAL CONDITIONS:

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 Rule 17-4.120 and 17-730.300, Florida Administrative Code, 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)
- () 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:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and 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.

GENERAL CONDITIONS:

(c) Records of monitoring information shall include:

1. the date, exact place, and time of sampling or measurements;
2. the person responsible for performing the sampling or measurements;
3. the dates analyses were performed;
4. the person responsible for performing the analyses;
5. the analytical techniques or methods used;
6. the results of such analyses.

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

SPECIFIC CONDITIONS:

1. This site shall be classified as a Class I landfill and shall be constructed and operated in accordance with all applicable requirements of Chapters 17-3, 17-4, 17-25, 17-28, 17-550, 17-701, 17-703, and 17-711, Florida Administrative Code, and all applicable requirements of Department rules.

2. All solid waste disposed of in the Class I area must be covered with at least 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 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 17-701.060, 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 17-701.040(4). Disposal of Grade III Domestic Wastewater Treatment Sludge, disposal of domestic septage, and disposal of food services sludge, shall be in accordance with F.A.C. Section 17-7.540(6).

6. The landfill shall have a surface water management system, operated and maintained to prevent surface water flow onto waste filled areas, and a stormwater runoff control system, 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.

7. 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, 17-4, and 17-601 at the point of discharge.

SPECIFIC CONDITIONS:

8. At least 30 days prior to performance of any sampling or analysis as required by this permit, the permittee shall provide proof that field and laboratory work done in connection with your routine groundwater monitoring is conducted by a firm possessing a general Quality Assurance Project Plan or a comprehensive Quality Assurance Plan approved by the Department. The Comp QAP must specifically address the sampling and analytical work that is required by the permit. The plan shall be required from all persons performing sampling or analysis, and shall be followed by all persons collecting or analyzing samples related to this permit.

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 any new 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 specific 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 any new liner installation/construction, the permittee shall submit a construction schedule or chart to include the following activities:

- A. Beginning of liner installation/construction.
- B. Completion of liner installation/construction.
- C. Beginning of leachate collection/removal system construction.
- D. Completion of leachate collection/removal system construction.
- E. Beginning of any new leachate treatment/disposal system.
- F. Completion of any new leachate treatment/disposal system construction.

12. Direct discharge from the percolation pond system to area surface waters is not allowed. Surface discharge shall be considered a violation of this permit and the permittee shall immediately report any such discharge to the Southwest District office of the Department of Environmental Protection.

SPECIFIC CONDITIONS:

13. The permittee shall sample the leachate treatment plant discharge under an approved Quality Assurance Plan for the following parameters at the given frequencies:

Daily: Flow

Weekly: pH, Fecal Coliform, Total Nitrates, Chloride, Sodium, TDS

Quarterly: Arsenic, Barium, Cadmium, Chromium, Iron, Mercury, Lead, Selenium, Silver, Total Trihalomethanes, Benzene, Toluene, Ethylbenzene, Xylenes

Annually: Primary and Secondary parameters as defined in Chapter 17-550, FAC

NOTE: Effluent will not be required to meet the MCL's.

Discharge water quality analyses shall be submitted to the Solid Waste Section of the Southwest District of the Department **quarterly** along with the groundwater monitoring analytical report described in Specific Condition No. 23.

Waste sludge from the leachate treatment plant shall be sampled and analyzed annually under an approved Quality Assurance Plan for the following parameters:

Toxic Characteristic Leaching Potential Test (TCLP) for organics, metals and pesticides
Total Nitrogen (percent dry weight)
Total Phosphorus (percent dry weight)
Total Potassium (percent dry weight)
Cadmium mg/kg (dry weight)
Copper mg/kg (dry weight)
Lead mg/kg (dry weight)
Nickel mg/kg (dry weight)
Zinc mg/kg (dry weight)
pH (standard units)
Solids (percent)

Waste sludge that is not classified as hazardous waste (Chapter 17-730.020, FAC) may be disposed of in the Class I landfill. Based upon the results of the analyses, the Department may require further testing and alternative disposal in order to assure compliance with all Department rules and regulations. The Department shall be notified within thirty (30) days of alternative sludge disposal activities.

SPECIFIC CONDITIONS:

The results of the sludge analyses shall be submitted to the Solid Waste Section of the Southwest District of the Department within **sixty** (60) days following sample collection.

Amended 09/24/93

14. The goal of the leachate treatment facility shall be to obtain the following concentrations prior to disposal of the treated leachate to the percolation pond system:

<u>Parameter</u>	<u>Concentration</u>	<u>Units</u>
Flow	-	gpd
pH	6.5 - 8.5	std. units
SS	20	mg/L
BOD ₅	20	mg/L
COD	(acceptable BOD ₅ :COD ratio)	-
Nitrate as N	12	mg/L
Fecal Coliform	N.D.	#/100 ml

DELETED 09/24/93

15. After all significant initial construction of each new section or phase of the facility 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). Any construction not previously approved as part of this permit shall require a modification of this permit or a new construction permit.

16. 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.

17. At least 90 days prior to the date when wastes will no longer be acceptable 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 wastes deposit date.

18. One Hundred Eighty (180) days prior to the renewal of this permit, the permittee shall sample all active groundwater monitoring wells for the Primary and Secondary Drinking Water parameters included in Chapter 17-550, Florida Administrative Code, Public Drinking Water Systems.

Amended January 29, 1991

SPECIFIC CONDITIONS:

19. The Groundwater Monitoring System is designed and constructed by the permittee in accordance with the report submitted on September 30, 1988 by P.B.S.J. The groundwater monitoring wells are located as per Figure 5 of report submitted on September 30, 1988 by P.B.S.J., as follows:

<u>Well Number</u>	<u>Aquifer</u>	<u>Location</u>
MW-1(R)	Floridan	see referenced drawing
MW-2	Floridan	see referenced drawing
MW-3	Floridan (background)	see referenced drawing
MW-B	Floridan	see referenced drawing
MW-4	Floridan	see referenced drawing
MW-5	Floridan	see referenced drawing
MW-6	Floridan	see referenced drawing

All wells are to be clearly labelled and easily visible at all times.

A surveyed drawing shall be submitted showing the location of all monitoring wells (active and abandoned) which will be horizontally located by metes and bounds or equivalent surveying techniques. The surveyed drawing shall include the monitor well identification number, location and elevation of all permanent benchmark(s) and/or corner monument marker(s) at the site. The survey shall be conducted by a Florida Registered Surveyor.

Amended 3/31/94, AUG 22 1994

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

FIELD PARAMETERS

Static water level in wells before purging
Specific Conductivity
pH
Dissolved Oxygen
Turbidity
Temperature
Colors & Sheens (by observation)

LABORATORY PARAMETERS

Total Ammonia - N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total Dissolved Solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix I

SPECIFIC CONDITIONS:

In addition, new wells MW-1R, MW-4, MW-5 and MW-6 shall be sampled **quarterly** for four consecutive quarters for the parameters listed above.

Amended 01/29/91, AUG 22 1994

21. Upon completion of construction of the Groundwater Monitoring System, the following information shall be submitted for all groundwater monitoring wells and any new well(s) constructed:

Well identification
Latitude/Longitude
Aquifer monitored
Screen type and slot size
Screen length
Elevation at top of pipe
Elevation of land surface

Driller's Log
Total depth of well
Casing diameter
Casing type and length
SWFWMD well construction
permit number

22. The permittee shall sample any new groundwater monitor wells for the Primary and Secondary Drinking Water parameters included in Chapter 17-550, Florida Administrative Code, Drinking Water Standards, fecal coliform, and EPA Priority Pollutants. The specific parameters to be sampled and analyzed for are the Primary and Secondary Drinking Water Standards listed in Part III, Quality Standards, Analytical Methods, Sampling, 1/18/89 revision.

Amended 01/29/91

23. 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 water quality and leachate analysis no later than the fifteenth (15) day of the month immediately following the end of the sampling period. For semi-annual sampling, the reports shall be submitted by **June 15th** and **January 15th** for the semi-annual periods January-June, and July-December, respectively. The results shall be sent to the Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318. Upon receipt and review of the required data, quarterly sampling and any required modification(s) of the Groundwater Monitor System will be given.

Amended AUG 22 1994

24. If at any time background groundwater standards are exceeded at the edge of the zone of discharge, the permittee has fifteen (15) days in which to resample the monitor well(s) to verify the original analysis. Should the permittee choose not to resample, the Department will consider the water quality analysis as representative of current groundwater conditions at the facility.

SPECIFIC CONDITIONS:

25. 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 Chapters 17-4.246 and 17-3.401, F.A.C. Approved methods are 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.

26. All piezometers and wells not a part of the approved groundwater monitoring plan are to be plugged and abandoned in accordance with Chapter 17-21.10(4), F.A.C., and the Southwest Florida Water Management District. The permittee shall submit a written report to the Department providing verification of the plugged program. A written request for exemption to the plugging of a well must be submitted to the Department's Solid Waste Section for approval.

27. If any monitoring well becomes damaged or inoperable, the permittee shall notify the Department of Environmental Protection immediately and a detailed written report shall follow within seven (7) days. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent the recurrence. All monitoring well design and replacement shall be approved by the Department prior to installation.

28. 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.

29. 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.

30. This permit allows improvements near the entrance of the Citrus County Solid Waste Management Facility known as Recycle Alley, to process yard trash into mulch and establish other recycling areas, in accordance with the plans and information submitted on September 13 and 26, 1991 by Citrus County, and in accordance with all applicable requirements of Department rules.
Amended 10/01/91

31. This permit allows the construction and operation of a waste tire facility in accordance with the information submitted on September 19, 1989, and September 13, 1991 by Citrus County, and in accordance with all applicable requirements of Department rules.
Amended 10/01/91

SPECIFIC CONDITIONS:

32. Waste tires and processed tires at the waste tire storage area shall be stored in accordance with the waste tire site requirements in Rule 17-711.510(F.A.C.).

33. Storage at the waste tire processing facility is limited to 200 tons of waste tires. At no time shall storage exceed 30 times the daily through-put of the processing equipment used. At least 75 percent of both the waste tires and processed tires that are delivered to or are contained on the site of the waste tire processing facility at the beginning of each calendar year must be processed and removed for disposal or recycling from the area during the year, or disposed of on the site in a permitted solid waste management facility. An annual report summarizing these operations shall be submitted to the Department by March 1, of each year, pursuant to F.A.C. 17-711.530(4).

34. The owner or operator shall control mosquitoes and rodents or request such control measures from the local mosquitoes control office, as so to protect the public health and welfare.

35. Solid waste may be placed into the new lined expansion area beginning January 1, 1991. Once solid waste has begun being placed into this expansion area, no more solid waste shall thereafter be placed into any previously active cells unless written permission is obtained from the Department.

36. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

37. The permittee shall be aware of and operate under the attached "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

38. In the event of damage to any portion of the site's facilities or failure of any portion of the systems or a site condition which may result in the failure to achieve compliance with any applicable department rule or condition of this permit, the permittee shall immediately notify the Department of Environmental Protection explaining such occurrence, remedial measures to be taken and time needed for repairs. Written detailed notification shall be made within one week following the occurrence.

New, 09/11/92

SPECIFIC CONDITIONS:

39. The permittee shall clearly stake the edge of the bottom liner on the north side of Phase I and maintain the locations as the landfill increases in elevation.

Amended 09/24/93

40. The permittee shall manage leachate recirculation, specifically initial and intermediate cover shall be permeable to the extent necessary to prevent perched water conditions and gas build-up. Leachate shall not be recirculated during weather conditions or in quantities that may cause run-off outside the solid waste disposal unit, surface seeps, wind blown spray, or exceedance of the limits of the leachate head on the liner. Recirculation of leachate is prohibited on top of areas where final cover has been applied. Irrigation of the final vegetative cover may be done with treated leachate which meets the water quality standards of the receiving water body, if such irrigation does not contribute significantly to leachate generation.

New 09/24/93

41. The permittee shall replace or modify the leachate storage impoundment (the old septic pond) to conform to 17-701.400(6) by **January 6, 1995.**

New 09/24/93

42. The permittee shall maintain a minimum of two feet of freeboard above the depth which would occur in the even of a 25-year, 24-hour storm in the leachate surface impoundment.

New 09/24/93

43. The aeration system for leachate aeration to maximize evaporation shall be installed and operated in accordance with Sheet 4 of plan titled "Citrus County Central Landfill Stormwater Drainage and Leachate Separation Construction Plans for 80 acre site Phase I" certified by Michael D. Moore on February 1, 1993.

New 09/24/93

44. Modifications to the operational and construction plan developed by PBS&J dated August 10, 1990 as indicated on drawings submitted to the Department for Project #89-615 certified by Michael D. Moore on February 1, 1993 shall be implemented in their entirety by **July 1, 1993.**

New 09/24/93

45. Seeding and mulching of all slopes shall be as indicated on the "Seeding Plan" submitted to the Department on June 8, 1993. The Department will require that standing grass (minimum height of 3 inches) exist by **November 1, 1993** on all slopes indicated per "seeding plan", in accordance with 17-701 and shall be capable of minimizing erosion of the DRA and internal landfill slopes.

New 09/24/93

SPECIFIC CONDITIONS:

46. The permittee must operate this facility in accordance with 17-701.500 (FDEP) Landfill Operation Requirements. The Department requests the permittee possess a thorough understanding of 17-701.500 and specifically address 17-701.500(1) - Training Operators per 17-703, 17-701.500(6) Monitoring of Waste, and 17-701.500(8) Leachate Management. The permittee shall submit a contingency plan for leachate management to the Department by **August 1, 1993** per 17-701.500(8)(e).

New 09/24/93

47. The permittee shall minimize the size of the working face to minimize leachate, and unnecessary use of cover material.

New 09/24/93

48. The permittee shall remove the temporary liner utilized for stormwater drainage as each lift of solid waste from east to west in Phase I is completed. The liner is indicated on plans "Citrus County Central Landfill Stormwater Drainage and Leachate Separation Construction Plans for 80 acre site Phase I certified by Michael D. Moore and submitted to FDEP on February 1, 1993.

New 09/24/93

49. The capacity of the Zimpro PACT plant shall be limited to daily capacity per operation manual dated March 1990.

New 09/24/93

50. A zone of discharge shall be established at a distance of 30 feet or less from the edge of the percolation pond that receives the leachate treatment plant discharge waters. The solid waste disposal units have a zone of discharge located a maximum of 100 feet from the edge of these units, and described in Specific Conditions No. 24, 28 and 29. The permittee shall ensure that the minimum criteria for groundwater specified in Section 17-3.402 shall not be violated within this zone of discharge, and that the water quality standards specified in Section 17-520.420 are not exceeded outside the percolation pond's zone of discharge.

New 09/24/93

51. A groundwater monitoring plan to monitor the percolation pond's zone of discharge in accordance with Section 17-522.600, F.A.C. shall be submitted to the Solid Waste Section of the Southwest District of the Department by **August 1, 1993**. The monitoring well network shall be installed within three (3) months of plan approval.

In order to assure compliance with the water quality analysis, should unacceptable exceedances for discharged leachate occur, the Department may require other methods of disposal for leachate including a lined impoundment or hauling to a waste treatment facility.

New 09/24/93

SPECIFIC CONDITIONS:

52. Monitoring well MW-1 shall be replaced in accordance with the proposed well construction details submitted March 10, 1994 by Citrus County Division of Solid Waste Management. Existing well MW-1 shall be abandoned as stated in Specific Condition No. 26, and new well (MW-1(R)) information shall be submitted as stated in Specific Condition Nos. 19, 21 and 22.

New 3/31/94 .

53. Leachate shall be sampled at the influent to the leachate treatment plant and analyzed **semi-annually** for the following parameters.

FIELD PARAMETERS

Specific Conductivity
pH
Dissolved Oxygen
Colors, sheens
(by observation)

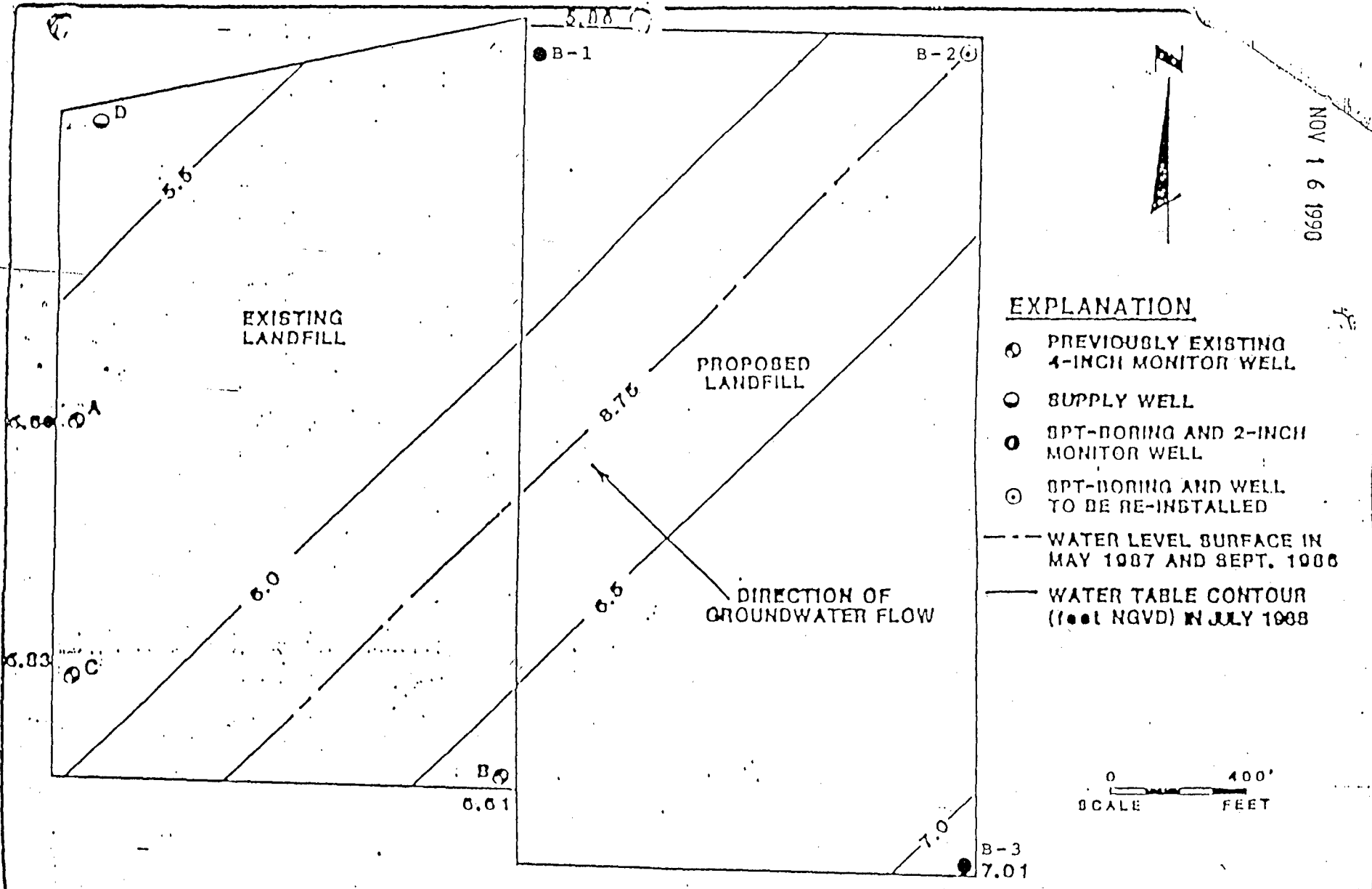
LABORATORY PARAMETERS

Total ammonia - N
Bicarbonate
Chlorides
Iron
Mercury
Nitrate
Sodium
Total Dissolved Solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix I

Leachate shall be sampled **annually** for those parameters listed in 40 CFR Part 258, Appendix II.

New AUG 22 1994

NOV 16 1990



POST, BUCKLEY, SCHUH & JERNIGAN, INC.

**CITRUS COUNTY LANDFILL SITE MAP
 SHOWING WELL LOCATIONS AND WATER LEVEL CONTOURS**

FIGURE 5