

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

JUN 13 1996

NOTICE OF PERMIT

Hardee County Board of County Commissioners
Mr. J.R. Prestridge, Assistant County Manager
412 West Orange St.
Wauchula, Florida 33873-2867

RE: Modification Number 286397 to existing operation
Permit No. **S025-214306**, Hardee County
Hardee County Solid Waste Disposal Facility

Dear Mr. Prestridge:

Attached is modified permit number **S025-214306**, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number **286397**:

<u>SPECIFIC CONDITIONS</u>	<u>FROM</u>	<u>TO</u>	<u>TYPE OF MODIFICATION</u>
#53.	----	New	Leachate/Stormwater Management Plan, Revised Sequence of Filling

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

A person whose substantial interests are affected by this modification of permit 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 Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400, within fourteen (14) days of receipt 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 fourteen (14) days shall constitute a waiver of any right such person has to an administrative determination (hearing) pursuant to 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 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 warrant 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.

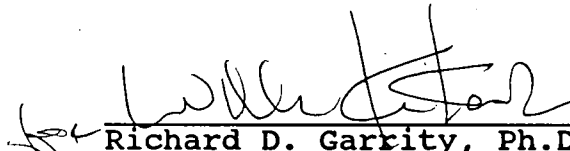
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard 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.

This modified permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or 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 62-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this transfer of permit will not be effective until further Order of the Department.

When the Order is final, any party to the Order 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


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

RDG/sjp

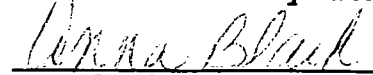
Attachment

cc: Janice Williamson, Hardee County, PO Box 246, Wauchula, Fl. 33873
C. Edward Hilton, P.E., PBSJ, 1560 Orange Ave., Ste. 700, Winter Park,
Fl. 32789
Kathy Anderson, FDEP Tallahassee
Fred Wick, FDEP Tallahassee
Doug Beason, OGC Tallahassee
Robert Butera, P.E., FDEP Tampa
Steve Morgan, Permit Notebook, FDEP Tampa

CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on JUN 13 1996 to the listed persons.
(date stamp)

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


Clerk

JUN 13 1996
Date



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE

Hardee County Board of
County Commissioners
Mr. James Harrison
Chairman
412 West Orange Street
Wauchula, FL 33873-2867

PERMIT/CERTIFICATION

GMS ID No: 4025C30001
Permit No: SO25-214306
Date of Issue: 11/29/93
Expiration Date 6/10/97
County: Hardee
Lat/Long: 27°34'10"
81°47'01"
Sec/Town/Rge: 35/33S/25E
Project: Hardee County
Solid Waste
Disposal Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-160, 62-522, 62-550, 62-701, and 62-711. 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 the department and made a part hereof and specifically described as follows:

To operate a solid waste Class I sanitary landfill and related facilities (approximately 95 acres), referred to as Hardee County Solid Waste Disposal Facility, subject to the specific conditions attached, disposing of solid waste, near Airport Road and S.R. 64A, northeast of Wauchula, Hardee County, Florida. The specific conditions attached are for the construction of:

1. Class I Landfill Disposal Facility
2. Construction and Demolition Debris Disposal Facility
3. Waste Tire Storage & Processing Facility

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action will be initiated.

This permit includes all previous modifications, dated 8-24-95.

Replaces Permit No.: SO25-096551

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.

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.

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, 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:
 - (a) Determination of Best Available Control Technology (BACT)
 - (b) Determination of Prevention of Significant Deterioration (PSD)
 - (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
 - (d) 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.
 - (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.

PERMITTEE: Hardee County BCC
Hardee County Solid Waste Disposal Facility

PERMIT no.: SO25-214306

GENERAL CONDITIONS:

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 the 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 includes operation of a Class I landfill, construction and demolition debris disposal facility, and waste tire storage and processing, and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-25, 62-522, 62-550 62-701, and 62-711, Florida Administrative Code. This permit is valid for operation of the Class I landfill and related facilities in accordance with the reports and other information, and the October 1993 plans submitted by Wade-Trim to the FDEP, and in accordance with all applicable requirements of Department rules. Site improvements approved as part of this permit shall be completed within **one hundred and eighty (180) days** after issuance of this permit. Any construction not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate.
2. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.
3. Within **sixty (60) days** after all specified construction has been completed and before use, the owner or operator shall submit to the Department a certification of construction completion, Form 62-701.900(2), signed and sealed by a professional engineer, and record drawings showing all modifications to verify conformance with the plans and specifications, and shall arrange for Department representatives to inspect the facility in the company of the permittee, the engineer, and the proposed facility operator. The new systems shall not be operated until the certification has been submitted and approved, all documentation required as a condition of the permit has been submitted, and a facility inspection by Department personnel has been conducted.
4. The prohibitions of the FAC Rule 62-701.300 shall not be violated.
5. Permits shall be renewed at least every five years. Applicants for permit renewal shall demonstrate how they will comply with any applicable new or revised laws or rules relating to construction, operation, or closure of landfills. Closure plans shall be updated at the time of permit renewal to reflect changes in closure design, long-term care requirements, and financial responsibility documentation. Facility information that was submitted to the Department to support the expiring permit, and which is still valid, does not need to be re-submitted for permit renewal. The permit renewal application shall list and reaffirm that the information is still valid.
6. A copy of the Department approved permit, revised construction drawings, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.

SPECIFIC CONDITIONS:

7. Landfills shall be designed, constructed, operated, maintained, closed, and monitored throughout its design period to control the movement of waste and waste constituents into the environment so that ground water and surface water quality standards and criteria of Chapters 62-3 and 62-302, F.A.C., will not be violated.
8. Landfills or solid waste disposal units shall not be located in the 100-year floodplain where it will restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain unless compensating storage is provided, or result in a washout of solid waste.
9. All landfills shall be designed so that solid waste disposal units will be constructed and subsequently closed at planned intervals throughout the design period of the landfill.
10. All solid waste disposed of in the Class I disposal 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. An intermediate cover of one (1) foot of compacted earth in addition to the six (6) inch initial cover shall be applied within seven (7) days of cell completion at all landfills if final cover or an additional lift is not to be applied within 180 days of cell completion. Top gradients of intermediate cover shall be designed to prevent ponding or low spots and minimize erosion. Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed in accordance with all appropriate requirements of Department rules.
11. The Construction and Demolition Debris (C & D Debris) disposal area shall be limited to those items identified in F.A.C. Rule 62-701.200(17). The permittee shall not allow the disposal of "Garbage" in the C&D debris disposal area. The C & D Debris disposal area shall be operated in accordance with FAC Rules 62-701.730 and 62-701.803. Solid waste other than construction and demolition debris accepted at the Construction and Demolition Debris disposal area, shall be segregated, and recycled or disposed of in accordance with Department rules.
12. Waste tires and processed tires at the waste tire area shall be stored in accordance with the waste tire site requirements in Rule 62-711.510, F.A.C.
13. Storage at the waste tire area is limited to 1000 waste tires. 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 area at the beginning of each calendar year must be removed for processing and disposal or recycling from the area during the year. An annual report summarizing these operations shall be submitted to the Department by March 1 of each year, pursuant to F.A.C. Rule 62-711.530(4).

SPECIFIC CONDITIONS:

14. This facility shall have at least one trained operator at the landfill during all times when the landfill receives waste. Trained operators are those who have satisfied the requirements of Chapter 62-703, F.A.C. All landfills shall have at least one spotter at each working face at all times when the landfill receives waste to detect unauthorized wastes. The owner or operator shall implement a load checking program to detect and discourage attempts to dispose of unauthorized wastes at the landfill. The load checking program shall consist of the minimum requirements specified in FDER Rule 62-701.500(6) which includes examining at least three random loads of solid waste received each week by the landfill operator.

15. The landfill owner or operator shall have an operational plan that provides written, detailed instructions for the daily operation of the landfill. The operation plan shall be kept at or near the landfill facility and shall be accessible to landfill operators. The operation plan shall be revised if operational procedures change. The plan shall include procedures for all the items listed in FDER Rule 62-701.500(2). A schedule for routine maintenance of the leachate collection and removal system shall be established to ensure operation of the system. The maintenance schedule shall be a part of the facility operation plan. Operating records shall be maintained as required by FDER Rule 62-701.500(3).

16. The owner or operator of the facility shall weigh all solid waste as it is received. Landfill operators shall record, in tons per day, the amount of solid waste received and shall estimate the amount of wastes listed in FDER Rule 62-701.500(4)(b). Waste reports shall be compiled monthly, and copies shall be submitted to the Department **quarterly**.

17. The landfill operator is responsible for leachate level monitoring, sampling, analysis of the landfill leachate, and for providing copies of the leachate analysis to the Department. The landfill operator shall have a prepared contingency plan to handle leachate collection, removal, and treatment problems such as those caused by interruptions of discharges to a treatment plant. Quantities of leachate collected by the leachate collection and removal system shall be recorded in gallons per day before on-site treatment or transport off-site. A rain gauge shall be installed, operated, and maintained to record daily precipitation at the landfill. All rain amounts greater than one tenth of an inch shall be recorded. Daily volumes of leachate pumped from the dewatering ditch will be recorded. Daily rainfall and leachate pump volume data will be submitted to the Department **monthly**. Complete yearly leachate/water balance data to demonstrate continuous compliance with Department rules shall be submitted to the Department **annually**.

SPECIFIC CONDITIONS:

18. The operating authority shall be responsible for the control of odors and fugitive particulates arising from this operation. Such control shall minimize the creation of these nuisance conditions on nearby property. Complaints received from the general public and confirmed by Department personnel upon site inspection shall constitute a nuisance condition and the permittee must take immediate corrective action to abate the nuisance.

19. Landfills that receive biodegradable wastes shall have a gas monitoring and control system designed to prevent explosions and fires, and to minimize off-site odors and damage to vegetation. The owners or operators shall implement a routine gas monitoring program to ensure that the standards of FDER Rule 62-701.400(10) are met. All monitoring points shall be sampled and the results reported to the Department **quarterly**. If methane gas levels exceed the lower explosive limits specified in FDER Rule 62-701.400(10)(a), the owner or operator shall:

- a. Immediately take all necessary steps to ensure protection of human health and notify the Department;
- b. Within 7 days of detection, submit to the Department for approval a remediation plan for the methane gas releases. The plan shall describe the nature and extent of the problem and the proposed remedy. The remedy shall be completed within 60 days of detection unless otherwise approved by the Department.

20. The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a solid waste identified by the Department as a hazardous waste in Chapter 62-730, Florida Administrative Code. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

21. The disposal or control of any "special wastes" at the site shall be in accordance with FAC Rules 62-701.300 and 62-701.520, and any other applicable Department rules, to protect the public safety, health and welfare. "Special Wastes" means solid wastes that can require special handling and management, including but not limited to white goods, waste tires, used oil, mattresses, furniture, lead-acid batteries, asbestos, and biological wastes.

22. The permittee shall maintain a program which prohibits the disposal of bulk industrial wastes which operation personnel reasonably believe to either be or contain hazardous waste, without first obtaining a chemical analysis of the material showing the waste to be non-hazardous. The chemical analysis of any such material so placed in the landfill, along with the customers name and date of disposal, shall be kept on file by the permittee on-site.

SPECIFIC CONDITIONS:

23. Open burning of solid waste is prohibited except in accordance with Rule 62-701.520(2), F.A.C. Controlled burning of solid waste is prohibited at this site except for clean vegetative and wood wastes which may be burned in a permitted air curtain incinerator in accordance with Rule 62-2.500(1)(e), F.A.C. Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department of Environmental Protection.

24. All solid waste, recovered materials or residues handled at the facility shall be stored in a manner so as not to constitute a fire or safety hazard or a sanitary nuisance, and shall comply with all applicable local and state regulations. Recovered resources resulting from the facility and which may be offered for sale shall comply with applicable regulations of all appropriate state agencies.

25. Yard trash that is delivered to the site of the yard trash mulching area shall be processed within one hundred and eight (180) days and removed for disposal or recycling from the area within twelve (12) months of date delivered. A report summarizing these operations shall be submitted **annually** by March 1 of each year to the Solid Waste Section, Southwest District Office. Quarterly reports of yard waste are also acceptable to the Department.

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

27. The permittee shall properly maintain the site. This includes erosion control, maintenance of grass cover, and prevention of ponding, leachate control system maintenance, and gas venting system repairs.

28. In the event of damage to any portion of the landfill site facilities regulated by this permit or failure of any portion of the landfill systems, the permittee shall **immediately** (within 24 hours) notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department within **seven (7) days** following the occurrence.

29. A trained supervisor or foreman shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed to adequately operate the facility in compliance with this permit.

30. The site shall continue to have a surface water management system designed, constructed, operated, and maintained to prevent surface water from running on to waste filled areas, and a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Chapter 62-25, F.A.C., and the requirements for management and storage of surface water in accordance with Chapter 373, F.S.

SPECIFIC CONDITIONS:

31. Stormwater management systems shall be designed to avoid mixing of stormwater with leachate. Stormwater or other surface water which comes into contact with the landfilled solid waste or mixes with leachate shall be considered leachate.

32. To prevent unauthorized waste disposal, access to and use of the facility shall be controlled by fencing, gates, or other barriers, as well as signs and facility personnel.

33. In addition to records and reporting required, the landfill owner or operator shall keep records of all information used to develop or support the permit applications and any supplemental information pertaining to construction of the landfill throughout the design period. Records pertaining to the operation of the landfill shall be kept for the design period of the landfill. Records of all monitoring information, including calibration and maintenance records, all original chart recordings for continuous monitoring instrumentation, and copies of all reports required by permit, shall be kept for at least ten years. Background water quality records shall be kept for the design period of the landfill.

34. Within **ninety (90) days** after issuance of this permit, the water quality monitoring system shall be installed in accordance with the Wade-Trim/Mevers & Associates Water Quality & Leachate Monitoring Plan dated July 21, 1993. All sampling and analysis activities shall be performed by organizations that have Comprehensive Quality Assurance Plans approved in accordance with Rule 62-160.300(8), F.A.C.

35. The groundwater monitoring wells are located as per 3/25/87 submittal, as follows:

<u>Well</u> <u>Number</u>	<u>Aquifer</u>	<u>Location</u>
MW-1	Surficial	As per Permit Figure 1
MW-2	Surficial	As per Permit Figure 1
MW-3	Surficial	As per Permit Figure 1
MW-4	Surficial (background)	As per Permit Figure 1
MW-5	Surficial	As per Permit Figure 1
MW-6	Surficial	As per Permit Figure 1
MW-7	Surficial	As per Permit Figure 1

All wells are to be clearly labeled and easily visible at all times. All wells are considered to be detection wells, with the exception of the background well, MW-4.

Water levels shall be measured quarterly in all site piezometers, P1 through P14, for evaluation of the leachate/groundwater elevations in the landfill and leachate sprayfield. The locations of these piezometers are on Wade-Trim's August 2, 1993 Improvement Site Plan, Sheet 4 of 6. A reduced portion of this plan is presented as Figure 2 of this permit.

SPECIFIC CONDITIONS:

36. Pursuant to F.A.C. Rule 62-522.410, the zone of discharge shall extend horizontally to the property line or one hundred (100) feet beyond the waste management area, whichever is less, and vertically to the base of the surficial aquifer. 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 Rules 62-520.400 and 62-520.420, F.A.C.

37. Leachate shall be sampled from the leachate collection system prior to entering the dewatering ditch and analyzed **every 6 months** for the indicator parameters listed as follows:

Leachate indicator parameters:

<u>Field parameters</u>	<u>Laboratory parameters</u>
Specific conductivity	Total Ammonia - N
pH	Bicarbonate
Dissolved oxygen	Chlorides
Colors, sheens	Iron
	Mercury
	Nitrate
	Sodium
	Total dissolved solids (TDS)
	Those parameters listed in
	40 CFR Part 258, Appendix I

In addition, leachate shall be sampled and analyzed **annually** for the parameters listed in 40 CFR Part 258, Appendix II. For landfills which are receiving waste, if this annual analysis indicates that a contaminant listed in 40 CFR 261.24 exceeds the regulatory level listed therein, the permittee shall initiate a monthly sampling and analysis program. If in any three consecutive months the same listed contaminant exceeds the regulatory level, the permittee shall, within 90 days, initiate a program designed to identify the source and reduce the presence of the contaminant in the leachate so that it no longer exceeds the regulatory level. This program may include additional monitoring of waste received and additional up-front separation of waste materials. Any leachate which is not recirculated or taken to a permitted domestic wastewater treatment facility shall be treated or managed so that no contaminant exceeds the regulatory level. If in any three consecutive months no listed contaminant is found to exceed the regulatory level, the permittee may discontinue the monthly sampling and analysis and return to a routine sampling schedule.
Amended 08-24-95.

SPECIFIC CONDITIONS:

38. All piezometers listed in Specific Condition #36 shall be constructed in accordance with the construction procedures of the July 21, 1993 Water Quality & Leachate Monitoring Plan submitted July 21, 1993 to the Department, and in accordance with best geological practices. In addition, all piezometers shall have an impermeable barrier at or near ground surface to prevent surface water infiltration to the piezometer. Within **ninety (90) days** after piezometer installation, the following information shall be submitted to the Solid Waste Section of the Southwest District Office of the Department:

Piezometer identification	Lithologic Log
Latitude/Longitude	Total depth of piezometer
Screen Type and slot size	Casing diameter
Screen length	Casing type and length
Piezometer seal type and thickness	
Elevation at top of piezometer	
Elevation at land surface	

39. Within **ninety (90) days** after piezometer installation, a surveyed drawing shall be submitted showing the location of all monitor wells (active and abandoned) and piezometers in degrees, minutes and seconds of latitude and longitude, and the elevation of the top of the well casing to the nearest .01 foot, National Geodetic Vertical Datum. All surface water monitoring stations shall be surveyed in degrees, minutes and seconds of latitude and longitude. The surveyed drawing shall include the monitor well and piezometer 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 registered Florida land surveyor.

40. All field and laboratory work done in connection with groundwater monitoring shall be conducted by a firm possessing a Generic Quality Assurance Plan or a Comprehensive Quality Assurance Plan approved by the Department in accordance with Chapter 62-160, F.A.C. The Quality Assurance Plan must specifically address the sampling and analytical work that is required by the permit. Documentation of an approved Quality Assurance Plan shall be submitted to the Department **annually** with the 1st quarterly groundwater sampling report for each year. Documentation shall include the completed signature page and the table of contents of the approved plan. The approved Quality Assurance Plan shall be followed by all persons collecting or analyzing samples related to this permit.

SPECIFIC CONDITIONS:

41. All detection wells and background wells shall be sampled and analyzed **every 6 months** for the ground water indicator parameters listed in 62-701.510(8)(a) as follows:

Ground water indicator parameters:

Field parameters	Laboratory parameters
Static water level in wells	Total Ammonia - N
before purging	Chlorides
Specific conductivity	Iron
pH	Mercury
Dissolved oxygen	Nitrate
Turbidity	Sodium
Colors, sheens	Total dissolved solids (TDS)
Temperature	Those parameters listed in
	40 CFR Part 258, Appendix I

Compliance with groundwater standards and/or criteria shall be determined by analysis of unfiltered groundwater samples. Additional samples, wells, and parameters may be required based upon subsequent analysis.

Amended 08-24-95.

42. In accordance with 62-701.510(7), if at any time background groundwater standards are exceeded in the detection wells, the permittee has **fifteen (15) days** after the sampling data is received 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. If the exceedance of groundwater standards in the detection wells is confirmed, then assessment monitoring shall be initiated as detailed in 62-701.510(7).

43. If any monitoring well becomes damaged or inoperable, the permittee shall notify the Department of Environmental Protection **immediately** (within 24 hours). 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 and may require a permit modification.

44. 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 62-4.246 and 62-3.401, F.A.C. Approved methods are published by the Department or as published in Standards Methods, A.S.T.M., or EPA methods shall be used. Approved methods for chemical analyses are summarized in the Federal Register, 40 CFR Part 136.

SPECIFIC CONDITIONS:

45. All water quality monitoring analyses shall be reported on the Department Quarterly Report on Groundwater Monitoring Form 62-522.900(2). The permittee shall submit to the Department the results of the water quality analysis, **by July 15th and January 15th for the semi-annually 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 33619-8313. In addition to the completed reporting form and analytical sheets, the report shall include a water table contour map for the date of the sampling event and a summary of all groundwater standard exceedances, as required by FAC 62-701.510(9)(a).
Amended 08-24-95.

46. **Every two years** and prior to **ninety (90) days before the expiration** of the Department Permit, the permittee shall submit an evaluation of the Groundwater Monitoring Plan as per F.A.C. Rule 62-701.510(9)(b). The evaluation shall include all applicable information as required by F.A.C. Rule 62-701.510(9), and shall include an assessment of the effectiveness of the existing landfill design and operation as related to the prevention of groundwater contamination. Any groundwater contamination that may exist, shall be addressed as part of a groundwater investigation for the landfill assessment. The Groundwater Monitoring Plan shall be adequate to monitor any modifications to the existing landfill site including but not limited to closure.
Amended 08-24-95.

47. The permittee shall provide financial assurance for this landfill site in accordance with F.A.C. Rule 62-701.630. All cost estimates for closure and long-term care shall be adjusted and submitted **annually** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318. Proof that the financial assurance has been funded adequately shall be submitted **annually** to the FDEP District Office and to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

48. 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.

49. A closure permit application shall be required **ninety (90) days** prior to final acceptance of waste for each landfill portion of the site. The final cover shall be placed over the entire surface of each completed portion of the filled areas within **one hundred and eighty (180) days** after final waste deposit date for each area.

PERMITTEE: Hardee County BCC
Hardee County Solid Waste Disposal Facility

PERMIT NO.: SO25-214306

SPECIFIC CONDITIONS:

50. Prior to **90 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.

51. 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.

52. By acceptance of this Permit, the permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

53. This permit is valid for the revised method and sequence of filling and leachate/stormwater management plan in accordance with the following information submitted by Post, Buckley Schuh & Jernigan, Inc. (PBSJ):

Information dated February 22, 1996 (received February 28, 1996);

Information dated April 3, 1996 (received April 5, 1996);

"Proposed Stormwater Design Final Buildout and Details," Sheet 1 received April 5, 1996;

"Proposed Stormwater Design Operational Sequencing Plan," Sheet 2 received April 5, 1996; and

"Depth of Cover Field Investigation," Sheet 3, received February 28, 1996.

a. This plan shall be implemented **within 30 days** of receipt of this permit modification.

b. The silt screens shall be checked each work day and cleaned or replaced as necessary to promote adequate stormwater drainage.

New **JUN 13 1996**.

PERMITTEE: Hardee County BCC
Hardee County Solid Waste Disposal Facility

PERMIT NO.: SO25-214306

Attachment 1

PERMITTEE: HARDEE COUNTY BOARD OF COUNTY COMMISSIONERS
HARDEE COUNTY SOLID WASTE DISPOSAL FACILITY
PERMIT NO.: SO25-214306

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
1.	180 days after issuance of permit	Site improvements completed
3.	60 days following construction	Certification and record drawings
13.	March 1/Annually	Waste tire report
16.	Quarterly	Waste quantity report
17.	Monthly	Rainfall and leachate volume data
17.	Annually	Leachate/water balance data
19.	Quarterly	Gas monitoring results
25.	Annually	Yard trash report
34.	90 days after issuance of permit	Water quality monitoring system installed
37.	Quarterly	Leachate sampled/analyzed
38.	90 days after installation	Piezometer construction data
39.	90 days after installation	Survey of wells and piezometers
40.	Annually with January 15th analysis results	Documentation of QA plan approval
41.	Every 6 months	Wells sampled/analyzed
45.	Each January 15th and July 15th	Analysis results
46.	March 1997	Evaluation of GWM Plan

PERMITTEE: Hardee County BCC

PERMIT NO.: SO25-214306

Hardee County Solid Waste Disposal Facility

ATTACHMENT 1 cont'd

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
47.	Annually	Updated cost estimates for closure and long-term care
47.	Annually	Proof of funding for financial assurance
49.	90 days prior to final acceptance of waste	Closure Permit Application
50.	90 days prior to permit expiration	Apply for permit renewal
53.a.	30 days after receipt of modification	Implement leachate/stormwater management plan

Permit Figure 1.

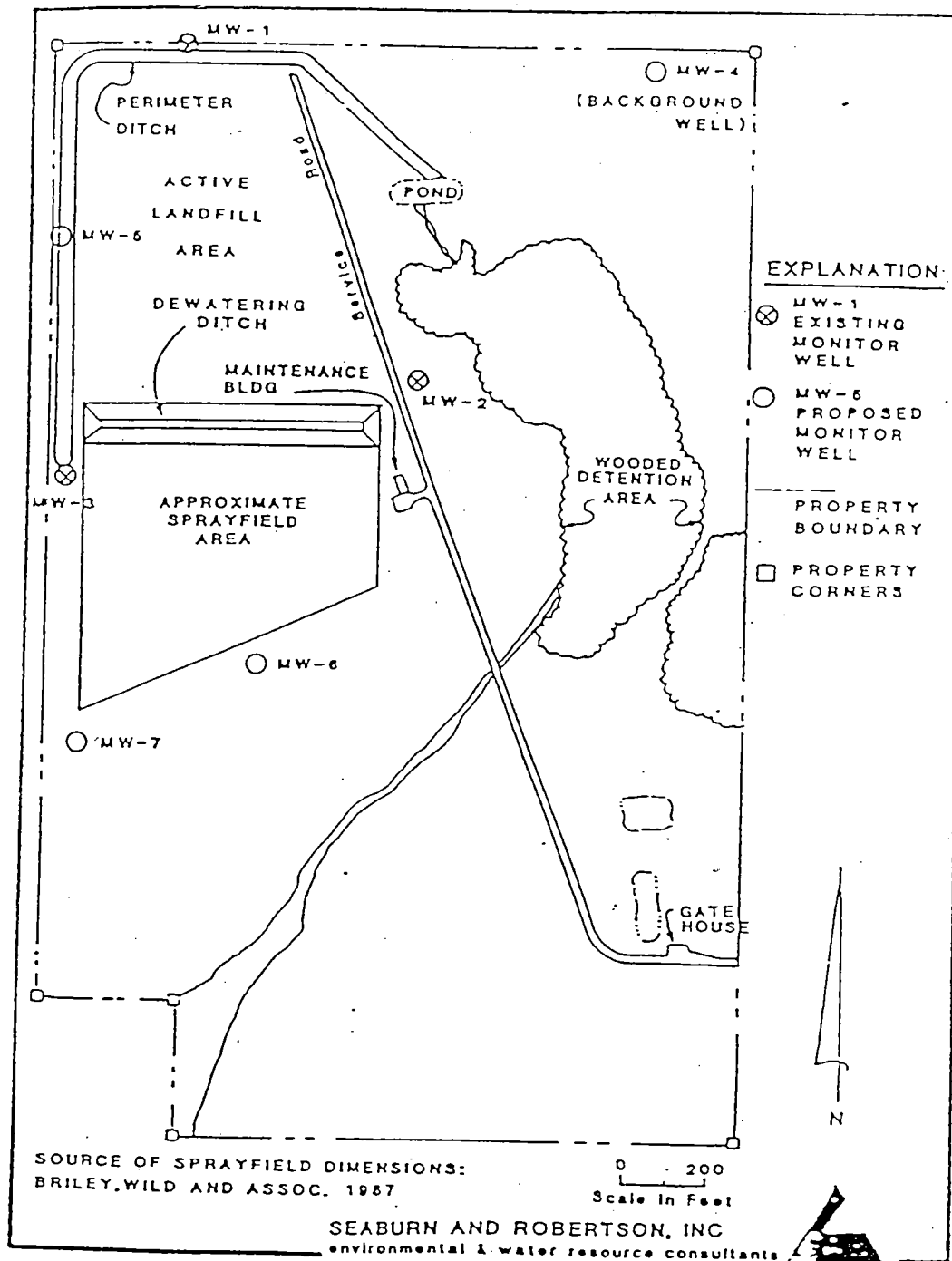


FIGURE 1.- LOCATION OF MONITOR WELLS.

permit file

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 12/10/96

Subject gas monitoring-Hardee LF

Time 3:00

Permit No. _____

County Hardee

M Janice Williamson

Telephone No. 941/773-5089

Representing Hardee Co Solid Waste

☐ Phoned Me ☒ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting

Called to let her know that we are
missing the gas monitoring results
that were due 10/13/96. She will look
for the results & send them to me.
4th quarter gas monitoring was just
conducted in November.

(continue on another
sheet, if necessary)

Signature A Amman

Title PGI



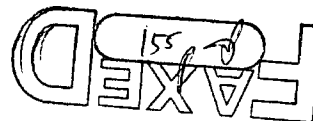
Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

FAX TRANSMITTAL SHEET



9/16/96
Date

TO: JANICE

Phone: _____

Fax: 941-773-3907

FROM: SUSAN

Phone: (813) 744-6100 ext 386

Fax: (813) 744-6125

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET 2

SUBJECT: Biomedical Waste Sharps Collection
Program General Permit Form 62-712.900(3)

Transmit Confirmation Report

No. : 006
Receiver : 819417733907
Transmitter : WASTE MGT TAMPA SWDIST
Date : Sep 16 96 13:54
Time : 03'00
Mode : Fine
Pages : 02
Result : OK

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 8/20/96

Subject Hardee LE monitoring

Time 1:50

Permit No. _____

County Hardee

M Bruce Cummings

Telephone No. 800/833-4022

Representing Short Environmental

☐ Phoned Me ☒ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

Sampled in June (leachate, gw, gas)
Results are on his desk - he will
send them tomorrow. He will include
the gas results from March 1996
sampling.

pH is higher than ~~the~~ measured in Dec '95
(was ~~3.5~~ in 3.5-4.5 range) Low TDS --
low buffering capability. Leachate TDS ~280mg/l.

(continue on another
sheet, if necessary)

Signature A. Amman

Title PGI

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
SOUTHWEST DISTRICT

permit file

SP # 6/20

RB RS

CONVERSATION RECORD

Date 6/20/96

Subject Hardee LF - proposed 4th wall
liner construction

Time 10:15

Permit No. _____

County Hardee

M Ed Hilton

Telephone No. _____

Representing PBS + J

☒ Phoned Me [] Was Called [] Scheduled Meeting [] Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

Putting together a proposal to line the 4th side-
once County has approved plan, they will want
to meet w/ DEP (pre-app mtg)
Want to combine SO modification w/ proposed
liner construction - I told him to check w/
Susan - would probably be ok as long as
the application clearly states that 2 permits
are applied for - SC + SO renewal.

Will have to modify the GWMP when 4th side of
liner installed

(continue on another
sheet, if necessary)

Signature A Amman

Title PGI

Susan

I suggest we discuss with
R.T. - single or double
liner?

Bob

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DISTRICT ROUTING SLIP

To: Kathy Anderson DATE: 6/18/96
Solid Waste - TAL

PENSACOLA NORTHWEST DISTRICT	
Panama City	Northwest District Branch Office
Tallahassee	Northwest District Branch Office
Sopchoppy	Northwest District Satellite Office
TAMPA SOUTHWEST DISTRICT	
Punta Gorda	Southwest District Branch Office
Bartow	Southwest District Satellite Office
ORLANDO CENTRAL DISTRICT	
Melbourne	Central District Satellite Office
JACKSONVILLE NORTHEAST DISTRICT	
Gainesville	Northeast District Branch Office
FORT MYERS SOUTH DISTRICT	
Marathon	South District Branch Office
WEST PALM BEACH SOUTHEAST DISTRICT	
Port St. Lucie	Southeast District Branch Office

☐ Reply Optional

☐ Date Due

☐ Reply Required

☐ Date Due

☐ Info Only

Comments:

Handee Co LF permit

5025-214306

(as modified)

*3 drawings
1 letter*

From:

Susan Pelz

Tel:

SC 542-6100 x 386

08-18-93

of
rotection

JUN 13 1996

Virgini
S

ers
nager

ng operation
y
acility

025-214306, issued
Statutes. The
modification number

PE OF MODIFICATION

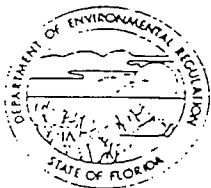
achate/stormwater
nagement Plan, Revised
quence of Filling

stitute a complete permit
modifications for the

re affected by this
administrative
tion 120.57, Florida
formation set forth
partment's Office of
lahassee, 32399-2400,
notice. Petitioner
licant at the address
ure to file a

constitute a waiver of
administrative determination
Florida Statutes.

such person has to an administrative determination
(hearing) pursuant to Section 120.57, Florida Statutes.



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

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

Interoffice Memorandum

PERMIT COVER MEMO

TO: W RICK GARRITY, DDM
X WILLIAM KUTASH, ENV. ADM.
OGC, ATTN: _____

FROM/THROUGH:

_____, ENVIRONMENTAL ADMINISTRATOR
_____, PROGRAM SUPERVISOR
Robert Baker PE 6/13/96, SECTION SUPERVISOR
S. S. S. PE, I.E.E. 6/12/96, ENG, ENV SPEC, GEOLOGIST

DATE: 6/12/96

Mod # 286397

FILE NAME: Hardee Co Landfill
PROGRAM: Solid Waste

PERMIT#: 5025-214306
COUNTY: Hardee

TYPE OF PERMIT ACTION: X ISSUE _____ DENY X MODIFY
_____ TRANSFER OWNER _____ NOD _____ INTENT _____ PUBLIC NOTICE

PUBLIC NOTICE PERIOD CLOSED?
PETITION? _____

RELEASED BY OGC? _____

PERMIT SUMMARY: This modification allows improved stormwater
& leachate mgmt at the facility. Revised sequence
of fill & placement of temporary cover should
improve leachate management.

PROFESSIONAL RECOMMENDATION: X APPROVE _____ DENY

EVALUATION SUMMARY: I recommend approval based on
information submitted.

DAY 90/30 FOR THIS ACTION IS

ASAP by 6/18/96

P 378 180 586

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

PS Form 3800 April 1995

Sent to: <i>Hardee County, Fla.</i>	
Street & Number <i>J. K. Priestridge</i>	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date <i>6-13-96</i>	

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Hardee County BC
J. K. Priestridge
412 W. Orange St.
Waycross, FL 32873-2867

4a. Article Number

P 378 180 586

4b. Service Type

- | | |
|--------------------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Registered | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Insured |
| <input checked="" type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD |

7. Date of Delivery

6-17-96

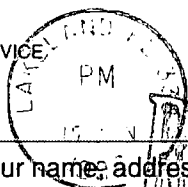
5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X J. K. Priestridge

8. Addressee's Address (Only if requested and fee is paid)

UNITED STATES POSTAL SERVICE



First-Class Mail™
Postage & Fees Paid
USPS
Permit No. G-10

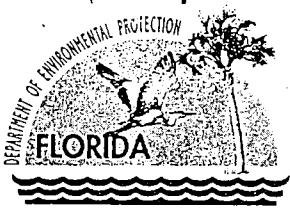
• Print your name, address, and ZIP Code in this box •

JUN 17 1996

Department of Environmental Protection
State of Florida
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Susan Feltz
Solid Waste Program





Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

JUN 13 1996

NOTICE OF PERMIT

Hardee County Board of County Commissioners
Mr. J.R. Prestridge, Assistant County Manager
412 West Orange St.
Wauchula, Florida 33873-2867

RE: Modification Number 286397 to existing operation
Permit No. **8025-214306**, Hardee County
Hardee County Solid Waste Disposal Facility

Dear Mr. Prestridge:

Attached is modified permit number **8025-214306**, issued pursuant to Section(s) 403.087(1), Florida Statutes. The following Conditions have been revised in modification number 286397:

<u>SPECIFIC CONDITIONS</u>	<u>FROM</u>	<u>TO</u>	<u>TYPE OF MODIFICATION</u>
#53.	----	New	Leachate/Stormwater Management Plan, Revised Sequence of Filling

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

A person whose substantial interests are affected by this modification of permit 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 Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400, within fourteen (14) days of receipt 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 fourteen (14) days shall constitute a waiver of any right such person has to an administrative determination (hearing) pursuant to 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 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 warrant 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.

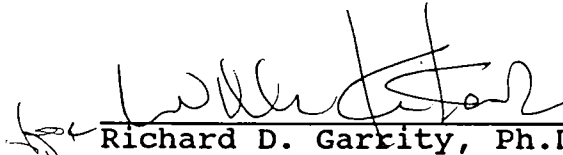
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard 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.

This modified permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or 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 62-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this transfer of permit will not be effective until further Order of the Department.

When the Order is final, any party to the Order 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


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

RDG/sjp

Attachment

cc: Janice Williamson, Hardee County, PO Box 246, Wauchula, Fl. 33873
C. Edward Hilton, P.E., PBSJ, 1560 Orange Ave., Ste. 700, Winter Park,
Fl. 32789
Kathy Anderson, FDEP Tallahassee
Fred Wick, FDEP Tallahassee
Doug Beason, OGC Tallahassee
Robert Butera, P.E., FDEP Tampa
Steve Morgan, Permit Notebook, FDEP Tampa

CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on JUN 13 1996 to the listed persons.
(date stamp)

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


Clerk

JUN 13 1996
Date



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE

Hardee County Board of
County Commissioners
Mr. James Harrison
Chairman
412 West Orange Street
Wauchula, FL 33873-2867

PERMIT/CERTIFICATION

GMS ID No: 4025C30001
Permit No: S025-214306
Date of Issue: 11/29/93
Expiration Date 6/10/97
County: Hardee
Lat/Long: 27°34'10"
81°47'01"
Sec/Town/Rge: 35/33S/25E
Project: Hardee County
Solid Waste
Disposal Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-3, 62-4, 62-25, 62-160, 62-522, 62-550, 62-701, and 62-711. 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 the department and made a part hereof and specifically described as follows:

To operate a solid waste Class I sanitary landfill and related facilities (approximately 95 acres), referred to as Hardee County Solid Waste Disposal Facility, subject to the specific conditions attached, disposing of solid waste, near Airport Road and S.R. 64A, northeast of Wauchula, Hardee County, Florida. The specific conditions attached are for the construction of:

1. Class I Landfill Disposal Facility
2. Construction and Demolition Debris Disposal Facility
3. Waste Tire Storage & Processing Facility

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action will be initiated.

This permit includes all previous modifications, dated 8-24-95.

Replaces Permit No.: S025-096551

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.

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.

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, 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:
 - (a) Determination of Best Available Control Technology (BACT)
 - (b) Determination of Prevention of Significant Deterioration (PSD)
 - (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
 - (d) 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.
 - (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.

PERMITTEE: Hardee County BCC
Hardee County Solid Waste Disposal Facility

PERMIT no.: SO25-214306

GENERAL CONDITIONS:

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 the 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 includes operation of a Class I landfill, construction and demolition debris disposal facility, and waste tire storage and processing, and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-25, 62-522, 62-550 62-701, and 62-711, Florida Administrative Code. This permit is valid for operation of the Class I landfill and related facilities in accordance with the reports and other information, and the October 1993 plans submitted by Wade-Trim to the FDEP, and in accordance with all applicable requirements of Department rules. Site improvements approved as part of this permit shall be completed within **one hundred and eighty (180) days** after issuance of this permit. Any construction not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate.
2. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.
3. Within **sixty (60) days** after all specified construction has been completed and before use, the owner or operator shall submit to the Department a certification of construction completion, Form 62-701.900(2), signed and sealed by a professional engineer, and record drawings showing all modifications to verify conformance with the plans and specifications, and shall arrange for Department representatives to inspect the facility in the company of the permittee, the engineer, and the proposed facility operator. The new systems shall not be operated until the certification has been submitted and approved, all documentation required as a condition of the permit has been submitted, and a facility inspection by Department personnel has been conducted.
4. The prohibitions of the FAC Rule 62-701.300 shall not be violated.
5. Permits shall be renewed at least every five years. Applicants for permit renewal shall demonstrate how they will comply with any applicable new or revised laws or rules relating to construction, operation, or closure of landfills. Closure plans shall be updated at the time of permit renewal to reflect changes in closure design, long-term care requirements, and financial responsibility documentation. Facility information that was submitted to the Department to support the expiring permit, and which is still valid, does not need to be re-submitted for permit renewal. The permit renewal application shall list and reaffirm that the information is still valid.
6. A copy of the Department approved permit, revised construction drawings, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.

SPECIFIC CONDITIONS:

7. Landfills shall be designed, constructed, operated, maintained, closed, and monitored throughout its design period to control the movement of waste and waste constituents into the environment so that ground water and surface water quality standards and criteria of Chapters 62-3 and 62-302, F.A.C., will not be violated.

8. Landfills or solid waste disposal units shall not be located in the 100-year floodplain where it will restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain unless compensating storage is provided, or result in a washout of solid waste.

9. All landfills shall be designed so that solid waste disposal units will be constructed and subsequently closed at planned intervals throughout the design period of the landfill.

10. All solid waste disposed of in the Class I disposal 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. An intermediate cover of one (1) foot of compacted earth in addition to the six (6) inch initial cover shall be applied within seven (7) days of cell completion at all landfills if final cover or an additional lift is not to be applied within 180 days of cell completion. Top gradients of intermediate cover shall be designed to prevent ponding or low spots and minimize erosion. Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed in accordance with all appropriate requirements of Department rules.

11. The Construction and Demolition Debris (C & D Debris) disposal area shall be limited to those items identified in F.A.C. Rule 62-701.200(17). The permittee shall not allow the disposal of "Garbage" in the C&D debris disposal area. The C & D Debris disposal area shall be operated in accordance with FAC Rules 62-701.730 and 62-701.803. Solid waste other than construction and demolition debris accepted at the Construction and Demolition Debris disposal area, shall be segregated, and recycled or disposed of in accordance with Department rules.

12. Waste tires and processed tires at the waste tire area shall be stored in accordance with the waste tire site requirements in Rule 62-711.510, F.A.C.

13. Storage at the waste tire area is limited to 1000 waste tires. 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 area at the beginning of each calendar year must be removed for processing and disposal or recycling from the area during the year. An annual report summarizing these operations shall be submitted to the Department by March 1 of each year, pursuant to F.A.C. Rule 62-711.530(4).

SPECIFIC CONDITIONS:

14. This facility shall have at least one trained operator at the landfill during all times when the landfill receives waste. Trained operators are those who have satisfied the requirements of Chapter 62-703, F.A.C. All landfills shall have at least one spotter at each working face at all times when the landfill receives waste to detect unauthorized wastes. The owner or operator shall implement a load checking program to detect and discourage attempts to dispose of unauthorized wastes at the landfill. The load checking program shall consist of the minimum requirements specified in FDER Rule 62-701.500(6) which includes examining at least three random loads of solid waste received each week by the landfill operator.

15. The landfill owner or operator shall have an operational plan that provides written, detailed instructions for the daily operation of the landfill. The operation plan shall be kept at or near the landfill facility and shall be accessible to landfill operators. The operation plan shall be revised if operational procedures change. The plan shall include procedures for all the items listed in FDER Rule 62-701.500(2). A schedule for routine maintenance of the leachate collection and removal system shall be established to ensure operation of the system. The maintenance schedule shall be a part of the facility operation plan. Operating records shall be maintained as required by FDER Rule 62-701.500(3).

16. The owner or operator of the facility shall weigh all solid waste as it is received. Landfill operators shall record, in tons per day, the amount of solid waste received and shall estimate the amount of wastes listed in FDER Rule 62-701.500(4)(b). Waste reports shall be compiled monthly, and copies shall be submitted to the Department **quarterly**.

17. The landfill operator is responsible for leachate level monitoring, sampling, analysis of the landfill leachate, and for providing copies of the leachate analysis to the Department. The landfill operator shall have a prepared contingency plan to handle leachate collection, removal, and treatment problems such as those caused by interruptions of discharges to a treatment plant. Quantities of leachate collected by the leachate collection and removal system shall be recorded in gallons per day before on-site treatment or transport off-site. A rain gauge shall be installed, operated, and maintained to record daily precipitation at the landfill. All rain amounts greater than one tenth of an inch shall be recorded. Daily volumes of leachate pumped from the dewatering ditch will be recorded. Daily rainfall and leachate pump volume data will be submitted to the Department **monthly**. Complete yearly leachate/water balance data to demonstrate continuous compliance with Department rules shall be submitted to the Department **annually**.

SPECIFIC CONDITIONS:

18. The operating authority shall be responsible for the control of odors and fugitive particulates arising from this operation. Such control shall minimize the creation of these nuisance conditions on nearby property. Complaints received from the general public and confirmed by Department personnel upon site inspection shall constitute a nuisance condition and the permittee must take immediate corrective action to abate the nuisance.

19. Landfills that receive biodegradable wastes shall have a gas monitoring and control system designed to prevent explosions and fires, and to minimize off-site odors and damage to vegetation. The owners or operators shall implement a routine gas monitoring program to ensure that the standards of FDER Rule 62-701.400(10) are met. All monitoring points shall be sampled and the results reported to the Department **quarterly**. If methane gas levels exceed the lower explosive limits specified in FDER Rule 62-701.400(10)(a), the owner or operator shall:

- a. Immediately take all necessary steps to ensure protection of human health and notify the Department;
- b. Within 7 days of detection, submit to the Department for approval a remediation plan for the methane gas releases. The plan shall describe the nature and extent of the problem and the proposed remedy. The remedy shall be completed within 60 days of detection unless otherwise approved by the Department.

20. The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a solid waste identified by the Department as a hazardous waste in Chapter 62-730, Florida Administrative Code. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

21. The disposal or control of any "special wastes" at the site shall be in accordance with FAC Rules 62-701.300 and 62-701.520, and any other applicable Department rules, to protect the public safety, health and welfare. "Special Wastes" means solid wastes that can require special handling and management, including but not limited to white goods, waste tires, used oil, mattresses, furniture, lead-acid batteries, asbestos, and biological wastes.

22. The permittee shall maintain a program which prohibits the disposal of bulk industrial wastes which operation personnel reasonably believe to either be or contain hazardous waste, without first obtaining a chemical analysis of the material showing the waste to be non-hazardous. The chemical analysis of any such material so placed in the landfill, along with the customers name and date of disposal, shall be kept on file by the permittee on-site.

SPECIFIC CONDITIONS:

23. Open burning of solid waste is prohibited except in accordance with Rule 62-701.520(2), F.A.C. Controlled burning of solid waste is prohibited at this site except for clean vegetative and wood wastes which may be burned in a permitted air curtain incinerator in accordance with Rule 62-2.500(1)(e), F.A.C. Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department of Environmental Protection.

24. All solid waste, recovered materials or residues handled at the facility shall be stored in a manner so as not to constitute a fire or safety hazard or a sanitary nuisance, and shall comply with all applicable local and state regulations. Recovered resources resulting from the facility and which may be offered for sale shall comply with applicable regulations of all appropriate state agencies.

25. Yard trash that is delivered to the site of the yard trash mulching area shall be processed within one hundred and eight (180) days and removed for disposal or recycling from the area within twelve (12) months of date delivered. A report summarizing these operations shall be submitted **annually** by March 1 of each year to the Solid Waste Section, Southwest District Office. Quarterly reports of yard waste are also acceptable to the Department.

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

27. The permittee shall properly maintain the site. This includes erosion control, maintenance of grass cover, and prevention of ponding, leachate control system maintenance, and gas venting system repairs.

28. In the event of damage to any portion of the landfill site facilities regulated by this permit or failure of any portion of the landfill systems, the permittee shall **immediately** (within 24 hours) notify the Department of Environmental Protection explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department within **seven (7) days** following the occurrence.

29. A trained supervisor or foreman shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed to adequately operate the facility in compliance with this permit.

30. The site shall continue to have a surface water management system designed, constructed, operated, and maintained to prevent surface water from running on to waste filled areas, and a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Chapter 62-25, F.A.C., and the requirements for management and storage of surface water in accordance with Chapter 373, F.S.

SPECIFIC CONDITIONS:

31. Stormwater management systems shall be designed to avoid mixing of stormwater with leachate. Stormwater or other surface water which comes into contact with the landfilled solid waste or mixes with leachate shall be considered leachate.

32. To prevent unauthorized waste disposal, access to and use of the facility shall be controlled by fencing, gates, or other barriers, as well as signs and facility personnel.

33. In addition to records and reporting required, the landfill owner or operator shall keep records of all information used to develop or support the permit applications and any supplemental information pertaining to construction of the landfill throughout the design period. Records pertaining to the operation of the landfill shall be kept for the design period of the landfill. Records of all monitoring information, including calibration and maintenance records, all original chart recordings for continuous monitoring instrumentation, and copies of all reports required by permit, shall be kept for at least ten years. Background water quality records shall be kept for the design period of the landfill.

34. Within **ninety (90) days** after issuance of this permit, the water quality monitoring system shall be installed in accordance with the Wade-Trim/Mevers & Associates Water Quality & Leachate Monitoring Plan dated July 21, 1993. All sampling and analysis activities shall be performed by organizations that have Comprehensive Quality Assurance Plans approved in accordance with Rule 62-160.300(8), F.A.C.

35. The groundwater monitoring wells are located as per 3/25/87 submittal, as follows:

<u>Well Number</u>	<u>Aquifer</u>	<u>Location</u>
MW-1	Surficial	As per Permit Figure 1
MW-2	Surficial	As per Permit Figure 1
MW-3	Surficial	As per Permit Figure 1
MW-4	Surficial (background)	As per Permit Figure 1
MW-5	Surficial	As per Permit Figure 1
MW-6	Surficial	As per Permit Figure 1
MW-7	Surficial	As per Permit Figure 1

All wells are to be clearly labeled and easily visible at all times. All wells are considered to be detection wells, with the exception of the background well, MW-4.

Water levels shall be measured quarterly in all site piezometers, P1 through P14, for evaluation of the leachate/groundwater elevations in the landfill and leachate sprayfield. The locations of these piezometers are on Wade-Trim's August 2, 1993 Improvement Site Plan, Sheet 4 of 6. A reduced portion of this plan is presented as Figure 2 of this permit.

SPECIFIC CONDITIONS:

36. Pursuant to F.A.C. Rule 62-522.410, the zone of discharge shall extend horizontally to the property line or one hundred (100) feet beyond the waste management area, whichever is less, and vertically to the base of the surficial aquifer. 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 Rules 62-520.400 and 62-520.420, F.A.C.

37. Leachate shall be sampled from the leachate collection system prior to entering the dewatering ditch and analyzed **every 6 months** for the indicator parameters listed as follows:

Leachate indicator parameters:

<u>Field parameters</u>	<u>Laboratory parameters</u>
Specific conductivity	Total Ammonia - N
pH	Bicarbonate
Dissolved oxygen	Chlorides
Colors, sheens	Iron
	Mercury
	Nitrate
	Sodium
	Total dissolved solids (TDS)
	Those parameters listed in
	40 CFR Part 258, Appendix I

In addition, leachate shall be sampled and analyzed **annually** for the parameters listed in 40 CFR Part 258, Appendix II. For landfills which are receiving waste, if this annual analysis indicates that a contaminant listed in 40 CFR 261.24 exceeds the regulatory level listed therein, the permittee shall initiate a monthly sampling and analysis program. If in any three consecutive months the same listed contaminant exceeds the regulatory level, the permittee shall, within 90 days, initiate a program designed to identify the source and reduce the presence of the contaminant in the leachate so that it no longer exceeds the regulatory level. This program may include additional monitoring of waste received and additional up-front separation of waste materials. Any leachate which is not recirculated or taken to a permitted domestic wastewater treatment facility shall be treated or managed so that no contaminant exceeds the regulatory level. If in any three consecutive months no listed contaminant is found to exceed the regulatory level, the permittee may discontinue the monthly sampling and analysis and return to a routine sampling schedule.

Amended 08-24-95.

SPECIFIC CONDITIONS:

38. All piezometers listed in Specific Condition #36 shall be constructed in accordance with the construction procedures of the July 21, 1993 Water Quality & Leachate Monitoring Plan submitted July 21, 1993 to the Department, and in accordance with best geological practices. In addition, all piezometers shall have an impermeable barrier at or near ground surface to prevent surface water infiltration to the piezometer. Within **ninety (90) days** after piezometer installation, the following information shall be submitted to the Solid Waste Section of the Southwest District Office of the Department:

Piezometer identification	Lithologic Log
Latitude/Longitude	Total depth of piezometer
Screen Type and slot size	Casing diameter
Screen length	Casing type and length
Piezometer seal type and thickness	
Elevation at top of piezometer	
Elevation at land surface	

39. Within **ninety (90) days** after piezometer installation, a surveyed drawing shall be submitted showing the location of all monitor wells (active and abandoned) and piezometers in degrees, minutes and seconds of latitude and longitude, and the elevation of the top of the well casing to the nearest .01 foot, National Geodetic Vertical Datum. All surface water monitoring stations shall be surveyed in degrees, minutes and seconds of latitude and longitude. The surveyed drawing shall include the monitor well and piezometer 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 registered Florida land surveyor.

40. All field and laboratory work done in connection with groundwater monitoring shall be conducted by a firm possessing a Generic Quality Assurance Plan or a Comprehensive Quality Assurance Plan approved by the Department in accordance with Chapter 62-160, F.A.C. The Quality Assurance Plan must specifically address the sampling and analytical work that is required by the permit. Documentation of an approved Quality Assurance Plan shall be submitted to the Department **annually** with the 1st quarterly groundwater sampling report for each year. Documentation shall include the completed signature page and the table of contents of the approved plan. The approved Quality Assurance Plan shall be followed by all persons collecting or analyzing samples related to this permit.

SPECIFIC CONDITIONS:

41. All detection wells and background wells shall be sampled and analyzed **every 6 months** for the ground water indicator parameters listed in 62-701.510(8)(a) as follows:

Ground water indicator parameters:

Field parameters	Laboratory parameters
Static water level in wells before purging	Total Ammonia - N
Specific conductivity	Chlorides
pH	Iron
Dissolved oxygen	Mercury
Turbidity	Nitrate
Colors, sheens	Sodium
Temperature	Total dissolved solids (TDS)
	Those parameters listed in 40 CFR Part 258, Appendix I

Compliance with groundwater standards and/or criteria shall be determined by analysis of unfiltered groundwater samples. Additional samples, wells, and parameters may be required based upon subsequent analysis.

Amended 08-24-95.

42. In accordance with 62-701.510(7), if at any time background groundwater standards are exceeded in the detection wells, the permittee has **fifteen (15) days** after the sampling data is received 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. If the exceedance of groundwater standards in the detection wells is confirmed, then assessment monitoring shall be initiated as detailed in 62-701.510(7).

43. If any monitoring well becomes damaged or inoperable, the permittee shall notify the Department of Environmental Protection **immediately** (within 24 hours). 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 and may require a permit modification.

44. 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 62-4.246 and 62-3.401, F.A.C. Approved methods are published by the Department or as published in Standards Methods, A.S.T.M., or EPA methods shall be used. Approved methods for chemical analyses are summarized in the Federal Register, 40 CFR Part 136.

SPECIFIC CONDITIONS:

45. All water quality monitoring analyses shall be reported on the Department Quarterly Report on Groundwater Monitoring Form 62-522.900(2). The permittee shall submit to the Department the results of the water quality analysis, **by July 15th and January 15th for the semi-annually 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 33619-8313. In addition to the completed reporting form and analytical sheets, the report shall include a water table contour map for the date of the sampling event and a summary of all groundwater standard exceedances, as required by FAC 62-701.510(9)(a).
Amended 08-24-95.

46. **Every two years and prior to ninety (90) days before the expiration** of the Department Permit, the permittee shall submit an evaluation of the Groundwater Monitoring Plan as per F.A.C. Rule 62-701.510(9)(b). The evaluation shall include all applicable information as required by F.A.C. Rule 62-701.510(9), and shall include an assessment of the effectiveness of the existing landfill design and operation as related to the prevention of groundwater contamination. Any groundwater contamination that may exist, shall be addressed as part of a groundwater investigation for the landfill assessment. The Groundwater Monitoring Plan shall be adequate to monitor any modifications to the existing landfill site including but not limited to closure.
Amended 08-24-95.

47. The permittee shall provide financial assurance for this landfill site in accordance with F.A.C. Rule 62-701.630. All cost estimates for closure and long-term care shall be adjusted and submitted **annually** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318. Proof that the financial assurance has been funded adequately shall be submitted **annually** to the FDEP District Office and to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

48. 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.

49. A closure permit application shall be required **ninety (90) days** prior to final acceptance of waste for each landfill portion of the site. The final cover shall be placed over the entire surface of each completed portion of the filled areas within **one hundred and eighty (180) days** after final waste deposit date for each area.

SPECIFIC CONDITIONS:

50. Prior to **90 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.

51. 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.

52. By acceptance of this Permit, the permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

53. This permit is valid for the revised method and sequence of filling and leachate/stormwater management plan in accordance with the following information submitted by Post, Buckley Schuh & Jernigan, Inc. (PBSJ):

Information dated February 22, 1996 (received February 28, 1996);

Information dated April 3, 1996 (received April 5, 1996);

"Proposed Stormwater Design Final Buildout and Details," Sheet 1 received April 5, 1996;

"Proposed Stormwater Design Operational Sequencing Plan," Sheet 2 received April 5, 1996; and

"Depth of Cover Field Investigation," Sheet 3, received February 28, 1996.

a. This plan shall be implemented **within 30 days** of receipt of this permit modification.

b. The silt screens shall be checked each work day and cleaned or replaced as necessary to promote adequate stormwater drainage.

New **JUN 13 1996** .

PERMITTEE: Hardee County BCC

PERMIT NO.: SO25-214306

Hardee County Solid Waste Disposal Facility

Attachment 1

PERMITTEE: HARDEE COUNTY BOARD OF COUNTY COMMISSIONERS
HARDEE COUNTY SOLID WASTE DISPOSAL FACILITY
PERMIT NO.: SO25-214306

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
1.	180 days after issuance of permit	Site improvements completed
3.	60 days following construction	Certification and record drawings
13.	March 1/Annually	Waste tire report
16.	Quarterly	Waste quantity report
17.	Monthly	Rainfall and leachate volume data
17.	Annually	Leachate/water balance data
19.	Quarterly	Gas monitoring results
25.	Annually	Yard trash report
34.	90 days after issuance of permit	Water quality monitoring system installed
37.	Quarterly	Leachate sampled/analyzed
38.	90 days after installation	Piezometer construction data
39.	90 days after installation	Survey of wells and piezometers
40.	Annually with January 15th analysis results	Documentation of QA plan approval
41.	Every 6 months	Wells sampled/analyzed
45.	Each January 15th and July 15th	Analysis results
46.	March 1997	Evaluation of GWM Plan

ATTACHMENT 1 cont'd

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
47.	Annually	Updated cost estimates for closure and long-term care
47.	Annually	Proof of funding for financial assurance
49.	90 days prior to final acceptance of waste	Closure Permit Application
50.	90 days prior to permit expiration	Apply for permit renewal
53.a.	30 days after receipt of modification	Implement leachate/stormwater management plan

Permit Figure 1.

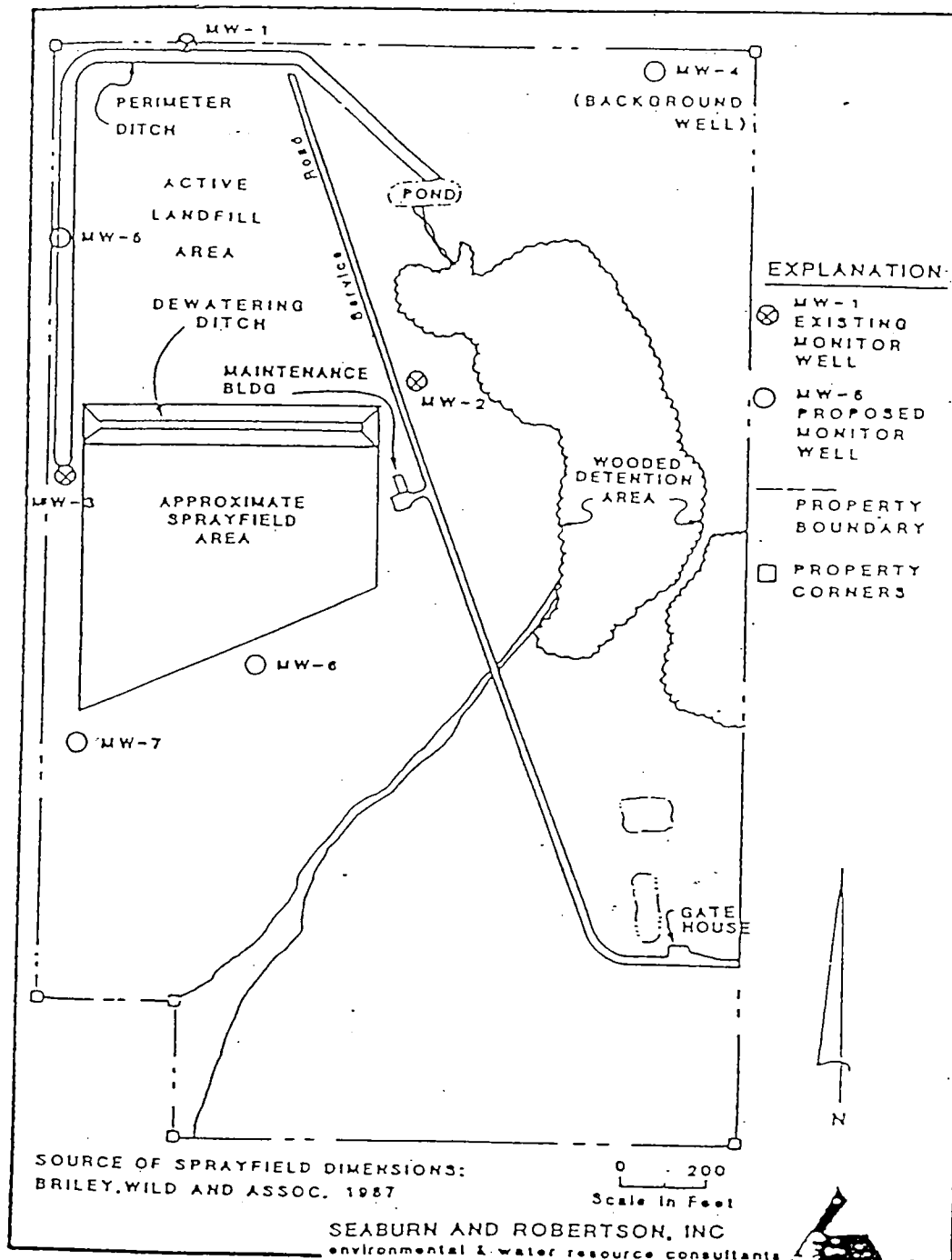


FIGURE 1.- LOCATION OF MONITOR WELLS.

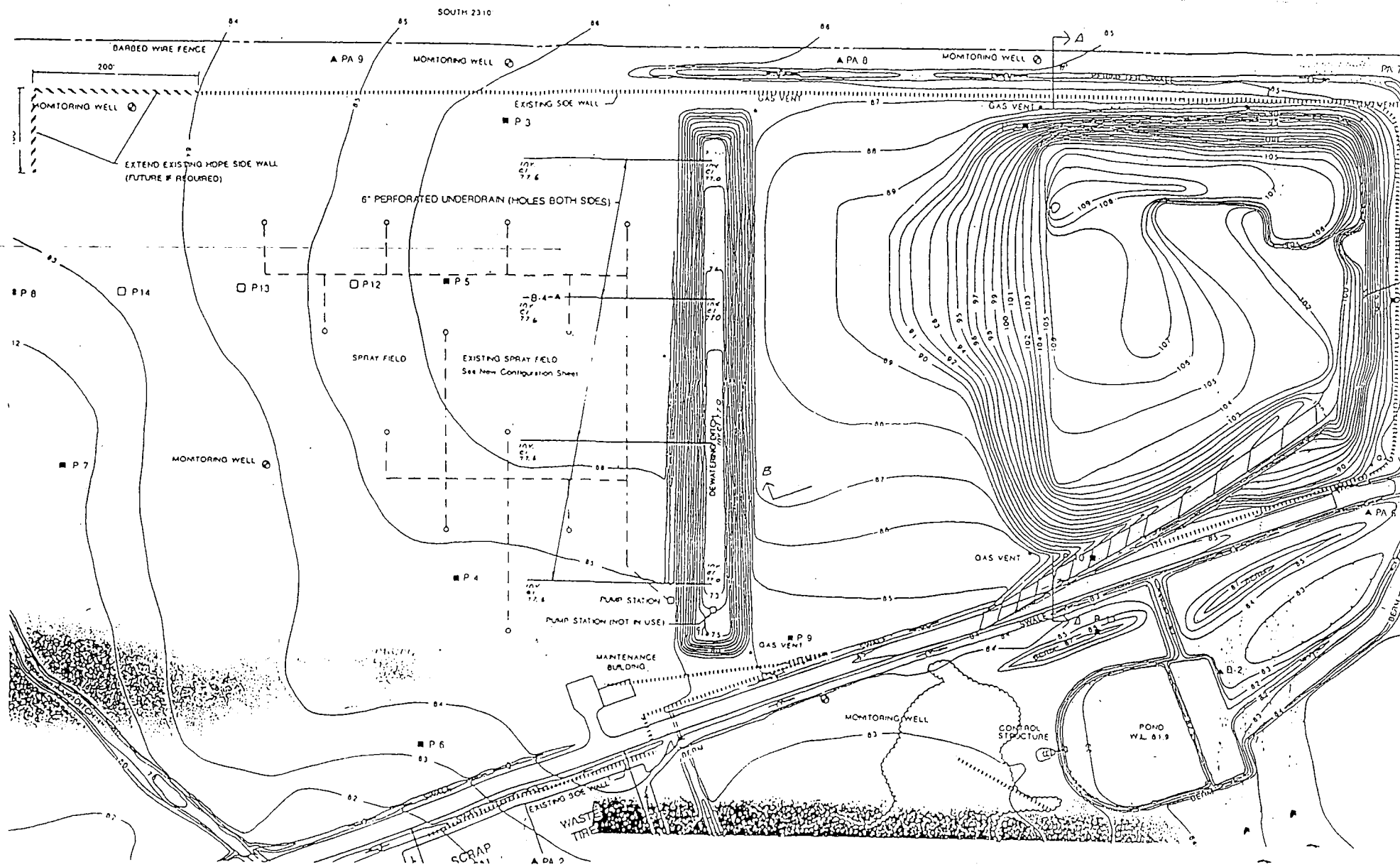


Figure 2. Improvement Site Plan (per 8/2/93 Wade-Trim Sheet 4/6)

RECEIVED
APR - 5 1996

FILE
ENGINEERING
PLANNING

April 3, 1996

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

Ms. Susan J. Pelz
Solid Waste Section
Division of Waste Management
Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

**RE: Hardee County Landfill
Pending Modification #286397 to Permit No. S025-214306**

Dear Ms. Pelz:

Thank you for your review and comments concerning the above referenced permit modification for Hardee County. In response to your letter of March 22, 1996 (included in attachment A), the following comments are provided. Your questions are indicated in bold type followed by our response.

- 1. Please provide an estimated schedule for filling the sequences shown in the drawings submitted. Please provide an estimated schedule for the implementation of the cover/leachate minimization plan, including placement of sod and additional soil.**

It has been determined that the Hardee County Landfill has a remaining capacity of approximately 267,600 cy (excluding final cover) as of September 1995. It is estimated that Hardee County Landfill will reach its final capacity in approximately 9 years based on a bale density of 1750 lbs./bale and an assumed intermediate cover volume of 10% of the waste volume. Based on the sequencing plan provided on Sheet 2 of the drawings, the estimated schedule for filling the sequences is as follows:

Sequence	Volume Available (cy)	Begin Filling Sequence
1	5,400	Upon FDEP approval
2	16,500	3 months after beginning Sequence 1
3	26,200	9 months after beginning Sequence 2
4	85,200	12 months after beginning Sequence 3
5	57,000	27 months after beginning Sequence 4
6	77,300	25 months after beginning Sequence 5

Ms. Susan J. Pelz
April 3, 1996
Page 2

Sequence 6 is expected to reach capacity approximately 32 months after filling this sequence begins.

Upon receiving approval for this permit modification from the FDEP, the County will initiate the cover/leachate minimization plan immediately.

2. **It appears that Section D on Sheet 1 should be referenced back to Sheet 2 where the location of the section is shown. Please note the location of the silt fence detail on Sheet 2.**

Section D on Sheet 1 was inadvertently referenced back to its own sheet. The detail title target has been revised so that Section D references Sheet 2.

On Sheet 2, a detail label for the silt fence, referencing Sheet 1, has been added to each of the sequences noting their locations.

3. **Please clarify if the area is graded to drain to stormwater and sodded "when the working area in [a] sequence...is reduced to [the size noted on the plans]...and the next sequence begins.**

Filled areas will be closed by placing and grading 12-inches of cover material to drain the rainfall to the existing stormwater management system and placing sod as the next sequence begins operation. The information has been clarified on the sequencing descriptions for the proposed stormwater design presented on Sheet 1 of the drawings.

4. **How often will the silt screens be checked and cleaned?**

The silt screens will be checked each work day and cleaned or replaced as necessary.

If you have any questions or comments regarding this response, please do not hesitate to call.

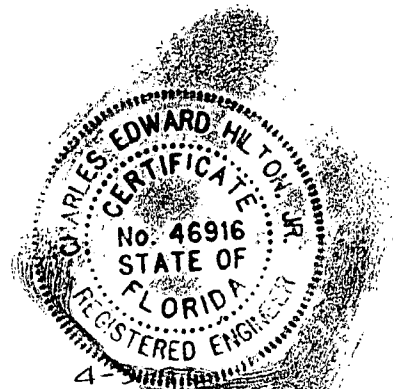
Sincerely,

C. Ed Hilton

C. Edward Hilton, Jr., P.E.
Program Manager
Solid Waste Program

c: J.R. Prestridge, Hardee County
Bill Telford, PBS&J
Maureen Mauriello, PBS&J

H:\ENV\WASTEMAN\HARDEE\LE0329-1.MM



Charles Edward Hilton

PBS&J

ATTACHMENT A



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. J.R. Prestridge, County Manager
Hardee County Department of Solid Waste
P.O. Box 246
Wauchula, FL 33873

March 22, 1996

RE: Hardee County Landfill
Pending Modification #286397 to Permit No. SO25-214306

Dear Mr. Prestridge:

This is to acknowledge receipt of your request to modify the existing operation permit for the solid waste management facility, referred to as the Hardee County Landfill. This letter constitutes notice that a permit will be required for your project pursuant to Chapter(s) 403, Florida Statutes. Your application for a permit modification is incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapter 62-701, Florida Administrative Code (F.A.C.)]:

1. Please provide an estimated schedule for filling the sequences shown in the drawings submitted. Please provide an estimated schedule for the implementation of the cover/leachate minimization plan, including placement of sod and additional soil.
2. It appears that Section D on Sheet 1 should be referenced back to Sheet 2 where the location of the section is shown. Please note the location of the silt fence detail on Sheet 2.
3. Please clarify if the area is graded to drain to stormwater and sodded "when the working area in [a] sequence... is reduced to [the size noted on the plans]...." and the next sequence begins.
4. How often will the silt screens be checked and cleaned?

NOTICE! Pursuant to the provisions of Section 120.60, F.S. and Chapter 62-4.070(5), F.A.C., if the Department does not receive a complete response to this request for information within 30 days of the date of this letter, the Department may issue a final order denying your application. You need to respond within 30 days after the date of this letter, responding to all of the information requests.

You are requested to submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, E.I.
Solid Waste Section
Division of Waste Management

sjp

cc: C. Edward Hilton, P.E., PBSJ, 1560 Orange Ave., Ste. 700, Winter Park, Fl. 32789
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa

"Protect, Conserve and Manage Florida's Environment and Natural Resources"



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. J.R. Prestridge, County Manager
Hardee County Department of Solid Waste
P.O. Box 246
Wauchula, FL 33873

March 22, 1996

RE: Hardee County Landfill
Pending Modification #286397 to Permit No. SO25-214306

Dear Mr. Prestridge:

This is to acknowledge receipt of your request to modify the existing operation permit for the solid waste management facility, referred to as the Hardee County Landfill. This letter constitutes notice that a permit will be required for your project pursuant to Chapter(s) 403, Florida Statutes. Your application for a permit modification is incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapter 62-701, Florida Administrative Code (F.A.C.)]:

1. Please provide an estimated schedule for filling the sequences shown in the drawings submitted. Please provide an estimated schedule for the implementation of the cover/leachate minimization plan, including placement of sod and additional soil.
2. It appears that Section D on Sheet 1 should be referenced back to Sheet 2 where the location of the section is shown. Please note the location of the silt fence detail on Sheet 2.
3. Please clarify if the area is graded to drain to stormwater and sodded "when the working area in [a] sequence... is reduced to [the size noted on the plans]...." and the next sequence begins.
4. How often will the silt screens be checked and cleaned?

NOTICE! Pursuant to the provisions of Section 120.60, F.S. and Chapter 62-4.070(5), F.A.C., if the Department does not receive a complete response to this request for information within 30 days of the date of this letter, the Department may issue a final order denying your application. You need to respond within 30 days after the date of this letter, responding to all of the information requests.

You are requested to submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, E.I.
Solid Waste Section
Division of Waste Management

sjp

cc: C. Edward Hilton, P.E., PBSJ, 1560 Orange Ave., Ste. 700, Winter Park, Fl. 32789
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa

"Protect, Conserve and Manage Florida's Environment and Natural Resources"



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

March 14, 1996

Mr. J. R. Prestridge
Hardee County
Solid Waste Management
P O Box 246
Wauchula, FL 33873

Re: Leachate Quantity Reporting
Permit: #SO25-214306, Hardee County

Dear Mr. Prestridge:

Attached are two examples of a leachate quantity annual summary report. This type of summary is a quick and easy reference for both the Department and yourself to notice unusual quantities of leachate that may be collected from your landfill disposal units. This office suggests you use the format and submit the summary with each submittal of leachate quantity monthly reports.

Your attention to this matter will be greatly appreciated. If you have any questions, you may call me at (813) 744-6100, extension 382.

Sincerely,

Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab
Attachments

cc: Janice Williamson, Hardee County
Robert Butera, P.E., FDEP Tampa
Susan Pelz, FDEP Tampa

3/19

1995 Year to Date Leachate Tracking Summary
Hernando County Northwest Waste Management Facility

Month	Rainfall Inches	Leachate Gallons Pumped to Tank	Leachate Gallons Transported	Leachate Gallons In Process
January	11.2	421,800	443,400	(21,600)
February	1.1	139,200	150,800	(11,600)
March	1.2	105,200	104,400	800
April	7.3	242,300	243,600	(1,300)
May	3.5	172,500	179,800	(7,300)
June	9.7	452,300	458,200	(5,900)
July	5.6	453,700	411,800	41,900
August	7.9	451,900	469,800	(17,900)
September	5.0	346,000	371,200	(25,200)
October	9.8	790,700	797,100	(6,400)
November	1.0	118,000	116,000	2,000
December	2.2	97,000	98,600	(1,600)
YTD Total	65.5	3,790,600	3,844,700	(54,100)

1995 LEACHATE BALANCE SUMMARY
SOUTHEAST COUNTY LANDFILL
HILLSBOROUGH COUNTY, FLORIDA

Month	Rainfall (in.)	Leachate Arriving at LTRF	Leachate/Effluent Leaving LTRF					Inflow/Outflow Balance For LTRF		
		Leachate Pumped to LTRF (gal.)	Total Leach. Hauled From LTRF (gal.)	Total Eff. Hauled (gal.)	Leachate Rec. From LTRF (gal.)	Effluent Rec. (gal.)	Effluent Sprayed (gal.)	Total Inflow To LTRF (gal.)	Total Outflow From LTRF (gal.)	Balance For Month (gal.)
January	4.60	3,104,000	3,166,000	(1) 0	0	0	0	3,104,000	3,166,000	(62,000)
February	2.40	4,063,000	2,942,000	(1) 0	0	0	650,000	4,063,000	4,062,000	1,000
March	1.90	3,467,000	2,320,000	(1) 0	0	113,000	932,000	3,467,000	3,705,000	(238,000)
April	1.60	2,625,000	1,124,000	393,000	60,000	0	700,000	2,625,000	2,528,000	97,000
May	2.40	2,331,000	865,725	652,689	0	0	1,000,270	2,331,000	2,255,439	75,561
June	8.30	2,369,000	904,543	758,000	0	0	568,520	2,369,000	2,252,277	116,723
July	17.90	2,296,000	845,087	1,185,000	0	0	319,750	2,296,000	2,236,821	59,179
August	15.80	2,940,000	1,620,842	1,050,000	0	0	398,520	2,940,000	2,997,072	(57,072)
September	8.80	2,939,000	1,696,897	783,000	0	25,500	507,500	2,939,000	3,168,909	(229,909)
October	5.40	3,130,000	972,984	865,000	0	76,500	600,480	3,130,000	2,763,129	366,871
November	4.30	2,539,360	699,787	1,016,000	0	17,000	785,275	2,539,360	2,465,827	73,533
December	0.50	2,570,333	525,473	1,113,000	0	173,900	661,185	2,570,333	2,391,573	178,760
YTD Total	73.90	34,373,693	17,683,338	7,815,689	60,000	405,900	7,123,500	34,373,693	33,992,047	

Notes:

1. Effluent quantities not measured separately.

I:\project\0995029.11\leachate\95summ.wb2

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 3/14/96 Subject Leachate management
Time 9:35 Permit No. _____
County HARDEE
M DANCE WILLIAMSON Telephone No. (941) 773 5089
Representing HARDEE COUNTY
[] Phoned Me [☒] Was Called [] Scheduled Meeting [] Unscheduled Meeting
Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

I ASKED MRS WILLIAMSON ABOUT #ACRE OPEN VS
INTERMEDIATE. SHE SAID ALL DRAINS TO LEACHATE
POND FROM TOP. I SAID PLANS SHOW APPROX
4 AC DRAIN TO LEACHATE POND & 5 ACRES TO
STORMWATER DITCHES/POND. SHE SAID THERE IS
A PENDING MOTION TO REGRADE DRAINAGE & I
ASKED HER TO NOTE WHEN #ACRES OPEN 1/2 INDR CHANGE
AND TOLD HER I WAS SENDING A COPY OF AN
ANNUAL REPORT.

I ASK ABOUT SPRAYING ON DAYS OF 1" OF RAIN. SHE SAID ONLY
OVER LEACHATE POND, NOT IN NORTH OR SOUTH SPRAYFIELDS.

(continue on another
sheet, if necessary)

Signature [Signature]
Title _____

HARDEE COUNTY
BOARD OF COUNTY COMMISSIONERS
Room A-201, Courthouse Annex
412 West Orange Street
Wauchula, Florida 33873-2867
(813)773-6952 • (813)773-9430 • FAX (813)773-0958

RECEIVED
MAR -7 1996

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

MINOR L. BRYANT
District I

BENNY W. ALBRITTON
District II

TED L. HITE, SR.
District III

E. MILTON LANIER
District IV

WALTER OLLIFF, JR.
District V

GARY ODEN
County Manager

GARY A. VORBECK
County Attorney

February 26, 1996

Department of Environmental Protections
Solid Waste Section
Attention: Bob Butera
3804 Coconut Palm Drive
Tampa, FL 33619-8318

5025-286397

RE: Permit Modification Fee Reduction.

Pursuant to the Florida Law 94-278, Hardee County is requesting a permit fee reduction.

Hardee County is currently at the ten mill ad valorem tax cap. Florida Law states that millage greater than eight mills would justify a permit fee reduction or waiver to be granted on the basis of fiscal hardship. Hardee County certifies that the cost of the permit processing fee is a fiscal hardship due to the fact that ad valorem operating millage is greater than eight mills.

Attached you will find the certification of the county millage by the Hardee County Property Appraisers Office.

Thank You,



Benny W. Albritton
Hardee County
Board of County Commissioners

BWA/jw

cc: file
Board of County Commissioners
Solid Waste Department
Post, Buckley, Schuh & Jernigan

"An Equal Opportunity Employer"



Hardee County

CAROLYN J. COKER
PROPERTY APPRAISER

NOTICE OF CERTIFICATION
OF TAX ROLL

Pursuant to Section 193.122 Florida Statutes,
CAROLYN J. COKER, Property Appraiser of HARDEE
COUNTY, hereby gives notice that the Tax Roll for
Hardee County was certified to the Tax Collector
on the 4th of October, 1995 for the collection of
taxes.

1995

1995 MILLAGE RATES BY TAXING AUTHORITY

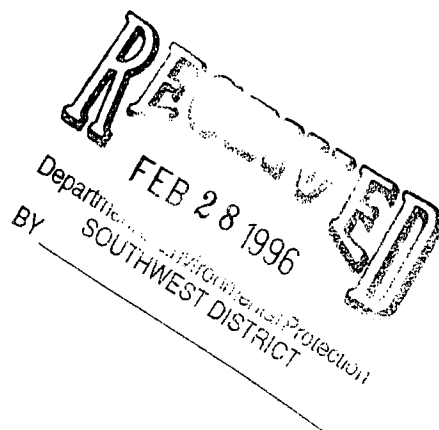
TAXING AUTHORITY	MILLAGE RATE
BCC	.0100000
SCHOOL BOARD	
State	.0067660
Local	.0027600
Total	<u>.0095260</u>
WATER MANAGEMENT	
SWFWMD	.0004220
Peace River Basin	.0001950
Total	<u>.0006170</u>
INDIGENT HEALTH CARE	.0007370
BOWLING GREEN	.0060000
WAUCHULA	.0050200
ZOLFO SPRINGS	.0091120

TOTALS FOR PROPERTY OWNERS IN:

Unincorporated County	.0208800
Bowling Green	.0268800
Wauchula	.0259000
Zolfo Springs	.0299920

February 22, 1996

Ms. Susan J. Pelz, E.I.
Florida Department of Environmental Protection
Southwest District, Solid Waste Section
Division of Waste Management
3804 Coconut Drive
Tampa, Florida 33619



**RE: Request for Minor Operating Permit Modification
Hardee County Landfill, Hardee County
Permit No. SO25-096551**

Dear Ms. Pelz:

On behalf of Hardee County, Post, Buckley, Schuh & Jernigan, Inc. (PBS&J) would like to request a modification to the existing operating permit for the Hardee County Landfill. The site is located northeast of the City of Wauchula in Hardee County, Florida, and is comprised of a 12.5-acre± bale fill-type landfill. Currently, all rainfall landing within the contained area of the landfill is diverted to the leachate containment ditch, located just south of the landfill cell. From there the liquid is either sprayed over an irrigation field located to the south or hauled to a waste water treatment plant by the County. In order to reduce the quantity of stormwater that is being treated as leachate, the County is proposing to modify their operations to separate the stormwater from the leachate and divert the stormwater away from the leachate containment ditch and into the on-site stormwater management system. The proposed operational modifications are depicted on Sheets 1 and 2 of the attached drawings and described as follows:

- On the inactive portions of the landfill, provide a cover consisting of at least one foot of soil over the waste and grass. Currently, these conditions exist over a majority of the site. In order to determine which areas of the landfill can be considered closed based on the above criteria, a field depth check of the existing cover over the waste was performed by hand auger in November, 1995. The results of this investigation are shown on Sheet 3 of the attached drawings. The County will add additional cover soil as required and place sod of their choice to establish grass.
- Grade the closed portions of the site to drain rainfall to the existing stormwater management system.
- Collect and transport the liquid that is considered leachate from the working face of the landfill to the existing containment ditch. This will be accomplished by constructing a

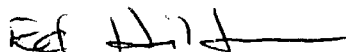
WASTE MANAGEMENT DIVISION

Ms. Susan Pelz
February 22, 1996
Page 2

leachate control swale around the west, south, and east sides of the active working area to capture the leachate runoff. The leachate will be transported from the swale to the leachate containment ditch via two 12-inch collection pipes. The pipe material will be selected by the County. The location of the pipes and configuration of the swale are shown on Sheet 1 of the drawings. The pipe layout will be adjusted to accommodate field conditions and avoid surface ponding of water. A berm will be constructed along the northern edge of the leachate containment ditch and the area designated for loose waste disposal to prevent stormwater from entering. A sequencing plan for the proposed leachate swale system and the progression of landfill operations is depicted on Sheet 2, and described on Sheet 1 of the drawings. The working areas may be divided into two or more sub-areas, at the discretion of the County. The final buildout of the landfill, which conforms to the original permit drawings, is depicted on Sheet 1 of the drawings.

The above modifications are being proposed with the understanding that field conditions may warrant flexibility to the proposed operating plan. Upon receiving Department approval, the County will proceed to make the proposed modifications. If you have any questions regarding this request, please contact me at (407) 647-7275.

Sincerely,



C. Ed Hilton, P.E.
Solid Waste Program Manager

c: J. Prestridge, Hardee County
B. Telford, PBS&J
M. Mauriello, PBS&J

Enclosures
H:\ENV\WASTEMAN\HARDEE\TRANLTR.DEP

Charles Edward Hilton
2/25/96

PBS&J

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 3/5/96 Subject Hardee Co landfill - gw

Time 2:30 Permit No. _____

County Hardee

M Bruce Cummins Telephone No. _____

Representing Short Environmental

☒ Phoned Me ☐ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting Re: Low pH results in last gw event

Hardee Co. - will check calibration records,
will remeasure pH in wells
After this, he will send us a response in
writing.

(continue on another
sheet, if necessary)

Signature Allison Amram
Title PGI



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

March 1, 1996

Mr. J.R. Prestridge
Solid Waste Superintendent
Hardee County
P.O. Box 246
Wauchula, FL 33873

Re: Groundwater Results from December 5, 1995 sampling event
Hardee County Landfill, SO25-214306

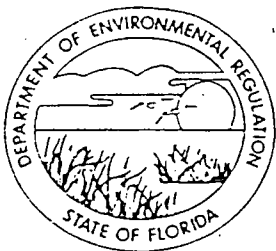
Dear Mr. Prestridge:

The Department received and reviewed the above referenced groundwater sampling data. The pH levels overall have decreased a full unit from the historic monitoring data. Please review this trend and submit a letter with possible explanations for it to the Department.

If you have any questions, I can be reached at (813) 744-6100, ext. 336.

Sincerely,

Allison Amram, P.G.
Southwest District



Florida Department of Environmental Regulation

Southwest District

Lawton Chiles, Governor

3804 Coconut Palm Dr.

813-744-6100

Tampa, Florida 33619

Virginia Wetherell, Secretary

DATE:

1/10/96

TIME:

10:00a

SUBJECT:

Hardee County Stormwater

A T T E N D E E S

Name

Affiliation

Telephone

Susan Pelz

FDEP

813-744-6100 x386

Janice Williamson

Hardee County

941-773-5089

J.R. Prestridge

"

"

Ed Hilton

PBSJ

407-647-7275

Bill Telford

"

"

Bob BUTERA

FDEP

813
~~941~~-744-6100 -x457

Hardee County

1/10/96

They will be submitting minor mod for
sequence of fill / leachate mgmt
in next couple of weeks.

(They will be discussing lining 4th side -
options - ~~none~~

- lay liner on south slope of trench
- wrap ~~over~~ ^{over} PVC sidewalls around to meet
south side of trench, then connect
HDPE liner
- connect HDPE liner to existing PVC/HDPE interface
- HDPE sheet pile-driving

They may delay storage tanks design.

solid waste other

Hardee LF permit
file

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 1/2/96

Subject Hardee GW-organics results

Time 1:15

Permit No. _____

County Hardee

M Bruce Cummins

Telephone No. _____

Representing Short Environmental

[] Phoned Me [☒] Was Called [] Scheduled Meeting [] Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

- Acetone showed up in 6/7 wells (including the background well) Max conc 99 ug/l (bg is ^{AA} 11 ug/l)
- Methylene chloride in 4/7 wells (including the bg well)

This is their first run of Appendix I parameters - first time contracted to Harbor Branch lab.

Comp: QAP 870174

Short did the sampling, Harbor Branch did analytical

(continue on another sheet, if necessary)

Signature FE. PIERCE AA miam

Title PGJ

PA-01

1/93

hjs

He will resample wells highest for each param & see what conc. those samples show.

Requested a copy of the 6/94 FL GW Guidance Conc.