

Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

92303
David B. Struhs
Secretary

Robert J. Sigmond
Utilities Fiscal Services/
Special Projects Dept.
Public Works / Util. Bldg.
7530 Little Road, Suite 204
New Port Richey, FL 34654

August 15, 2000

RE: Financial Assurance - 2000
West Pasco Class III Landfill
Permit No. SO51-267334 Pasco County
GMS - 4051M30035

Dear Mr. Sigmond:

This letter is to acknowledge receipt of the revised cost estimates dated August 1, 2000 (received August 3, 2000), for closing and long-term care of the West Pasco Class III Landfill. The following cost estimates are **APPROVED for 2000**. The next annual adjustment (revised or inflation-adjusted estimates) is due no later than September 1, 2001.

Closing
\$1,526,660.56

Long-Term Care
\$92,380.37 x 30 years = \$2,771,411.10

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, F.A.C. If you have any questions, you may contact me at (813) 744-6100 ext. 375.

Sincerely,

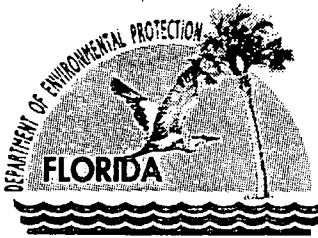
Stephanie Petro

Stephanie Petro
Environmental Specialist 1
Solid Waste Section
Southwest District

cc: Douglas Bramlett, Pasco County, 7530 Little Road, S-204, New Port Richey, FL 34654
Vincent Mannella, P.E., Pasco County, 14230 Hays Road, Spring Hill, FL 34610
Fred Wick, FDEP, Tallahassee, w/attachment
Robert Butera, P.E., FDEP Tampa
Susan Pelz, P.E., FDEP Tampa

"More Protection, Less Process"

Printed on recycled paper.



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

Mr. Douglas Bramlett, Assistant County Administrator
Pasco County Utilities Services
7530 Little Road
New Port Richey, FL 34654

September 8, 1999

RE: Financial Assurance Cost Estimates
West Pasco Class III Landfill
Permit No.: SO51-267334, Pasco County

Dear Mr. Bramlett:

This letter is to acknowledge receipt of the inflation-adjusted financial assurance cost estimates, dated August 4, 1999 (received August 17, 1999), for closing and long-term care of the West Pasco Class III Landfill. The inflation-adjusted cost estimates received August 17, 1999 (\$1,504,099.07 total closing and \$91,015.14/yr x 30 years = \$2,730,454.20 total long-term care) are **APPROVED for 1999**. The next annual adjustment (revised or inflation-adjusted estimates) shall be submitted no later than September 1, 2000.

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, F.A.C.

If you have any questions, you may contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp

cc: Robert J. Sigmond, Pasco County, 7530 Little Road, New Port Richey, FL 34654
Vincent Mannella, P.E., Pasco County, 14230 Hays Road, Spring Hill, FL 34610
Fred Wick, FDEP, Tallahassee, w/attachment
Robert Butera, P.E., FDEP Tampa
Kim Ford, P.E., FDEP Tampa



PASCO COUNTY, FLORIDA

KP — RB 1.3
M JEM
SWI —

D.E.P.
JUL 20 1999
Southwest District Tampa

DADE CITY (352) 521-4274
LAND O'LAKES (813) 996-7341
NEW PORT RICHEY (727) 856-0119
FAX (727) 856-0007

PASCO COUNTY SOLID WASTE
RESOURCE RECOVERY FACILITY
14230 HAYS ROAD
SPRING HILL, FL 34610

July 8, 1999

Mr. Robert J. Butera, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

RE: June 30, 1999 Field Inspection Check List
Class III; Class I East Pasco Class I

Dear Mr. Butera:

I am in receipt of your letter dated July 2, 1999 along with field inspection check lists. In compliance with your request, all items marked "NO" will be responded to.

West Pasco Class III Landfill

Item #14 FAC 62-701.500 (1)

62-701.500 Landfill Operation Requirements.

(1) Operating personnel. All Class I and Class III landfills 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 16 62-703, FAC. If an operator is employed at a Class II landfill, that person must be a trained operator. All Class I and Class III landfills shall have at least one spotter at each working face at all times when the landfill receives waste to detect unauthorized wastes.

Response: You are correct. The TREEO Center program will be initiated for spotters. The first available class is 10/19/99 in Tampa. Pasco County will send two spotters to the course.

Item #17 All permit specific conditions compiled with response:

Item #17 refers to 62-701.320 (1) and refers to operating a facility with permit from the Department. I do believe Pasco County has a proper permit, 3051-267334 expires 5/15/2001. Specific condition #6 in the permit refers to FAC 62-701.300 (8) . This section refers to depositing, Lead Acid batteries, used oil, yard trash, white goods or whole waste tires in a landfill. I am certifying to you Pasco County does not landfill any of the above listed items.

Specific condition A6 of Pasco County permit refers to 62-701.520 FAC refers to Special Waste Handling - the only section that may be applicable to west Pasco Class I or Class III sites would be 62-701.520 (5) contaminated soil. If this is the intent of the point made in the field inspection report, I shall be pleased to pass the information on to the County's hazardous waste manager for corrective action by the hazardous waste section.

I have responded to all of the department's concerns pertaining to East Pasco Class I landfill. Please communicate with me directly if you have any questions at 727-856-0119.

West Pasco Class I Landfill

There are no "NO's" noted on the West Pasco Class I Field Inspection Report, therefore, response is not required as per your letter of July 2, 1999.

East Pasco Class I Landfill

Two responses are required for East Pasco landfill as per your July 2, 1999 letter.

Item #11 Approved Operating Plans and Permits and Waste Records Maintained

62-701.500 (2), (3), (4) and (13)

Response - The East Pasco Class I landfill had on hand the proper permit, unfortunately the landfill operator showed the Department regulator a previous Department issued permit. This matter will be corrected by the time you receive this response.

Item #17 All specific conditions complied with 62-701.320 (1).

Response - 62-701.320 (1) reads "no solid waste management facility shall be constructed, operated, maintained, modified or closed without a permit issued by the Department". To the best of my knowledge, Pasco County is operating under permit S051-274380 expiration date 10/15/2001.

Item #24 Method and sequence of filling waste according to plans 62-701.500 (2) (f).

Response - Method and sequence of filling waste (2) (f). It is Pasco County's belief that the filling is in compliance with the approved plan. So little material has been received at the facility the fill area is in compliance and within the proper area.

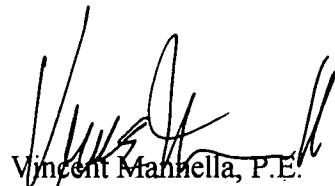
Inquiry, frequency, amount and quality of initial cover as required 62-701.500 (7) (e).

Response - Pasco County believes that we are in compliance with subparagraph (7) (e). However, an inspection check will be made to determine if adequate cover has been maintained due to frequent and heavy recent rains. If, however, intermediate cover has been reduced, additional cover will be provided within 7 to 10 days of the Department's receipt of this letter.

May I take this opportunity to thank you for your concern and help regarding Pasco County's efforts to properly manage it's Solid Waste Facilities. Through mutual cooperative efforts we can succeed in improving the environment.

All matters discussed in the field inspection reports will be rectified within 10 working days. The training of spotters will take a little longer. Action have been taken on a training program and I will keep you informed of Pasco County's progress in this matter.

Very truly yours,



Vincent Mannella, P.E.
Solid Waste Facility Manager

VM/dlh/rjb708

cc: Richard Garrity
John J. Gallagher, County Administrator
BLS Douglas S. Bramlett, Assistant County Administrator
Ron Walker, Solid Waste Superintendent
Barbara Wilhite, Chief Assistant County Attorney

West Pasco
CLASS III
6-30-99



- WEST PASCO CLASS III
06/30/1999



WEST PASCO CLASS III
06/30/1999

West Pasco Class III

WEST PASCO CLASS III
06/30/1999

WEST PASCO CLASS III
06/30/1999



WEST PASCO CLASS III
06/30/1999

WEST PASCO CLASS III
06/30/1999

WEST PASCO CLASS III
06/30/1999



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT FACILITY INSPECTION CHECKLIST

GMS I.D. No. _____

Facility Name _____

EAST PASCO LANDFILL

-274380 Expiration Date: 10/15/2001

ROAD

PASCO

Zip: _____

city

Employees Specifying Titles):

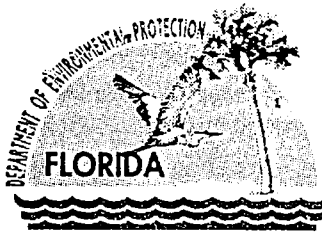
Composting _____
MSW Shredder _____
Unauthorized Disposal _____
Other _____
Burner _____
Facility _____
Wastes _____

ation _____ Other _____

STEEL
3 INSPECTORS
① E PASCO 6/30
② W PASCO CI 6/30
③ W PASCO CII 6/30
I HAVE NOT MATCHED
Any from
7/1/99

RE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE
THWISE NOTED) REFLECTS A VIOLATION OF THE
EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

1. SOLID WASTE PROHIBITIONS	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	✓			
2. Unauthorized disposal/storage prohibited within 500' of a potable water well? 62-701.300(2)(c)	✓			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(d)	✓			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(e)	✓			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(f)	✓			
6. Unauthorized disposal/storage prohibited within 200' of any natural or artificial body of water, including wetlands, except on-site water bodies with no off-site discharge? 62-701.300(2)(g)	✓			
7. Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(h)	✓			



Lawton Chiles
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

December 29, 1998

Mr. Vincent Mannella, P.E.
Solid Waste Facility Manager
Pasco County Solid Waste Resource Recovery Facility
14230 Hays Road
Spring Hill, FL 34610

Re: City of Tampa Grit and Debris - Letter dated December 7, 1998.

Dear Mr. Mannella:

In accordance with the (Domestic Waste Residuals Rule) FAC 62-640.100(6)(k)8., the referenced material must be disposed of in accordance with FAC 62-701. In FAC 62-701.340(3)d. Class III waste is defined as yard trash, construction and demolition debris, waste tires, asbestos, carpet, cardboard, paper, plastic, glass, furniture, other than appliances or other materials approved by the Department which are not expected to produce leachate which poses a threat to public health or the environment. At this time the Department cannot authorize the staging or disposal of the referenced waste in the Class III cell. All solid wastes consisting of residuals and/or streetsweepings were removed from the definition of CL III material when the solid waste rule was revised on January 6, 1993. The Department's experience with the referenced material has been heavy metal concentrations settling out and adhering to the solids in the sumps or pump stations.

The Department has no objection to disposal of the material in the West Pasco Class I Landfill, Cell SW-1. Since one of the six characteristics as defined in FAC 62-701.200(53) of initial cover is to suppress odors, the Department can not authorize the use of residuals from sewer cleaning of lift and pump stations for daily cover as they will probably generate odors and a potential for diseases. This referenced material must be covered daily.

If you have any questions you may contact me at 813-744-6100, Ext. 451.

Sincerely,

Robert J. Butera, P.E.
Solid Waste Manager
Southwest District

cc: John J. Gallagher, County Administrator
Douglas Bramlett, Assistant County Administrator
Ronald J. Walker, Solid Waste Superintendent
Allison Amram, P.G. - FDEP
Kim Ford, P.G. - FDEP

62-640.100 Scope, Intent, Purpose, and Applicability.

(1) All domestic wastewater treatment facilities which use biological treatment processes generate domestic wastewater residuals as a by-product of the treatment process. The Department finds that unregulated use, disposal, or land application of these residuals poses a threat to the environment and public health. It is the intent of the Department in this chapter to regulate the management, use, and land application of residuals so as to ensure protection of the environment and public health.

(2) The Department also intends in this chapter to encourage the beneficial use of residuals.

(3) This chapter establishes minimum requirements for residuals which are to be applied to land for agricultural purposes, distributed and marketed, or used for land reclamation. Included are residuals which are composted with yard trash, wood chips, or similar bulking agents and ultimately applied to land or distributed and marketed.

(4) This chapter also establishes minimum requirements for septage which will be treated at facilities permitted by the Department and will be applied to land for agricultural purposes or land reclamation.

(5) The purpose of Chapter 62-640, F.A.C., is to provide minimum standards for the treatment of residuals and septage to be applied to land or distributed and marketed, establish land application criteria, and define requirements for agricultural operations which have received or will receive residuals or septage.

(6) Applicability.

(a) Requirements in this chapter shall apply to domestic wastewater treatment facilities, residuals management facilities, and septage management facilities that generate residuals or septage which are to be applied to agricultural sites or reclamation sites, or which are distributed and marketed.

(b) The requirements in this chapter shall also apply to appliers or distributors of residuals or residual products, and to owners or operators of agricultural sites or reclamation sites which receive residuals.

(c) Unless specifically provided otherwise in this chapter, requirements in this chapter shall apply to all facilities which generate residuals or apply residuals to agricultural sites or reclamation sites, or which distribute and market residuals or operate an agricultural site or reclamation site, for which complete permit applications were received after December 1, 1997.

(d) Unless specifically provided otherwise in this chapter, requirements in this chapter shall apply to all septage management facilities that treat more than 10,000 gallons per day monthly average daily flow or more than 20,000 gallons in a single day, and that apply septage to agricultural sites or reclamation sites. The requirements of this chapter shall also apply to appliers of septage, and to operators or owners of an agricultural site or reclamation site which has had septage from facilities permitted under this chapter applied to the land after December 1, 1997.

(e) Unless specifically provided otherwise in this chapter, requirements in this chapter that apply to residuals shall also apply to septage from facilities regulated by the Department, and to products derived from such septage, or residuals, or combinations thereof.

(f) Unless specifically provided otherwise in this chapter, requirements in this chapter shall apply to composting facilities, as defined by this chapter, which use yard trash, wood chips, or similar bulking agents, and apply the resulting compost to land or distribute and market the resulting compost after December 1, 1997.

(g) Facilities which have submitted a complete wastewater permit application or which have received an initial permit before December 1, 1997, are considered to be existing facilities and shall meet the requirements of this chapter in accordance with subsection (h) below.

(h) Existing facilities in Florida shall comply with these requirements at the time of renewal or substantial revision of the wastewater permit, whichever occurs first. Existing facilities may choose to

comply with the requirements of this chapter prior to the time specified in this rule by obtaining a permit revision under Chapter 62-620, F.A.C.

(i) Until such time as the wastewater permit is renewed or a new permit is issued for expansion or substantial modification of the facility, the facility shall comply with the requirements for land application of residuals or septage in the existing permit.

(j) Residuals or residuals products which are generated outside of Florida but imported to Florida are subject to the provisions of this chapter beginning December 1, 1997.

(k) The following activities are excluded from the requirements of this chapter:

1. Regulation of septage management facilities that treat 10,000 gallons per day or less on a monthly average daily flow basis and no more than 20,000 gallons in a single day. These facilities are regulated by the Department of Health in accordance with Chapter 10D-6, F.A.C.

2. Land application of septage treated by facilities which are regulated by the Department of Health in accordance with Chapter 10D-6, F.A.C.

3. Disposal of residuals, septage, and other solids in a solid waste landfill. Disposal of these materials shall be in accordance with Chapter 62-701, F.A.C.

4. Disposal of residuals by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site. Disposal in such cases shall be in accordance with Chapter 62-701, F.A.C.

5. Incineration of residuals. Incineration of residuals shall meet the requirements of Chapters 62-210, 62-212, 62-213, 62-272, 62-273, 62-275, 62-296, and 62-297, F.A.C., and the Resource Conservation and Recovery Act.

6. Co-composting of residuals with solid waste other than yard trash, wood chips or similar bulking agents. Co-composting of residuals with other solid waste materials shall be in accordance with Chapter 62-709, F.A.C.

7. Treatment, management, or disposal of industrial sludges or septage, air treatment sludges, and water supply treatment sludges.

8. Disposal of screenings and grit from the preliminary treatment components of wastewater treatment facilities, solids from sewer line cleaning operations, and solids from lift stations and pump stations. Disposal of these materials shall be in accordance with Chapter 62-701, F.A.C.

Specific 403.051, 403.061, 403.062, 403.087, 403.088, 403.704, 403.707 FS.

Law Implemented 403.021, 403.061, 403.087, 403.088, 403.0881, 403.702, 403.704, 403.707, 403.708 FS.

History--New 8-12-90, Formerly 17-640.100, Amended 3-30-98.



PASCO COUNTY, FLORIDA

DADE CITY (352) 521-4274
LAND O'LAKES (813) 996-7341
NEW PORT RICHEY (727) 856-0119
FAX (727) 856-0007

PASCO COUNTY SOLID WASTE
RESOURCE RECOVERY FACILITY
14230 HAYS ROAD
SPRING HILL, FL 34610

December 7, 1998

Mr. Robert J. Butera, P.E. III
Division of Waste Management
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

RE: City of Tampa Grit & Debris

Dear Mr. Butera:

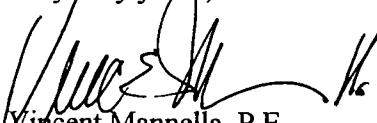
I have been in communication with your staff regarding Pasco County accepting approximately 3,000 tons per year of grit and debris from the City of Tampa's sewer cleaning operations, lift stations, and pump stations; this material is primarily sand. I am requesting the Florida Department of Environmental Protection review several options that have been discussed with a member of your staff, who suggested that this matter be directed to you *via* a written request.

Please review the following potential options I believe may be open to Pasco County:

- Stock pile the material in West Pasco Class III Landfill for eventual use as cover. Please recall that Pasco County Class III is a lined cell.
- Stock pile the material in West Pasco Class I, Cell SW-1, and use it for cover during bypassing operations and/or other cover requirements.

Your consideration and response to my request will be appreciated.

Very truly yours,


Vincent Mannella, P.E.
Solid Waste Facility Manager

VM/drc

cc: John J. Gallagher, County Administrator
Douglas S. Bramlett, Assistant County Administrator
Ronald J. Walker, Solid Waste Superintendent



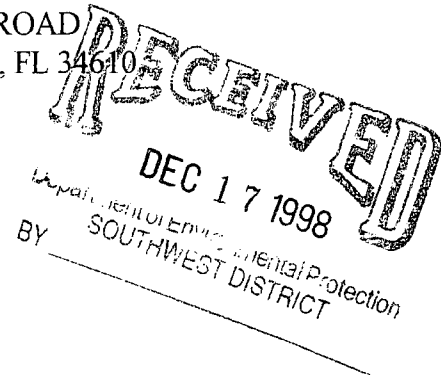
PASCO COUNTY, FLORIDA

DADE CITY (352) 521-4274
LAND O'LAKES (813) 996-7341
NEW PORT RICHEY (727) 856-0119
FAX (727) 856-0007

PASCO COUNTY SOLID WASTE
RESOURCE RECOVERY FACILITY
14230 HAYS ROAD
SPRING HILL, FL 34610

December 9, 1998

Mr. Robert J. Butera, P.E. III
Division of Waste Management
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318



RE: Your Letter of December 3, 1998 -
Handling of Hazardous Waste at
Solid Waste Facilities

Dear Mr. Butera:

Thank you for your concern and a copy of *fact sheets* prepared by Timothy Townsend, Ph.D. regarding hazardous waste and demolition debris. Please be advised that Pasco County Class III Landfill, though lined, will not accept hazardous waste.

Pasco County appreciates your concern and will honor your request to use the fact sheets; they shall be utilized to supplement ongoing on site personnel training.

Very truly yours,

Vincent Mannella, P.E.
Solid Waste Facility Manager

VM/drc

cc: John J. Gallagher, County Administrator
Douglas S. Bramlett, Assistant County Administrator
Ronald J. Walker, Solid Waste Superintendent



PASCO COUNTY, FLORIDA

RECEIVED

NOV 20 1998

ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

BY _____

DADE CITY (352) 521-4274
LAND O'LAKES (813) 996-7341
NEW PORT RICHEY (813) 856-0119
FAX (813) 856-0007

PASCO COUNTY SOLID WASTE
RESOURCE RECOVERY FACILITY
14230 HAYS ROAD
SPRING HILL, FL 34610

November 17, 1998

Ms. Danielle Nichols
Environmental Specialist
Florida Department of
Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Recent Inspections at Pasco
County Solid Waste Facilities
October 15 and 23, 1998,
Your Letter of November 6, 1998

Dear Ms. Nichols:

Pursuant to your letter of November 6, 1998, the following are our responses:

EAST PASCO CLASS I LANDFILL

- **INQUIRY:** You are asked that we furnish the missing gas monitoring reports.
- *Response:* I do not have reference knowledge to what gas monitoring reports you are requesting. Our records indicate reporting is current.
- **INQUIRY:** Written response to Ms. Amram's letter of July 3, 1997 is still required.
- *Response:* Pasco County's Solid Waste consultant was directed to respond to Ms. Amram's letter, but did not do so. I have again instructed Law Engineering and Environmental Services to prepare a timely response.

Ms. Danielle Nichols
November 17, 1998

- **INQUIRY:** Explain the sudden diminished methane concentrations reported for the July 24, 1998 event.
- *Response:* Law Engineer and Environmental Services has been directed to respond to this inquiry.
- **INQUIRY:** Please provide delinquent groundwater monitoring evaluation in accordance with F.A.C. 62- 71.510(9) and Specific Condition 38 of the permit.
- *Response:* Pasco County records indicate that we are in compliance with F.A.C. 62-701.510(9). A groundwater monitoring plan evaluation is currently being prepared by Law Engineering and Environmental Services which will be submitted to the FDEP when completed.

WEST PASCO CLASS III

- **INQUIRY:** Please provide all past gas monitoring data for the Class III since issuance of the permit.
- *Response:* Pasco County will be unable to provide the Florida Department of Environmental Protection (FDEP) any past gas monitoring data for the Class III Landfill since gas monitoring has never been implemented or requested since operation started in 1991. Gas monitoring shall commence on November 16, 1998 in compliance permit requirements.
- **INQUIRY:** The load checking program does not meet FDEP requirements. Please ensure that this is addressed immediately.
- *Response:* The FDEP is correct. A new scale house attendant did not fully understand the importance of load checking. This problem has been resolved.
- **INQUIRY:** Please provide delinquent ground water monitoring evaluation in accordance with F.A.C. 62-701.510 (9) and Specific Condition 37 of the permit.

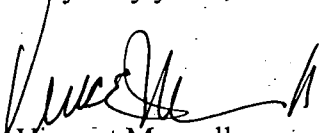
Ms. Danielle Nichols
November 17, 1998

- **Response:** *Pasco County records indicate that groundwater monitoring reports are current with the FDEP. The Specific Condition 37 requiring a groundwater monitoring plan evaluation will be provided to the FDEP by Law Engineering and Environmental Services in the immediate near future when the evaluation is completed..*

EAST PASCO TRANSFER STATION

- **INQUIRY:** **It was evident during the inspection some kind of spill occurred. The staff explanation of what exactly happened was not very clear.**
- **Response:** *The FDEP is correct.*

Very truly yours,



Vincent Mannella
Solid Waste Superintendent

VM/drc

cc: John J. Gallagher, County Administrator
Douglas S. Bramlett, Assistant County Administrator
Candia E. Mulhern, Laboratory Manager
Ronald J. Walker, Solid Waste Superintendent



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Douglas Bramlett, Assistant County Administrator
Pasco County Utilities Services
7530 Little Road
New Port Richey, FL 34654

July 30, 1998

RE: Financial Assurance Cost Estimates
West Pasco Class III Landfill
Permit No.: SO51-267334, Pasco County

Dear Mr. Bramlett:

This letter is to acknowledge receipt of the inflation-adjusted financial assurance cost estimates, dated July 13, 1998, (received July 20, 1998), for closure and long-term care of the West Pasco Class III Landfill. The inflation-adjusted cost estimates dated July 13, 1998 (\$1,489,207 total closing and \$90,114/yr x 30 years = \$2,703,420 total long-term care) are **APPROVED for 1998**. The next annual adjustment (revised or inflation-adjusted estimates) shall be submitted no later than September 1, 1999.

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, F.A.C.

If you have any questions, you may contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp

cc: Robert J. Sigmond, Pasco County, 7530 Little Road, New Port Richey, FL 34654
Vincent Mannella, P.E., Pasco County, 14230 Hays Road, Spring Hill, FL 34610
Fred Wick, FDEP, Tallahassee, w/attachment
Robert Butera, P.E., FDEP Tampa
Kim Ford, P.E., FDEP Tampa

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

W ASAP
CLASS III

Date: 3-13-98

Number of pages including cover sheet: 4

To: Vince Ma

And

Ron

Phone:

Fax phone: 813 856-0007

CC:

From:

Kim Ford

Phone: (813) 744-6100

Fax phone: (813) 744-6125

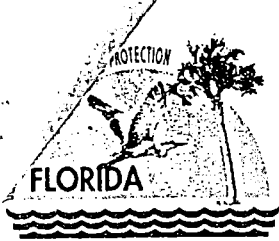
REMARKS:

☐ Urgent

☐ For your review

☒ Reply ASAP

☐ Please comment



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

February 11, 1998

Vince And Ron


CR 672 Recovery S&D
5833 126th Avenue North
Clearwater, FL 34620



Re: Training Courses for C&D Debris Operators and Spotters

Dear Mr. 

The Department's solid waste regulations were amended on April 23, 1997 to include training requirements for operators and spotters at construction and demolition debris disposal and recycling facilities (Florida Administrative Code Rule 62-701.730(8) and (13)). This rule requires facilities to have trained operators and spotters by May 1, 1998.

For your information and convenience, attached you will find TREEO registration information for two courses offered in March 1998 to meet the new training requirements as follows:

Construction and Demolition Debris Landfills: A Short Course for Operators,
March 30 - April 1, 1998 in Orlando - Fee: \$325

  Eight-Hour Spotter Training for Construction and Demolition Sites,
March 24, 1998 in Tampa - Fee: \$135 - (This course will be held at the Department's Southwest District office. Lunch delivery will be available at a cost of \$4.00 per person to include a sandwich, chips, and a soft drink, or you may bring your own lunch.)

General Information

For additional course information, contact Dawn Jenkins at 352/392-9570 ext. 127 or djenkin@treeo.doce.ufl.edu. For registration information, contact Janet Touchton at 352/392-9570 ext. 112 or jtoucht@treeo.doce.ufl.edu. Confirmation letters are mailed to registered participants two weeks prior to the course.

Services for Persons with Disabilities

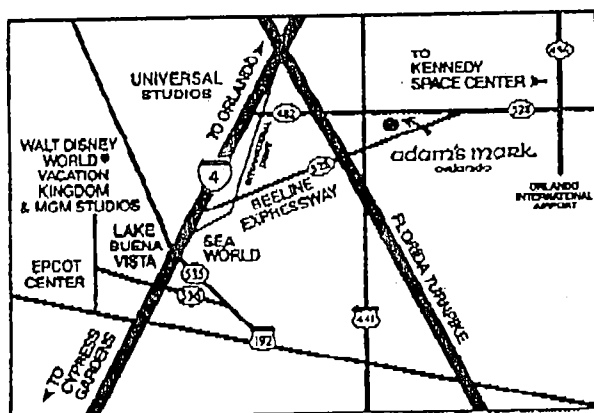
Individuals with disabilities who require special accommodations should contact Dawn Jenkins at 352/392-9570 ext. 127 or djenkin@treeo.doce.ufl.edu at least seven days prior to the course so that proper consideration may be given to the request.

Course Locations and Accommodations

You are responsible for arranging your accommodations. A special rate is available at the course location. To receive the special rate, your reservation must be made at least four weeks prior to the course, and you must identify yourself as a participant of this UF/TREEO course.

Orlando

Location and Accommodations: Adam's Mark Hotel (at the Florida Mall), 1500 Sand Lake Rd., Orlando, FL 32809, 407/859-1500, \$98 single or double

**To Register**

By Phone: Call 352/392-9570 ext. 112 (Visa or Mastercard only).

By Fax: Send completed registration form with credit card and social security numbers to 352/392-6910, 24 hours.

By Mail: Return registration form with payment by check, Visa or Mastercard.

(Note: Government agencies may register with purchase order.)

REGISTRATION WILL BE CONSIDERED COMPLETE ONLY UPON RECEIPT OF BOTH REGISTRATION FORM AND PAYMENT IN US DOLLARS. ALL REMITTANCES SHOULD BE MADE PAYABLE TO THE UNIVERSITY OF FLORIDA

Cancellation Policy

If you cannot attend, written notification must be received at least two working days prior to the course. You may either transfer to another course (transfer credit good for one year), send a substitute or receive a refund. In the course is cancelled, UF/TREEO is not responsible for non-refundable travel fares or lodging deposits.

Certificate and Accreditation

A certificate of attendance and 20 continuing education units (CEUs) will be issued to those who attend and complete the course.

Visit our website at

<http://www.doce.ufl.edu/treeo>

or email us at train@treeo.doce.ufl.edu for environmental training information.

The University of Florida is an Equal Opportunity/Affirmative Action educational institution.
Cost of brochure covered by participants' fees.
©1998 University of Florida TREEO Center

Construction and Demolition Debris Landfills: A Short Course for Operators

March 30-April 1, 1998 in Orlando, FL ■ Fee: \$325

REGISTRATION FORM

NAME _____ SSN* _____

COMPANY _____ POSITION _____

MAILING ADDRESS _____

BUSINESS PHONE (____) _____ FAX (____) _____ EMAIL _____

*Social Security number is needed for registration.

Completed registration form and fee are needed to process your registration. Make payment in U.S. currency payable to UNIVERSITY OF FLORIDA.

MAIL REGISTRATION FORM AND PAYMENT TO:



UNIVERSITY OF FLORIDA
TREEO CENTER
3900 SW 63RD BLVD
GAINESVILLE, FL 32608-3800

Register one person per form. Photocopy if more forms are needed.

Check appropriate boxes:

FEE: \$325

☐ Check enclosed in the amount of \$ _____

☐ Please charge ☐ VISA ☐ Mastercard Expiration Date: _____

Card #:

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You may fax completed registration form, including credit card and social security numbers to 352/392-6910.

Print name exactly as it appears on credit card

**UNIVERSITY OF
FLORIDA**

Post#	Date	# of pages
Fax Note	2/7	1
To	Kim Ford	
Fax#	813 744 6084	
From	Dawn Jenkins	
Phone#		

Center for Training, Research and Education
for Environmental Occupations (TREEO)

3900 SW 63rd Boulevard
Gainesville, Florida 32608-3848
Email: train@treeo.doce.ufl.edu
352-392-9570/FAX 352-392-6910
SC 622-9570

February 7, 1998

Kim Ford
FDEP
3804 Coconut Palm Drive
Tampa, FL 33619

Dear Mr. Ford:

On behalf of the University of Florida/TREEO Center (UF/TREEO), I would like to thank you for this opportunity to give you an estimate for Landfill Operator on-site training. The UF/TREEO Center has been providing quality training for Solid Waste professionals since 1988. More than 4000 students are trained yearly at our facility in Gainesville, Florida and at other locations in Florida and the United States.

The UF/TREEO Center will provide instruction, educational material/manuals and Certificates of Attendance, and Continuing Education Units (CEUs). FDEP would be responsible for providing the training facility, audiovisual equipment and refreshments (if desired). Participants must be present for the entire course to receive a certificate and contact hours.

The cost for the Eight Hour Spotter Training for Construction and Demolition Sites with a minimum of 30 students, \$4050. *[The course has been approved by the Solid Waste Management Training Committee]*. Each additional student will be \$135 up to a maximum of 35. The course is scheduled for March 24, 1998, 8am-5pm.

If you have any questions, I may be reached at 352/392-9570 ext. 127 or djenkin@treeo.doce.ufl.edu or you may contact the instructor, Chris Kohl at 407/847-0831 or docdump@aol.com. We look forward to working with you.

Sincerely,

Dawn Jenkins
Assistant Director, Program Operations

CC: Chris Kohl

Transmit Confirmation Report

No. : 003
Receiver : 818138560007
Transmitter : WASTE MGT TAMPA SWDIST
Date : Mar 13 98 11:56
Time : 02'34
Mode : Norm
Pages : 04
Result : OK



PASCO COUNTY, FLORIDA

RECEIVED
DEC 22 1997
Environmental Protection
SOUTHWEST DISTRICT

DADE CITY (352) 521-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 856-0119
FAX (813) 856-0007

PASCO COUNTY SOLID WASTE
RESOURCE RECOVERY FACILITY
14230 HAYS ROAD
SPRING HILL, FL 34610

December 18, 1997

Mr. Kim B. Ford, P.E. I
Division of Waste Management
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

RE: Yard Trash Management Plan Submittal
Permit No. SO51-267334, Pasco County

Dear Mr. Ford:

Thank you for your letter dated October 9, 1997 and subsequent telephone calls regarding securing an approved yard trash disposal plan.

The "Recycling Yard Trash Best Management Practices" manual for Florida that you sent me was studied and appreciated. It proved to be of great assistance in the development of the attached yard trash plan. Please review and approve this plan at your earliest convenience.

Sincerely,

Vincent Mannella, P.E.
Solid Waste Facility Manager

VM/mvv/VM4\Ford

Enclosure

cc: John J. Gallagher, County Administrator
Douglas S. Bramlett, Assistant County Administrator, Utilities Services
Ronald Walker, Solid Waste Superintendent

YARD TRASH PLAN

PASCO COUNTY SOLID WASTE DIVISION

INTRODUCTION:

Pasco County Permit Number SO51-267334 issued on May 20, 1996, expiration of May 15, 2001, notes in Specific Conditions, "yard trash accepted at the site shall be processed and recycled or disposed of within 12 months."

Pasco County receives and processes approximately (on average) 3,000 tons of yard trash per year. The recycling of this yard trash, as chipped (processed) mulch within a twelve month period, I believe may be recycled in the following ways:

- ▶ Giving mulch to Pasco County residents at no charge;
- ▶ Giving mulch to Pasco County landscapers (commercial);
- ▶ Using mulch for West Pasco haul roads and perimeter roads;
- ▶ Provide mulch to roads on other Pasco County sites, i.e., wastewater treatment plants, storage areas, etc.
- ▶ Provide mulch for Pasco County park trails and pathways;
- ▶ Provide mulch that cannot be recycled or used elsewhere as fuel for the Resource Recovery Facility.

To place volumes and or to anticipate the exact amount of mulch to be used annually will be most difficult. The annual placement of mulch will vary from year to year; less mulch will be used next year for on-site haul roads and perimeter roads at West Pasco. Pasco County may pursue an aggressive public relations program advising residents that mulch is available for home use at no charge which may increase citizen participation.

The Solid Waste Division can provide a tonnage audit of mulch and its use for review and for possible Pasco County recycling credits.

Department of
Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

ction

Virginia B. Wetherell
Secretary

INFORMATION REQUEST

TO: VINCE MANNELA
SOLID WASTE MANAGEMENT
DALTON COUNTY UTILITIES
1536 STATE STREET
NEW PORT RICHEY FL 34654

We are ~~pleased to send the enclosed~~ information you requested.

If we can be of further service, please contact:

Kim B. Ford, P.E.
Solid Waste Section
Waste Management Division
3804 Coconut Palm Drive
Tampa, FL 33619-8318
(813) 744-6100, ext. 382

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COMMENTS:

Response REQUESTED
By November 10, 1997.
Do written response yet.
Jan 12/12/97

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Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

October 9, 1997

Mr. Vince Mannella, P.E.
Solid Waste Management
Pasco County Utilities
7536 State Street
New Port Richey, FL 34654

Re: Yard Trash Management
Permit No.: SO51-267334, Pasco County

Dear Mr. Mannella:

The management of yard trash at the West Pasco Class III landfill site does not appear to comply with Department rules and policy, or the current permit specific condition #6. Clarification is provided as follows:

- According to Florida Administrative Code (FAC) 62-701.300(1)(a), "No person shall store, process, or dispose of solid waste except at a permitted solid waste management facility or a facility exempt from permitting under this chapter." Yard trash accepted at the landfill site is solid waste, however the site is not permitted for disposal or to store yard trash longer than 12 months.
- FAC 62-701.200(32) states that "Disposal means the discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste into or upon any land or water so that such solid waste or any constituent thereof may enter other lands or be emitted into the air or discharged into any waters, including ground waters, or otherwise enter the environment". This definition is consistent with the intent of specific condition #6 of the current permit, which in part states "yard trash accepted at the site shall be processed and recycled, or disposed of within twelve months". Therefore, all yard trash accepted that is not recycled within twelve months must be disposed of at a permitted site to prevent a violation of Department rules and the current permit, and to avoid being considered on-site disposal.

Mr. Vince Mannella, P.E.
Solid Waste Management
Pasco County Utilities

October 9, 1997
Page Two

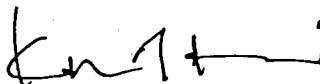
The Department requests Pasco County provide Yard Trash Management Plan sufficient to demonstrate compliance with these rules and the current permit. Some suggested uses previously discussed include:

1. fuel for Waste-to-Energy facilities
2. recycled as mulch or soil amendment
3. Class III landfill cover when appropriately mixed with soil

The Department requests the Yard Trash Management Plan and a schedule for compliance by November 10, 1997. Demonstrating compliance shall include removal of all improperly disposed yard trash and yard trash stored longer than 12 months.

On all future correspondence, please include Robert Butera on distribution. If you have any questions you may call me at (813) 744-6100, extension 382. Your cooperation in resolving this matter will be greatly appreciated.

Sincerely,



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

KBF/ab

cc: Douglas Bramlett, Pasco County
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

October 9, 1997

Mr. Vince Mannella, P.E.
Solid Waste Management
Pasco County Utilities
7536 State Street
New Port Richey, FL 34654

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Mr. Vince Mannella, P.E.
Solid Waste Management
Pasco County Utilities

October 9, 1997
Page Two

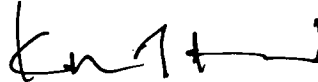
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Sincerely,



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

KBF/ab

cc: Douglas Bramlett, Pasco County
Robert Butera, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa

Department of Environmental Regulation
Routing and Transmittal Slip

To: (Name, Office, Location)

1. VINCE MANEILA
2. SOLID WASTE MANAGEMENT
3. PABLO COUNTY UTILITIES
4. 1536 STATE STREET

Remarks:

NEWPORT RICHEY, FL
34654

YOUR PERMIT REQUIRES
RETURN OR DISPOSAL

WITHIN 12 MONTHS FOR
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date of this new responsible individual. Copies of the training certificates for the newly assigned individual shall also be submitted.

PERMITTEE: Pasco County Board of
County Commissioners
Mr. Vince Mannella, P.E.

MIT NO: SO51-267334
West Pasco Class III
Landfill

SPECIFIC CONDITIONS:

6. **Special Wastes.** The design, operation, and monitoring of disposal or control of any "special wastes" shall be in accordance with F.A.C. 62-701.300(8), 62-701.520 and any other applicable Department rules, to protect the public safety, health and welfare.

- White goods or other discarded materials that are held for the purposes of recycling shall be held no longer than ninety (90) days unless covered, and 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. Surface water shall be diverted away from all storage or holding areas. Any processing or volume reduction of white goods or other discarded materials will require a modification of this permit.
- All solid wastes, recovered materials or residues handled at the site 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 or state regulations. Recovered resources which may be offered for sale shall comply with applicable regulations of all appropriate state agencies.
- Yard trash accepted at the site shall be processed and recycled, or disposed of within twelve months.
- The household hazardous waste collection/storage facility shall be operated in accordance with the Operating Plan and Contingency Plan by Pasco County submitted on May 22, 1995.
- White goods, contaminated soils, waste tires, and yard trash shall not be disposed of in the lined Class III Landfill.

7. **Landfill Operation Requirements.** The permittee shall operate this facility in accordance with F.A.C. 62-701.500, Landfill Operation Requirements, and the Landfill Operations Plan for Class III Landfill by Pasco County submitted on May 16, 1996.

8. **Operating Personnel.** As required by F.A.C. 62-701.500(1), at least one operator, trained in accordance with F.A.C. 62-703, shall be at the landfill at all times when the landfill receives waste. The permittee shall notify the Department in writing of a change of the primary on-site supervisor within 7 days of the effective start date of this new responsible individual. Copies of the training certificates for the newly assigned individual shall also be submitted.

waste to be non-hazardous. The chemical analysis of any such material so placed in the landfill, along with the customer's name and date of disposal, shall be kept on file by the operating authority on-site.

14. **Waste Handling Requirements.** All solid waste disposed of in the Class I area shall be covered as required by F.A.C. 62-701.500(7).

a. Initial cover shall be applied and maintained in accordance with F.A.C. 62-701.500(7)(e) so as to protect the public health and welfare. All solid waste disposed of in the Class I area must be covered with at least 6 inches of compacted earth or other suitable material as approved by the Department, at the end of each working day.

b. Alternate initial cover materials not identified herein shall be approved by the Department prior to use at the facility. For those areas where solid waste will be deposited on the working face within 18 hours, initial cover may consist of a temporary cover or tarpaulin.

- Waste tires that have been cut into sufficiently small parts, which means that 70 percent of the waste tire material is cut into pieces of 4 square inches or less and 100 percent of the waste tire material is 32 square inches or less, and applied in a six (6) inch compacted layer, may be used as initial cover within the bermed working area.

- Composted yard trash, unscreened, and then mixed in the ratio of 50% unscreened compost to 50% soil, and applied in a six (6) inch compacted layer may be used as initial cover within the bermed working area. 90% of the unscreened compost shall pass through a 3/4" screen prior to mixing with soil. At least one sample shall be tested annually to verify particle size distribution.

- Shredded asphalt roofing shingles, screened through a 1" mesh, and then mixed in the ratio of 50% shredded shingles to 50% soil, and applied in a six (6) inch compacted layer may be used as initial cover within the bermed working area.

Ground-up construction and demolition debris, unscreened, and applied in a six (6) inch compacted layer, may be used as initial cover within the bermed working area. 90% of the unscreened ground-up debris shall pass a 2" screen and 50% shall pass a 1/4" screen. At least one sample shall be tested weekly to verify particle size distribution. (If any inspections disclose problems with this cover, such as failure to meet the characteristics stated in 62-701, a higher percentage of soil may be required or approval as an alternative cover may be discontinued.)

- Composted yard trash, screened through 1/2" mesh, and then mixed in the ratio of 75% screened compost to 25% soil, and applied in a six (6) inch compacted layer may be used as initial cover, or applied in a one (1) foot compacted layer in addition to the six (6) inch initial cover may be used as intermediate cover.

c. Intermediate cover shall be applied and maintained in accordance with F.A.C. 62-701.500(7)(f). 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.

15. **Working Face.** As required by F.A.C. 62-701.500(7)(d), the permittee shall minimize the size of the working face to minimize the use of cover material. The permittee shall

Examples
of initial
cover
materials

RECYCLING YARD TRASH:

Best Management Practices Manual For Florida



In Conjunction
with the Florida Center
for Solid and Hazardous
Waste Management



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 4/9/97 Subject W Pasco Landfill
Time 8:45 Permit No. _____
County Pasco
M Vince Mannella Telephone No. (813) 8560119
Representing Pasco County
[] Phoned Me [☒] Was Called [] Scheduled Meeting [] Unscheduled Meeting
Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

- WE DISCUSSED SEVERAL ISSUES:
- (1) CLASS II CORN - VM WANTS TO USE 50/50 MIX OF MULCH & SOIL. KP SAID \$250 FEE FOR MOD. SUBMIT SITE ANALYSIS FOR PASSIVE 2", 1" & 1/2" AND DESCRIBE MIXING PROCEDURE, AND LOCATION & SIZE OF YT PILES.
 - (2) CLASS II - VM CURRENTLY REVIEWING CI OPS PLAN FOR SW-1 STOCKPILING & REMEDIATION & TANK USE AS PREVIOUSLY REQUESTED BY DEP
 - (3) WT SITE - VM SAID WILL MEET APRIL 30 DEADLINE FOR COMPLETION
 - (4) FIRE IN YT AREA NOT OUT YET. VM INTENDS TO TRY TO PUT IT OUT AFTER IT RECEIVES RAIN.

(continue on another
sheet, if necessary)

Signature [Signature]

Title _____



Kim *what's this about ???*

PASCO COUNTY, FLORIDA

RECEIVED

APR 03 1997

D E P

DADE CITY (904) 521-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8145
FAX (813) 847-8064

UTILITIES SERVICES BRANCH
PUB. WKS./UTILITIES BLDG., S-213
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

April 1, 1997

Mr. Kim Ford, P.E.
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

RE: Request for Permit Change, West Pasco Class III; Permit No. SO51-267334

Dear Mr. Ford:

I have been advised that for a nominal fee, Pasco County might be granted permission to modify the referenced permit. The change requested to permit is for a modified cover from earth to a 50/50 mix of earth and mulch which I am lead to believe is acceptable to the Florida Department of Environmental Protection.

Please advise me on what procedures I must follow including forms and cost of permit modification and I will proceed with the request.

Sincerely,

Vincent Mannella, P.E.

Solid Waste Facility Manager

VM/mvv

cc: Mr. Robert Butera, P.E., Florida Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, FL 33619-8318

John J. Gallagher, County Administrator

Douglas S. Bramlett, Assistant County Administrator (Utilities Services)

*GIVE THE PASCO FILES A
CONSIDERABLE REVIEW AND LET ME
KNOW IF VINCE HAS EVER
APPLIED FOR A PERMIT
MODIFICATION FOR PASCO
COUNTY.
URGENT REQUEST
RBT*



PASCO COUNTY, FLORIDA

RECEIVED


APR 03 1997

D E P

DADE CITY (904) 521-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8145
FAX (813) 847-8064

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PUB. WKS./UTILITIESBLDG., S-213
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

April 1, 1997

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Florida Department of
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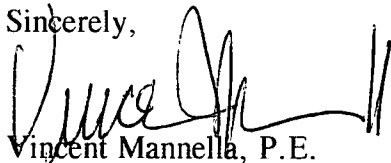
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John J. Gallagher, County Administrator
Douglas S. Bramlett, Assistant County Administrator (Utilities Services)

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
3804 COCONUT PALM DR.
TAMPA, FLORIDA 33619

11/23/91
11/23/91
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Protecting Florida and Your Quality of Life



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WPA3LP

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1/23/97



WPasco Cl 3
permit file

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

October 30, 1996

Ms. Candia E. Mulhern
Laboratory Manager
Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, Florida 34654

Subject: Groundwater Monitoring
East Pasco Landfill, Permit No. SO51-187368
West Pasco Class I, PA87-23
West Pasco Class III, Permit No. SO51-182279

Dear Ms. Mulhern:

The Solid Waste Section of the Florida Department of Environmental Protection (FDEP) has reviewed the groundwater quality sampling results for the East Pasco landfill, collected July 12-18, 1996; West Pasco Class I landfill, collected August 20-21, 1996; and West Pasco Class III landfill, collected July 19-August 6, 1996. It was noted that the method detection limits for several organic and inorganic parameters were greater than Florida's groundwater standards. These standards for Class G-2 groundwater are the same as the Drinking Water Standards that are listed in FAC 550.310 and .320. All monitoring for permitted sites must be conducted using method detection limits equal to or lower than the parameter's groundwater standard in order to demonstrate compliance/noncompliance with Florida's groundwater criteria and standards (FAC 62-520.400 and .420). A quick review of method detection limits for these sites showed the following parameters did not meet the standards for some or all wells tested:

Inorganic

Antimony
Thallium
Arsenic
Cadmium
Lead
Selenium

Organic

Benzene
Carbon tetrachloride
1,2-dichloroethane
Tetrachloroethene
Trichloroethene
Vinyl Chloride

Due to the water quality history at East Pasco, this site must be resampled for these parameters using the appropriate method detection limits to demonstrate the facility's compliance with Florida's groundwater criteria and standards. These sample results should be submitted to the FDEP by **December 30, 1996**. The West Pasco landfills do not need to be resampled as these parameters have not exceeded Florida's groundwater quality criteria and standards in the past. All future sampling events for FDEP-permitted facilities should be analyzed using the correct detection limits.

Groundwater Contour Maps

The groundwater contour maps submitted with the East Pasco monitoring results show water elevations collected over a 3-day period for the surficial aquifer, and over a 6-day period for the

Ms. Candia Mulhern
October 30, 1996
Page 2

Floridan aquifer. As previously requested by the FDEP, these groundwater contour maps should use groundwater elevations measured over a short period of time. Measurements should be collected within one day for the best evaluation of groundwater flow conditions. Please collect groundwater elevations in one day for all future groundwater flow maps. In addition, the groundwater elevation for monitoring well F-2 was recorded as 71.02 feet on the groundwater reporting form, and was recorded as 71.62 feet on the map. Please clarify which elevation is correct, and submit a revised map if necessary.

If you have any questions, please contact me at 813/744-6100, ext. 336.

Sincerely,



Allison Amram, P.G.
Solid Waste Section

cc: Vince Mannella, P.E., Pasco County Utilities, Public Works/Utilities Bldg S-205, New Port Richey, FL 34654
George Ellsworth, Law Engineering and Environmental Services, 4919 W. Laurel Street, Tampa, FL 33607
Danielle Nichols, FDEP

FAX**Date** 10/23/96**Number of pages including cover sheet** 2**TO:** Susan Pelz, P.E.

Kim Ford, P.E.

Bob Butera, P.E.

Phone SC 813-542-6100**Fax Phone** 813-744-6125**CC:****FROM:**

David Mason

Florida Department of
Environmental
Protection EPTwin Towers Office
Building

2600 Blair Stone Road

MS #4565

Tallahassee, Florida
32399-2400**Phone** 904-488-0300**Fax Phone** 904-414-0414**REMARKS:** ☐ Urgent ☐ For your review ☐ Reply ASAP ☐ Please Comment

Just wanted to let you know that some of the Pasco County financial assurance problems are resolved. Outstanding landfills include West Pasco Class I - SW-I and I-AI landfills.

Thanks for the help.





Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road MS #4565
Tallahassee, Florida 32399-2400

Virginia B. Wecherell
Secretary

October 23, 1996

Mr. Jay Kominsky
Director, Financial Services
Pasco County
Post Office Drawer 338
New Port Richey, Florida 34656-0338

RE: GMS 4051M30035 - West Pasco Class III Landfill, Pasco County, Florida
GMS 4051C00027 - East Pasco Landfill, Pasco County, Florida
GMS 4051C03028 - Ridge Road Landfill, Pasco County, Florida
GMS 4051M30035 - Materials Recovery Facility, Pasco County, Florida

Dear Mr. Kominsky:

I reviewed the documentation submitted to demonstrate financial assurance for the above referenced facilities and find it in order. Your letter of October 23, 1996, provides adequate assurance that the funds necessary to meet the minimum funding requirements of Rule 62-701.630, Florida Administrative Code, are held for landfill closure and or long-term care. Although your letter provides adequate funding documentation at this time, remember, your next independent auditors report on the landfill management escrow account is due by March 31, 1997.

If you have any questions, please contact me at (904) 488-0300.

Sincerely,

David W. Mason
Environmental Specialist
Solid Waste Section

cc: Bob Butera
Susan Pelz
Kim Ford
Fred Wick
Robert Sigmond

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

Printed on recycled paper.



WPA, SCO CEA permit
FILE

PASCO COUNTY, FLORIDA

D.E.P.

OCT 25 1996

SOUTHWEST DISTRICT
TAMPA

DADE CITY (904) 521-4274
LAND O'LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8040
FAX (813) 847-8064

UTILITIES CONSTRUCTION AND
CONTRACT MANAGEMENT DEPT.
PUB. WKS./UTILITIES BLDG., S-205
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

October 23, 1996

Ms. Danielle Nichols
Environmental Specialist
Solid Waste Section
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318


RE: Storm Damage from Hurricane Josephine

Dear Ms. Nichols:

Please be advised that all the emergency storage of storm damage debris that was placed on the asphalt pad in the vicinity of the Class III landfill has been removed. All storm damage material taken from that pad has been delivered to the Resource Recovery Plant for final disposition.

This letter is in conformance with our basic agreement to keep the Tampa DEP more informed of what we are doing in Pasco County.

Sincerely,


Vincent Mannella, P.E.,
Acting Utilities Construction
and Contract Management Director

VM/mr

cc: Robert Butera, Waste Management, FDEP
Kim Ford, Solid Waste, FDEP.
✓ Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Ron Walker, Solid Waste Superintendent

10-23-1996 9:50AM

FROM ENVIRONMENTAL 813 847 8064

CIT PERMIT
FILE

PASCO COUNTY, FLORIDA

NEW PORT RICHEY (813) 847-8145
SUNCOM 596-8145

UTILITIES SERVICES BRANCH
PUB. WKS./UTILITIES BLDG., S-205
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

FACSIMILE TRANSMISSION

TO:

Kim Ford

813-744-6125

FROM:

BOB SIGMOND

DATE:

10-23-96

RE:

letter to Dave Munson

REMARKS:

TRANSMITTING 2 PAGES INCLUDING COVER SHEET.

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL _____

AT (813) 847-8145 OR (813) 847-8041
SUNCOM 596-8145

OUR FACSIMILE NUMBER IS (813) 847-8064 OR SUNCOM 596-8064.

JED PITTMAN CLERK

1-352-521-4141

OCT 23 '96

10:21 No.003 P.01



PASCO COUNTY, FLORIDA

October 23, 1996

Mr. Fred Wick
Solid Waste Section
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2407

RE: PASCO COUNTY - Letter of Understanding - Landfill Closure and
Long-Term Care

Dear Mr. Wick:

At the request of the County and based on their calculations, using the adjusted cost estimates for closure and long-term care approved by the Department of Environmental Protection, funds have been restricted (B450-101516) for financial assurance as follows:

West Pasco Class III	\$171,765.00
Ridge Road Landfill	52,868.00
Material Recovery Facility	7,801.00
East Pasco Landfill (107 acres)	192,081.00
East Pasco Landfill (13 acres)	523,492.00

The West Pasco Class I-SW-I and I-AI have restricted funds of \$119,763.00 and \$621,727.00 respectively, based on 1995 calculations, pending receipt of the current years reports.

Sincerely,


Jay Kominsky
Director, Financial Services

cc: Dave Mason, Environmental Specialist, Tallahassee
Robert Butera, P.E., FDEP, Tampa
Robert Sigmond, Pasco County Utilities Fiscal Services
Director

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 10/21/96 Subject GW Monitoring Results
Time 2:35 Permit No. _____
County Pasco
M Candy Mulhern Telephone No. 813/847-8145
Representing Pasco Co Env Lab
[] Phoned Me [x] Was Called [] Scheduled Meeting [] Unscheduled Meeting
Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting

Called to ask why higher MCLs were used on the
E. Pasco & W. Pasco Cl 3 gw - organics
done by Method 8260A - missed MCL's for
benzene, carbon tetrachloride, 1,2-dichloroethane,
trichloroethene, tetrachloroethene, vinylchloride.

Metals: Sb, Ti - all wells
some wells also missed As, Cd, Pb, Se

She doesn't know what happened at the lab.
She will find out & call me. cl told her that
it may be included in an enforcement
letter to the County to ensure that it is
corrected quickly.

(continue on another
sheet, if necessary)

Signature A. Amram
Title PGI

PA-01
1/96
pap

When they request Appendix I, they are using
non-sinking water methods (environmental
methods) which cannot achieve the lower MCLs.



PASCO COUNTY, FLORIDA

DADE CITY (904) 521-4274
 LAND O' LAKES (813) 996-7341
 NEW PORT RICHEY (813) 847-8040
 FAX (813) 847-8064

UTILITIES CONSTRUCTION AND
 CONTRACT MANAGEMENT DEPT.
 PUB. WKS./UTILITIES BLDG., S-205
 7530 LITTLE ROAD
 NEW PORT RICHEY, FL 34654

October 18, 1996

Ms. Susan J. Pelz, E.I.
 Solid Waste Section
 Division of Waste Management
 Florida Department of
 Environmental Protection
 3804 Coconut Palm Drive
 Tampa, FL 33619-8318

RE: Financial Responsibility - West Pasco Class III Landfill
 Permit No. S051-267334: Design Life and Calculations
 Financial Responsibility - East Pasco Class I Landfill
 Permit No. S051-274380: Design Life and Calculations

Dear Ms. Pelz:

In a concerted effort to resolve the capacity of East Pasco Sanitary Landfill and in extensive conversations with Mr. Ford, the attached revised calculations are submitted.

May I bring to your attention that this Solid Waste Facility has been closed to the general public as of September 30, 1996, and will be utilized for Pasco County only. The last 12 months reported 3973.43 tons delivered to the site. I am estimating that Pasco County will deliver to the East Pasco Sanitary Landfill not more than 1,000 tons in any 12 month period.

I will be sending to you in the near future the legal Board of County Commissioners action by unanimous vote to close the East Pasco Sanitary Landfill and I will be requesting by revision an extension of East Pasco Sanitary Landfill capacity life. Thank you for your kind consideration.

Sincerely,

Vince Mannella, P.E.
 Acting Utilities Construction
 and Contract Management Director

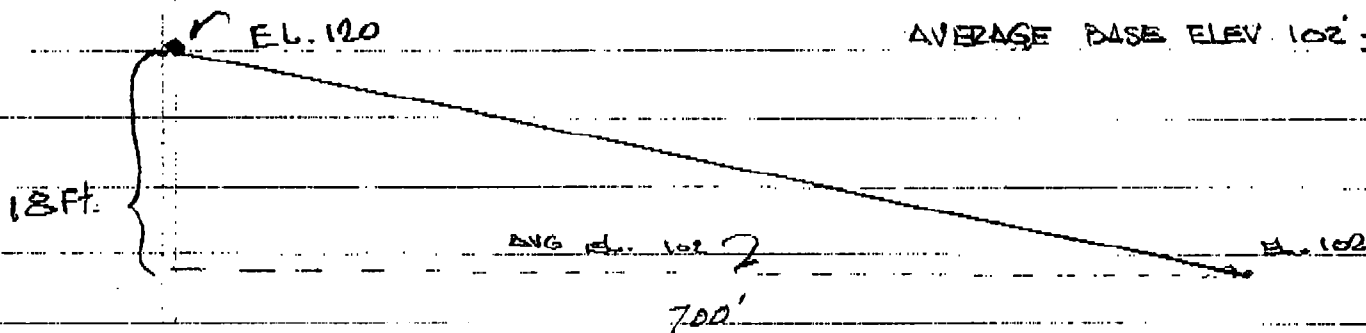
Attachment

Post-It™ brand fax transmittal memo 7671		# of pages > 2
To KIM FORD	From VINCE MANNELLA	
Co.	Co. PASCO COUNTY	
Dept.	Phone # 847-8060	
Fax # 744-6084	Fax # 847-8064	

cc: Robert Butera, P.E., Waste Management, FDEP
 Kim Ford, Solid Waste Perm., FDEP
 Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
 Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director

EAST PASCO CO. SANITARY LANDFILL CAPACITY CALCULATIONS

JUNE 1995

WORKING AREA \pm AVERAGE BASE ELEV. 102' \pm 

$$\frac{1}{2} 18 \times 700 = 6300 \text{ sq ft} \times 800' = 5,040,000 \text{ cu ft}$$

$$5,040,000 \div 27 = 186,000 \text{ CY}$$

WASTE QUANTITY REPORTS 3973.43 Y/yr

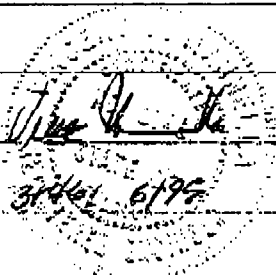
$$3973.43 \text{ Y}/\text{yr} \times 2000 \text{ #}/\text{TON} = 7,946,840 \text{ #}$$

$$\frac{7,946,840 \text{ #}}{1000 \text{ #}/\text{CY}} = 7946.84 \text{ CY}/\text{yr}$$

$$\frac{186,000 \text{ CY Remaining}}{7946.84 \text{ CY}/\text{yr}} = 17.11 \text{ years}$$

NO GROWTH
NO COVER

$$17.11 \text{ YRS} \times 0.75 (\text{COVER}) \times 0.75 (\text{GROWTH}) = 9.62 \text{ YRS Say } \underline{9 \text{ YRS}}$$





PASCO COUNTY, FLORIDA

NEW PORT RICHEY (813) 847-8145
SUNCOM 596-8145

UTILITIES SERVICES BRANCH
PUB. WKS./UTILITIES BLDG., S-205
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

FACSIMILE TRANSMISSION

TO:

Kim Fono

FROM:

Robert J. Sigmund

DATE:

10-17-96

RE:

Design life years
of permit application

REMARKS:

East Pasco Landfill

West Pasco Clean III

TRANSMITTING 4 PAGES INCLUDING COVER SHEET.

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL _____

AT (813) 847-8145 OR (813) 847-8041
SUNCOM 596-8145

OUR FACSIMILE NUMBER IS (813) 847-8064 OR SUNCOM 596-8064.



PASCO COUNTY, FLORIDA

DADE CITY (904) 521-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8145

UTILITIES SERVICES BRANCH
PUB. WKS./UTILITIES BLDG., S-205
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

March 10, 1995

Mr. Kim Ford, P.E.
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

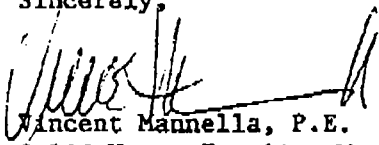
RE: West Pasco Class III Permit No. 50-51-182279
Renewal - Operating Permit

Dear Mr. Ford:

I have enclosed herewith four (4) copies of the completed application from, DEP 62-701.900 (1) requesting renewal of the West Pasco County Class III Landfill. A check in the amount of \$4000.00 is also included as the permit fee. The present permit expires June 22, 1995.

Please call me direct at (813) 847-8145 should you have any questions.

Sincerely,

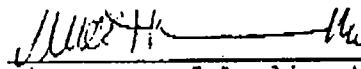

Vincent Mannella, P.E.
Solid Waste Facility Manager

VM/ims

Enclosure

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)

9. Authorized agent/Consultant: Vince Mannella P.E.
- Mailing address: 14230 Hays Road Spring Hill Fl. 34610
 Street or P.O. Box City State Zip
- Contact person: Vince Mannella P.E. Telephone: (813) 847-8145
- Title: Solid Waste/Resource Recovery Facility Manager
10. Landowner(if different than applicant): Pasco County Board of County Commissioners
- Mailing address: 7530 Little Rd. West Pasco Government Ctr. New Port Richey, Fl. 34654
 Street or P.O. Box City State Zip
- Contact person: Mr. John Gallagher Telephone: (813) 847-8115
11. Cities, towns and areas to be served: Pasco County; 150 T/D Hernando County;
50 T/D Plant City; 50 T/D Citrus County
12. Population to be served:
 Current: 390,000 Five-Year Projection: 409,500
13. Volume of solid waste to be received: 900 T/D yds³/day tons/day gallons/day
14. Date site will be ready to be inspected for completion: N/A
15. Estimated life of facility: 50 years
16. Estimated costs:
 Total Construction: \$ N/A Closing Costs: \$ N/A
17. Anticipated construction starting and completion dates:
 From: N/A To: N/A



Signature of Applicant or Agent

Vincent F. Mannella P.E.
Name and Title
Solid Waste Facility Manager
Date: March 10, 1995

Attach letter of authorization if agent is not a governmental official, owner, or corporate officer.

- B. Professional Engineer Registered in Florida or Public Officer as required in Section 403.707 and 403.707(5), Florida Statutes.

This is to certify that the engineering features of this solid waste management facility have been designed/examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, this facility, when properly maintained and operated, will comply with all applicable statutes of the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a set of instructions of proper maintenance and operation of the facility.

 PE.
Signature
Vincent Mannella, P.E. Solid Waste Facility Manager
Name and Title (please type)
Spring Hill, Fl. 34610
City, State, Zip Code
14230 Hays Road
Mailing Address
813) 847-8145
Telephone Number
March 10, 1995
Date
P.E. 31461
Florida Registration Number
(Please affix seal)

Date: 10/17/96 05:47:16 PM
From: Susan Pelz TPA
Subject: Pasco Design Life
To: David Mason TAL
CC: Robert Butera TPA
CC: Kim Ford TPA

David,

West Pasco CIII:

The information I received (via fax-from Bob Sigmond to Kim) today for the increased design life for the West Pasco CIII is acceptable. The design life is 50 years beginning in April 1990 and covers 20 acres.

East Pasco:

The information I received today (via fax from Bob Sigmond to Kim) for the design life of 20 years for East Pasco Class I Landfill, 13 acres is NOT APPROVED. Based on data (waste quantity reports-June 1995 through June 1996) submitted to the Department, and using the estimated capacity (136,000 cubic yards as of June 1995) provided in today's fax, it appears that the expected life is approximately 11 years from June 1995. Based on the data that I have reviewed, I cannot approve the design life of 20 years. Pasco County may elect to re-evaluate their design life estimate, or may provide documentation which demonstrates that the design life is 20 years.

Thanks, Susan



PASCO COUNTY, FLORIDA

NEW PORT RICHEY (813) 847-8145
SUNCOM 596-8145

UTILITIES SERVICES BRANCH
PUB. WKS./UTILITIES BLDG., S-205
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

FACSIMILE TRANSMISSION

TO:

KIM FORD(813) 744-6125

FROM:

BOB SIGMOND

DATE:

10-17-96

RE:

CLASS III
CALCULATION

REMARKS:

TRANSMITTING

2

PAGES INCLUDING COVER SHEET.

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL

MARY

AT (813) 847-8145 OR (813) 847-8041
SUNCOM 596-8145

OUR FACSIMILE NUMBER IS (813) 847-8064 OR SUNCOM 596-8064.

WEST PASCO CLASS III

FEB. 1996

PROJECTED LIFE

CLASS III ACRES @ 5 AC EA = 20 AC

FIRST 5A^c cell - 6 YEARS USE

$$(5) 43,560 \text{ sq ft} \times 6 \div 27 = 48,400 \text{ CY} / 6 \text{ YRS OR } \underline{8,067 \text{ CY/YR}}$$

TOTAL VOLUME:

$$43,560 \times 20 \text{ AC} = 871,200 \text{ sq ft FULL AREA}$$

CLOSE OUT ELEV. 150'

BASE ELEV. 50

HEIGHT $\Delta = 100'$

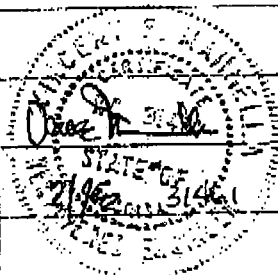
CLOSE OUT VOLUME

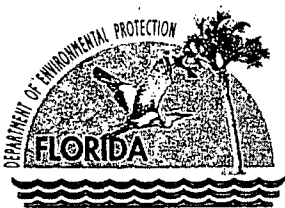
$$\frac{1}{3} \times 871,200 \text{ sq ft} \times 50' \div 27 = 532,400 \text{ CY.}$$

$$532,400 \text{ CY} \div 8067 \text{ CY/YR} = 66 \text{ YEARS (BASED ON NO GROWTH)}$$

INCREASE POPULATION (EST.)

$$66 \text{ YRS} \times .75 = 49.5 \text{ SAY } 50 \text{ YRS}$$





Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Douglas Bramlett, Assistant County Administrator
Pasco County Utilities Services
7530 Little Road
New Port Richey, FL 34654

October 10, 1996

RE: Financial Assurance Cost Estimates
West Pasco Class III Landfill, Permit No.: SO51-267334, Pasco County

Dear Mr. Bramlett:

This letter is to acknowledge receipt of the revised cost estimates, prepared by Law Engineering and Environmental Services, dated October 7, 1996, for closure and long-term care of the West Pasco Class III Landfill and Waste Tire Facility. The cost estimates as revised October 7, 1996 (\$1,431,379 total closing and \$86,615/year x 30 years=\$2,598,443 total LTC) are **APPROVED**. The next annual update (revised or inflation-adjusted estimates) is due no later than September 1, 1997.

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of FAC 62-701.630.

If you have any questions, you may contact me at (813) 744-6100 ext. 386.

Sincerely,

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

sjp
cc:

Robert J. Sigmond, Pasco County Utilities Fiscal Services, 7530 Little Rd., New Port Richey, FL 34654
Vincent Mannella, P.E., Pasco County Resource Recovery, 14230 Hays Road, Spring Hill, FL 34610
Richard E. Mayer, P.E., Law Environmental, PO Box 24183, Tampa, FL 33623
Fred Wick, FDEP, Tallahassee, w/attachment
Frances Keith, FDEP Tallahassee
Robert Butera, P.E., FDEP Tampa
Allison Amram, P.G., FDEP Tampa
Steve Morgan, FDEP Tampa
Kim Ford, P.E., 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

FACSIMILE TRANSMISSION SHEET

DATE 10-8-96

TO:

Bob Butera RB
DEPT: DEP - SWD - SWaste
PHONE: FAX 744-6125

FROM:

Rodney
DEPT.: DEP, SOUTHWEST DISTRICT
PHONE: (813) 744-6100 SUNCOM 542-6100 EXT. 124

OPERATOR: _____ EXT. _____

SUBJECT:

Fire @ Pasco County's mulch pile

TOTAL NUMBER OF PAGES, INCLUDING COVER PAGE: 2

AIR PROGRAM FAX NUMBER IS (813) 744-6458
SUNCOM 542-6458

Oct. 7, 96 @ 9:45 AM

- Tom ~~W~~ NEISS - DOF - AREA SUPERINT.
813 996 - 3236
- PASCO COUNTY MULCH YARD @
PASCO Co. RRF
- COUNTY STOCK PILED MULCHED YARD WASTE.
PILE CAUGHT FIRE YESTERDAY
AT THIS TIME 5440 yd³ BURNING
- TOM FEELS THE STOCKPILING PRACTICE
BEING USE IS ~~NOT~~ ~~SAFE~~ FIRE HAZARD
- DEP INPUT WELCOME

~~~~~ Above info taken by Andy Nguyen, Air Compliance ~~~~~

10-8-96 ~ 10:00 AM I called Mr. Neiss of DOF.

He said the fire was in the pile of debris waiting to be chipped/mulched. Apparently the county had gotten behind in their chipping.

The material had been compacted by a loader.

The burning pile is located under a power line. Flyash or soot may negatively affect the power transmission capacity of the line.

The county has now started a new pile, also under the power line. I told him that SW section would likely take the lead for DEP in this matter.

~~Andy Nguyen~~ Phillips

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHWEST DISTRICT

## CONVERSATION RECORD

SP 2/19  
AA 10/2  
KF  
SM

Date 10-2-96 Subject FINANCIAL  
Time 11:10 Permit No. VARIOUS  
County PALCO  
M. R. VINCE MANELLA Telephone No. 813-847-8640  
Representing \_\_\_\_\_  
☒ Phoned Me ☐ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting  
Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

## Summary of Conversation/Meeting

- (1) VINCE PROMISED THAT COST ESTIMATES FOR EPALCO CLE, W.T./CUTL AND RIDGE RD. WOULD BE SUBMITTED TO FDEP BY OCT. 8, 1996. MR. Dick Mayer WILL HAND CARRY TO SP. ELZ. HE SAW NO REASON WHY THE FINANCIAL COULD NOT BE IN PLACE BY OCT. 3, 1996 AND ASSURED ME THAT DOUG BRANLITT WOULD EXPEDITE.
- (2) AS FAR AS A-1, A-2 & SW-1, HE STATED THAT DOUG BRANLITT WAS UNAWARE OF FINANCIAL NOT BEING IN PLACE. VINCE STATED THAT DOUG BRANLITT WOULD CONTACT ROBERT SIGMUND ASAP AND ATTEMPT TO FIND OUT WHAT HAPPENED TO THE FUNDING. <sup>look + 23 x</sup> HE PROMISED THAT COST ESTIMATES FOR A-1, A-2 & SW-1 WOULD BE SUBMITTED TO FDEP BY NOV. 12, 1996. ONCE ESTIMATES ARE APPROVED HE WOULD HAVE AN AGENDA REQUEST MEMO TO ADD IT TO THE AGENDA FOR THE NEXT BOARD MEETING. THE AGENDA REQUEST COULD BE DRAFTED BY VINCE AS EARLY AS NOV. 22, 1996 IN WHICH THE DEPARTMENT WOULD BE C.C.D. VINCE STATED THAT REALISTICALLY THE

(continue on another  
sheet, if necessary)

Signature

Title

Robert J. Sigmund  
P.E. III

PA-01  
1/96  
pap

→ FUNDING WOULD BE IN PLACE WITHIN 30-60 DAYS AFTER BOARD APPROVAL. I AGREED TO THE ABOVE BUT IT DOES NOT TERMINATE ENFORCEMENT FOR A-1-A-2 & SW-1. NOT DISCLOSED IS THE AGENDA REQUEST FOR THE NOV. 22, 1996 LTD

NOTE: COUNTY WAS IN PROCESS OF CUTTING A PURCHASE ORDER TO AUTHORIZE LAW ENVIRONMENTAL TO CONDUCT WORK.

East Pasco Permit #6  
West  
CL3

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 7/31/96  
Time 1:45

Subject Class 3 / East Pasco Gas  
Permit No. \_\_\_\_\_  
County Pasco

M Candia Mulhearn

Telephone No. \_\_\_\_\_

Representing Pasco Utilities

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

Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting

Well 4MW3A - previously obstructed @ 23'  
<sup>(diversified)</sup>  
driller cleared previously - now obstructed  
again. She wants to have a driller try  
& free - if he can't, then they will  
abandon & install another well. cl. told  
Candia that installation of a new well  
requires a permit modification.  
(Jan 1996 - ltr from Candia - proposed new well location,  
construction, but named wrong well).

East Pasco - They measured water levels last time.  
gas meter - factory calibrated every 6 months  
calibrate 7. LEL & CH<sub>4</sub> prior to use

(continue on another  
sheet, if necessary)

Signature Allison Amram

Title PGI

PA-01  
1/96  
pap

- Note - well cleared, sampled 8/6/96

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

# DISTRICT ROUTING SLIP

To: Kerry Anderson DATE: 7/12

on

Virginia B. Wetherell  
Secretary

CC To:

|                     |                                     |  |
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| <b>PENSACOLA</b>    | <b>NORTHWEST DISTRICT</b>           |  |
| Panama City         | Northwest District Branch Office    |  |
| Tallahassee         | Northwest District Branch Office    |  |
| Sopchoppy           | Northwest District Satellite Office |  |
| <b>TAMPA</b>        | <b>SOUTHWEST DISTRICT</b>           |  |
| Punta Gorda         | Southwest District Branch Office    |  |
| Bartow              | Southwest District Satellite Office |  |
| <b>ORLANDO</b>      | <b>CENTRAL DISTRICT</b>             |  |
| Melbourne           | Central District Satellite Office   |  |
| <b>JACKSONVILLE</b> | <b>NORTHEAST DISTRICT</b>           |  |

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| <b>FORT MYERS</b>      | <b>SOUTH DISTRICT</b>            |  |
| Marathon               | South District Branch Office     |  |
| <b>WEST PALM BEACH</b> | <b>SOUTHEAST DISTRICT</b>        |  |
| Port St. Lucie         | Southeast District Branch Office |  |

62-4, 62-522, 62-  
by authorized to  
the application and  
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☐ Reply Optional  
Date Due: \_\_\_\_\_  
☐ Reply Required  
Date Due: \_\_\_\_\_  
☐ Info Only

Comments:

you copy for  
your files  
W. PARKER C. III LF

From:

Anderson

Tel.:

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Pasco Class III  
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08-18-93

be initiated to assure compliance with the conditions of this permit.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
3804 COCONUT PALM DR.  
TAMPA, FLORIDA 33619

6/19/96  
J. H. [unclear]  
[unclear]

*Protecting Florida and Your Quality of Life*





W PAS<sup>40</sup>  
CUI

6/7/96



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## NOTICE OF PERMIT

MAY 20 1996

Pasco County Board of  
County Commissioners  
c/o Mr. Vince Mannella, P.E.  
7530 Little Road  
West Pasco Government Center  
New Port Richey, FL 34654

Dear Mr. Mannella:

Enclosed is Permit Number **8051-267334**, for operation of the existing landfill, issued pursuant to Section(s) 403.087(1), Florida Statutes.

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

When the Order (Permit) is final, any party to the Department has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

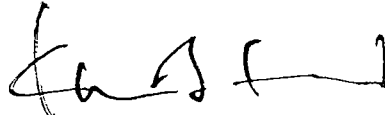
Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.  
West Pasco Class III Landfill

Page Two  
Permit No.: S051-267334

MAY 20 1996

Executed in Tampa Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



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

KBF/ab  
Attachment

cc: Douglas Bramlett, Pasco County  
Robert Butera, P.E., FDEP Tampa  
Steve Morgan, FDEP Tampa

-----  
**CERTIFICATE OF SERVICE**

This is to certify that this NOTICE OF PERMIT and all  
copies were mailed before the close of business on  
MAY 20 1996 to the listed persons.

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



Clerk  
Date

MAY 20 1996

RULES OF THE ADMINISTRATION COMMISSION, MODEL RULES OF PROCEDURE  
CHAPTER 28-5, DECISIONS DETERMINING SUBSTANTIAL INTERESTS  
PART II, FORMAL HEARINGS  
A) PREHEARING PROCEDURES

28-5.201 Initiation of Formal Proceedings.

(1) Initiation of formal proceedings shall be made by petition to the Agency responsible for rendering final Agency action. The term petition as used herein includes any application or other document which expresses a request for formal proceedings. Each petition should be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double-spaced and indented.

(2) - All petitions filed under these rules should contain:

(a) The name and address of each Agency affected and each Agency's file or identification number, if known;

(b) The name and address of the petitioner or petitioners, and an explanation of how his/her substantial interests will be affected by the Agency determination;

(c) A statement of when and how petitioner received notice of the Agency decision of intent to render a decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A demand for relief to which the petitioner deems himself entitled; and

(g) Other information which the petitioner contends is material.

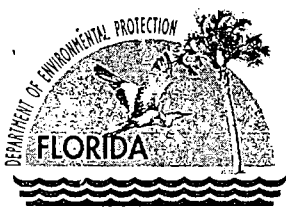
(3) Upon receipt of a petition for formal proceedings, the Agency shall either accept or deny the petition, and if accepted shall elect either to conduct the hearing itself through the Agency head, or member thereof, assign a person authorized by Subsection 120.57(1)(a) or other authority, or request that a Hearing Officer from the Division of Administrative Hearings be assigned to conduct the hearing.

(a) A petition may be denied if the petitioner does not state adequately a material factual allegation, such as a substantial interest in the Agency determination, or if the petition is untimely.

(b) The Agency shall promptly give written notice to all parties of the action taken on the petition, and shall state with particularity its reasons therefor.

(4) If the Agency elects to request that a Hearing Officer of the Division of Administrative Hearings be assigned to conduct the hearing, the Agency shall forward the petition, and all materials filed with the Agency, to the Division of Administrative hearings, and shall notify all parties of its action.

Specific Authority: 120.53(1), 120.54(10), F.S.  
Law Implemented: 120.57, F.S.  
History: New 3-23-80



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## PERMITTEE

Pasco County Board of  
County Commissioners  
c/o Mr. Vince Mannella, P.E.  
7530 Little Road  
West Pasco Government Center  
New Port Richey, FL 34654

## PERMIT/CERTIFICATION

GMS ID No: 4051M30035  
Permit No: **SO51-267334**  
Date of Issue: **05/20/1996**  
Expiration Date: **05/15/2001**  
County: Pasco  
Lat/Long: 28°22'05"N  
82°33'30"W  
Sec/Town/Rge: 25 & 26/24S/17E  
Project: West Pasco  
Class III Landfill

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-522, 62-550, and 62-701. 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 and maintain a landfill and related facilities (approximately 20 acres), referred to as the West Pasco Class III Landfill, subject to the specific and general conditions attached, for disposal of solid waste, located at 14606 Hays Road, 3 miles north of County Road 52, Spring Hill, Pasco County, Florida. The specific conditions attached are for the operation of:

1. Class III Landfill Disposal Facility

Replaces Permit No.: SO51-182279

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 may be initiated to assure compliance with the conditions of this permit.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-26733  
West Pasco Class III  
Landfill

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 403.861, 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 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.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: S051-267334  
West Pasco Class III  
Landfill

**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.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

**GENERAL CONDITIONS:**

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

11. This permit is transferable only upon Department approval in accordance with Rule 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.



PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

GENERAL CONDITIONS:

(c) Records of monitoring information shall include:

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

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware 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.

**PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.**

**PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill**

**SPECIFIC CONDITIONS:**

1. **Landfill Designation.** This site shall be classified as a Class III landfill and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-520, 62-522, 62-550, 62-701 and 62-703, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

2. **Permit Application Documentation.** This permit is valid for operation of the Class III landfill and related facilities in accordance with the reports, plans and other information as follows:

- Operation Permit Application by Pasco County submitted on March 17, 1995;
- Supporting information and Household Hazardous Waste Facility Operation and Contingency Plans by Pasco County submitted on May 22, 1995;
- Permit/Construction Drawings and Record Drawings by CDM and supporting information by Pasco County submitted on July 7, 1995;
- Supporting information by Pasco County submitted August 25 and November 3, 1995;
- Landfill Operations Plan by Pasco County submitted on May 16, 1996;
- and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.** Any activities 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. Permits shall be modified in accordance with the requirements of 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.

4. **Permit Renewal.** As required by F.A.C. 62-4.090(1), no later than **sixty (60) 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. Failure to comply with this condition may result in facility operation without a permit. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

5. **Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

**SPECIFIC CONDITIONS:**

6. **Special Wastes.** The design, operation, and monitoring of disposal or control of any "special wastes" shall be in accordance with F.A.C. 62-701.300(8), 62-701.520 and any other applicable Department rules, to protect the public safety, health and welfare.

- White goods or other discarded materials that are held for the purposes of recycling shall be held no longer than ninety (90) days unless covered, and 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. Surface water shall be diverted away from all storage or holding areas. Any processing or volume reduction of white goods or other discarded materials will require a modification of this permit.
- All solid wastes, recovered materials or residues handled at the site 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 or state regulations. Recovered resources which may be offered for sale shall comply with applicable regulations of all appropriate state agencies.
- Yard trash accepted at the site shall be processed and recycled, or disposed of within twelve months.
- The household hazardous waste collection/storage facility shall be operated in accordance with the Operating Plan and Contingency Plan by Pasco County submitted on May 22, 1995.
- White goods, contaminated soils, waste tires, and yard trash shall not be disposed of in the lined Class III Landfill.

7. **Landfill Operation Requirements.** The permittee shall operate this facility in accordance with F.A.C. 62-701.500, Landfill Operation Requirements, and the Landfill Operations Plan for Class III Landfill by Pasco County submitted on May 16, 1996.

8. **Operating Personnel.** As required by F.A.C. 62-701.500(1), at least one operator, trained in accordance with F.A.C. 62-703, shall be at the landfill at all times when the landfill receives waste. The permittee shall notify the Department in writing of a change of the primary on-site supervisor within 7 days of the effective start date of this new responsible individual. Copies of the training certificates for the newly assigned individual shall also be submitted.

**PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.**

**PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill**

**SPECIFIC CONDITIONS:**

9. **Operation Plan and Operating Record.** Each landfill owner or operator shall have an operational plan which meets the requirements of F.A.C. 62-701.500(2). A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. An operating record as required by F.A.C. 62-701.500(3) is part of the operations plan, and shall also be maintained at the site.

10. **Method and Sequence of Filling.** The method and sequence of filling shall be in accordance with the Landfill Operations Plan for Class III Landfill by Pasco County submitted on May 16, 1996.

11. **Waste Records.** Waste quantity records shall be maintained as required by F.A.C. 62-701.500(4) and submitted **quarterly; by Jan. 15th, April 15th, July 15th, and Oct. 15th.**

12. **Control of Access.** Access to, and use of, the facility shall be controlled as required by F.A.C. 62-701.500(5).

13. **Monitoring of Waste.** Wastes shall be monitored as required by F.A.C. 62-701.500(6). The permittee shall not accept hazardous waste or any hazardous substance for disposal at this site. Hazardous waste is a waste identified in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

14. **Waste Handling Requirements.** All solid waste disposed of in the Class III area shall be handled as required by F.A.C. 62-701.500(7). Initial cover shall be applied and maintained in accordance with F.A.C. 62-701.500(7)(e) so as to protect the public health and welfare. Intermediate cover shall be applied and maintained in accordance with F.A.C. 62-701.500(7)(f).

All solid waste disposed of in the Class III 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 work week. 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.

15. **Working Face.** As required by F.A.C. 62-701.500(7)(d), the permittee shall minimize the size of the working face to minimize leachate, and unnecessary use of cover material. The permittee shall maintain the working face of a cell only wide enough to efficiently accommodate vehicles discharging waste and to minimize the exposed area. Interceptor berms shall be maintained around the active working area to prevent leachate runoff from the working face from entering the stormwater management system. Runoff from outside the bermed working face area will be considered stormwater only if the flow passes over areas which have no exposed waste.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: S051-267334  
West Pasco Class III  
Landfill

**SPECIFIC CONDITIONS:**

16. **Final Cover.** Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed in accordance with F.A.C. 62-701.500(7)(g) and all applicable requirements of Department rules.

17. **Leachate Management.** Leachate shall be managed in accordance with the requirements of F.A.C. 62-701.500(8), and the Landfill Operations Plan for Class III Landfill by Pasco County submitted on May 16, 1996. Each pump station shall be inspected on a semi-annual basis. Pump performance shall be verified and current draw recorded. Pumps showing reduced performance shall be removed for maintenance and a replacement pump installed immediately. Leachate generation reports shall be compiled monthly and submitted to the Department as requested. Leachate generation reports shall include the number of open, intermediate and closed acres, and the quantities of leachate collected, stored or impounded, recirculated, and hauled/piped off-site to a wastewater treatment facility, and daily precipitation amounts greater than one tenth of an inch. Leachate discharge to areas outside of the geomembrane liner is a violation of Department rules.

18. **Gas Monitoring.** Landfill gas shall be monitored as required by F.A.C. 62-701.500(9), 62-701.400(10), and the Landfill Operations Plan for Class III Landfill by Pasco County submitted on May 16, 1996. The results of quarterly monitoring shall be submitted by **January 15th, April 15th, July 15th and October 15th** each year.

19. **Gas Monitoring Locations.** The following gas monitoring locations shall be sampled **quarterly** for the Lower Explosive Limit (LEL) of methane, as described in F.A.C. Rule 62-701.400(10)(c).

Locations:  
Scalehouse  
Landfill Operator's Office

20. **Gas Remediation.** In the event that the Lower Explosive Limit (LEL) is greater than 25% inside structures both on or off of the landfill site, or greater than 100% at the property boundary, the owner shall submit to the Department, **within 7 days of detection**, a remediation plan detailing 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.

21. **Stormwater System Management.** Stormwater shall be managed as required by F.A.C. 62-701.500(10) to meet applicable standards of F.A.C. 62-302.

22. **Recordkeeping.** Records shall be maintained as required by F.A.C. 62-701.500(13).

**PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.**

**PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill**

**SPECIFIC CONDITIONS:**

23. **Waste Burning.** Open burning of solid waste is prohibited except in accordance with F.A.C. 62-701.520(2). 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 F.A.C. 62-2.500(1)(e). Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department of Environmental Protection.

24. **Closure Permit Requirements.** The landfill owner or operator shall submit a closure permit application to the Department, at least **90 days prior** to the date when wastes will no longer be accepted for active portions of the landfill, as required by F.A.C. 62-701.600(3).

25. **Financial Assurance.** The permittee shall provide financial assurance for this landfill site in accordance with F.A.C. 62-701.630. All costs for closure and long-term care shall be adjusted and submitted **annually, by September 1 each year**, 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: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

26. **Control of Nuisance Conditions.** 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 nuisance conditions on adjoining 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. The owner or operator shall control mosquitoes and rodents as so to protect the public health and welfare.

27. **Liner Location.** The top edge of the geomembrane liner shall be clearly flagged. Waste disposal and leachate runoff outside the geomembrane liner is prohibited.

28. **Facility Maintenance and Repair.** The site shall be properly maintained including erosion control, maintenance of grass cover, prevention of ponding, groundwater monitoring system repairs, and repair and maintenance of leachate collection and removal systems. In the event of damage to any portion of the landfill site facilities or failure of any part 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.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

**SPECIFIC CONDITIONS:**

**29. Water Quality Monitoring Quality Assurance.**

a. All field and laboratory work done in connection with the facility's Water Quality Monitoring Plan shall be conducted by a firm possessing a Comprehensive Quality Assurance Plan approved by the Department to meet the requirements of F.A.C. 62-160. The Quality Assurance Plan must specifically address the types of sampling and analytical work that is required by the permit. The Quality Assurance Plan shall be required of all persons performing sampling or analysis, and shall be followed by all persons collecting or analyzing samples related to this permit. Documentation of an approved QAP shall be submitted **annually** to the Department with the groundwater sampling report due **January 15th**. Documentation shall include the completed signature page and the Table of Contents of the approved plan.

b. 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 F.A.C. 62-4.246 and 62-160. Approved methods published by the Department or as published in Standard Methods, A.S.T.M., or EPA methods shall be used.

**30. Zone of Discharge.**

a. The zone of discharge for this site shall extend horizontally 100 feet from the limits of the landfill liner or to the property boundary, whichever is less, and shall extend vertically to the bottom of the first occurring aquifer.

b. The permittee shall ensure that the water quality standards and minimum criteria for Class G-II groundwaters will not be exceeded at the boundary of the zone of discharge according to F.A.C. 62-520.420.

**31. Leachate Sampling.** Leachate shall be sampled from Tank 1 and analyzed **annually** for the following monitoring parameters:

| <u>Field parameters</u> | <u>Laboratory parameters</u>     |
|-------------------------|----------------------------------|
| Specific Conductivity   | Total Ammonia - N                |
| pH                      | Bicarbonate                      |
| Dissolved oxygen        | Chlorides                        |
| Colors, sheens          | Iron                             |
| (by observation)        | Mercury                          |
|                         | Arsenic                          |
|                         | Cadmium                          |
|                         | Chromium                         |
|                         | Lead                             |
|                         | Nitrate                          |
|                         | Sodium                           |
|                         | Total Dissolved Solids (TDS)     |
|                         | Parameters listed in EPA Methods |
|                         | 601 and 602                      |

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

**SPECIFIC CONDITIONS:**

If the wastes types accepted vary from the waste types listed in the permit renewal application for Cells 1 and 2, or waste types other than yard trash are stored in Cells 3 and/or 4, the permittee must notify the FDEP within 7 days. Within 30 days of this notification, the permittee must provide an evaluation of the leachate monitoring program to account for the new waste types.

90 days prior to permit renewal, leachate from Tanks 1 and 2 shall be analyzed for the parameters listed in F.A.C. Rule 62-701.510(8)(c) and (d).

32. **Groundwater Monitoring Well Locations.** The Groundwater Monitoring System is designed and constructed in accordance with the plans on file in the Southwest District Office. The active ground water monitoring wells and piezometers are located as per plan sheets number 3 and 4, submitted on November 28, 1988 by CDM, as follows:

| <u>Well Number</u> | <u>Aquifer</u>        | <u>Location</u>       |
|--------------------|-----------------------|-----------------------|
| 4MW3A              | Floridan(background)  | see Figure 1 attached |
| 2MW3               | Surficial(background) | "                     |
| 4MW7               | Floridan              | "                     |
| 2MW7               | Surficial             | "                     |
| 4MW8               | Floridan              | "                     |
| 2MW8               | Surficial             | "                     |
| 4MW9               | Floridan              | "                     |
| 2MW9               | Surficial             | "                     |
| 2MW10              | Surficial             | "                     |

All wells are to be clearly labeled and easily visible at all times. A surveyed drawing shall be submitted showing the location of all monitoring wells (active and abandoned) which will be horizontally located by latitude and longitude (degrees, minutes, seconds), Universal Transverse Mercator coordinates, and the elevation of the top of the well casing to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the monitor well identification number, locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor, and submitted within 90 days of new well completion.



PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

**SPECIFIC CONDITIONS:**

33. **Groundwater Sampling.** All detection and background wells shall be sampled in accordance with F.A.C. 62-701.510(6)(c) and analyzed **every 6 months** for the groundwater monitoring parameters listed as follows:

| <u>Field parameters</u> | <u>Laboratory parameters</u> |
|-------------------------|------------------------------|
| Static Water Level      | Total Ammonia - N            |
| before purging          | Chlorides                    |
| Specific Conductivity   | Iron                         |
| pH                      | Mercury                      |
| Dissolved Oxygen        | Nitrate                      |
| Turbidity               | Sodium                       |
| Temperature             | Total Dissolved Solids (TDS) |
| Colors and sheens       | Those parameters listed in   |
| (by observation)        | 40 CFR Part 258, Appendix I  |

Additional samples, wells, and parameters may be required based upon subsequent analysis.

34. All wells not a part of the approved Water Quality Monitoring Plan are to be plugged and abandoned in accordance with F.A.C. 62-532.440, and the Southwest Florida Water Management District (SWFWMD). This includes piezometers H-32, H-40, H-48 and G-48. These piezometers shall be abandoned by **July 1, 1996**. Documentation of abandonment shall include a map showing piezometer/well locations and SWFWMD abandonment records. The permittee shall submit a written report to the Department providing verification of the well abandonment **within 30 days of abandonment**. A written request for exemption to the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

35. **Assessment Monitoring.** If at any time monitoring parameters are detected at concentrations significantly above background water quality, or exceed the Department's water quality standards or criteria at the edge of the zone of discharge, the permittee has 15 days 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 representative of current groundwater conditions at the facility, and assessment monitoring/corrective action as described in F.A.C. 62-701.510(7) shall be initiated.

36. **Water Quality and Leachate Reporting Requirements.** All ground water quality monitoring and leachate analyses shall be reported on the Department Form 62-522.900(2), Ground Water Monitoring Report and shall include the items listed in F.A.C. 62-701.510(9)(a). The permittee shall submit to the Department the results of the water quality analysis **July 15th** and **January 15th** for the semi-annual periods January-June and July-December, respectively. The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

**SPECIFIC CONDITIONS:**

**37. Groundwater Monitoring Plan Evaluation.**

Every two years and prior to 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. 62-701.510(9)(b). The evaluation shall include the applicable information as required by F.A.C. 62-701.510(9), and shall include 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. The first evaluation shall be submitted to the Solid Waste Section of the Department by **July 15, 1997.**

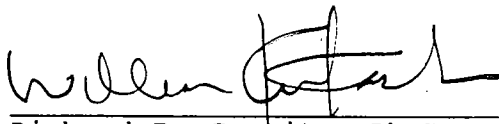
**38. Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared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

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

**40. Permit Acceptance.** 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.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

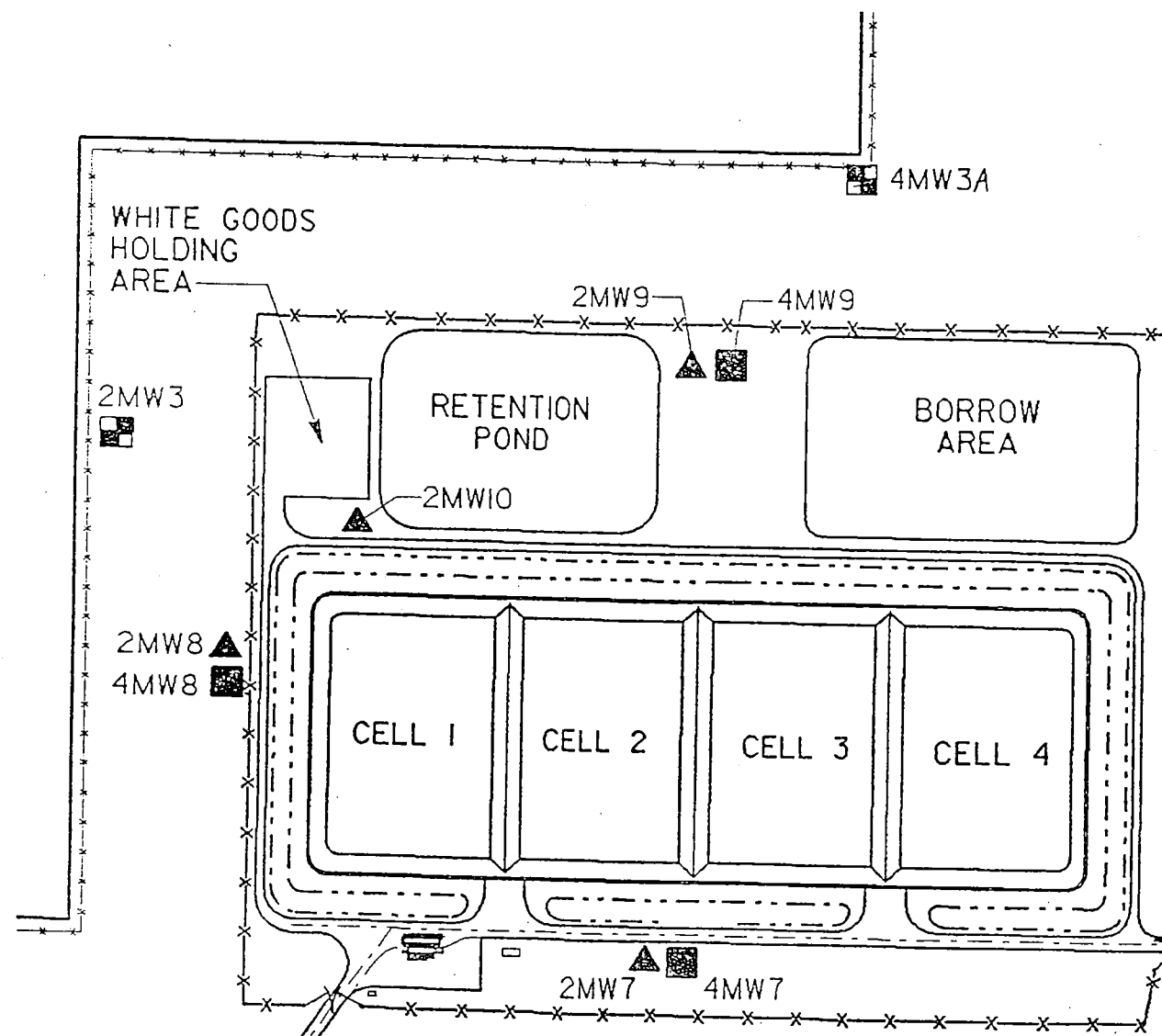
  
for Richard D. Garfity, Ph.D.  
Director of District Management  
Southwest District

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

Attachment 1

| SPECIFIC<br>CONDITION | SUBMITTAL<br>DUE DATE                                                           | REQUIRED<br>ITEM                                  |
|-----------------------|---------------------------------------------------------------------------------|---------------------------------------------------|
| 4.                    | 60 days prior to<br>permit expiration                                           | Permit Renewal Application                        |
| 11. and 18.           | Quarterly, by<br>January 15th,<br>April 15th,<br>July 15th, and<br>October 15th | Waste quantity reports,<br>Gas monitoring results |
| 24.                   | 90 days prior<br>to date of final<br>waste acceptance                           | Closure Permit Application                        |
| 25.                   | Annually, by<br>September 1st                                                   | Financial assurance cost<br>estimates             |
| 29.a.                 | Annually,<br>by January 15th                                                    | Water quality QAP<br>documentation                |
| 31.                   | Annually                                                                        | Leachate sampled/analyzed                         |
| 33.                   | Every 6 months                                                                  | Groundwater wells sampled/<br>analyzed            |
| 36.                   | Semi-annually, by<br>January 15th, and<br>July 15th                             | Water quality and leachate<br>monitoring results  |
| 37.                   | Every two years by<br>July 15th and 90<br>days prior to permit<br>expiration    | Evaluation of groundwater<br>monitoring plan      |



MONITORING WELL LOCATIONS  
WEST PASCO COUNTY CLASS III SANITARY LANDFILL      FIGURE 1

## APPLICATION TRACKING SYSTEM

05/21/96

APPL NO:267334

APPL RECVD:03/17/95 TYPE CODE:SO SUBCODE:T3

LAST UPDATE:05/20/96

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:\_\_\_

APPLICATION COMPLETE:01/22/96

DER PROCESSOR:FORD

APPL STATUS:IS DATE:05/20/96 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

RELIEF:\_\_\_ (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING

DISTRICT:40 COUNTY:51

(Y/N) N OGC HEARING REQUESTED

LAT/LONG:28.22.05/82.33.30

(Y/N) N PUBLIC NOTICE REQD?

BASIN-SEGMENT:\_\_\_

(Y/N) N GOV BODY LOCAL APPROVAL REQD?

COE #:\_\_\_\_\_

(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY)

ALT#:\_\_\_\_\_

PROJECT SOURCE NAME:WEST PASCO CO. CLAS III LANDFILL

STREET:NA

CITY:NA

STATE:FL

ZIP:\_\_\_\_\_

PHONE:\_\_\_\_\_

APPLICATION NAME:PASCO BD. CO. COMM.

STREET:7530 LITTLE RD

CITY:NEW PORT RICHEY

STATE:FL

ZIP:34654

PHONE:813-847-8145

AGENT NAME:MANNELLA, VINCENT

STREET:14230 HAYS RD

CITY:SPRING HILL

STATE:FL

ZIP:34610

PHONE:813-847-8145

FEE #1 DATE PAID:03/17/95

AMOUNT PAID:04000

RECEIPT NUMBER:00006530

|                                                        |           |                    |
|--------------------------------------------------------|-----------|--------------------|
| B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE    | - - - - - | ___/___/___        |
| C DATE DER SENT DNR APPLICATION/SENT DNR INTENT        | - - - - - | ___/___/___        |
| D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. | - - - - - | ___/___/___        |
| E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT      | - - - - - | 04/06/95--05/22/95 |
| E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT      | - - - - - | 06/09/95--07/07/95 |
| E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT      | - - - - - | 08/03/95--08/25/95 |
| E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT      | - - - - - | 09/08/95--11/03/95 |
| E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT      | - - - - - | 11/29/95--01/22/96 |
| E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT      | - - - - - | ___/___/___        |
| F DATE LAST 45 DAY LETTER WAS SENT                     | - - - - - | ___/___/___        |
| G DATE FIELD REPORT WAS REQ--REC                       | - - - - - | ___/___/___        |
| H DATE DNR REVIEW WAS COMPLETED                        | - - - - - | ___/___/___        |
| I DATE APPLICATION WAS COMPLETE                        | - - - - - | 01/22/96           |
| J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS  | - - - - - | ___/___/___        |
| K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT     | - - - - - | ___/___/___        |
| L DATE PUBLIC NOTICE WAS SENT TO APPLICANT             | - - - - - | ___/___/___        |
| M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED  | - - - - - | ___/___/___        |
| N WAIVER DATE BEGIN--END (DAY 90)                      | - - - - - | 04/15/96--06/01/96 |

COMMENTS:

AREA: SWD

Cash Receiving Application  
Collection Point Log Remittance

CRAF006A

Tot: \$4,000.00

SY\$REMT: 21910 Type: CP Recvd Date: 17-MAR-1995 Status: RECEIVED  
SY\$RCPT: 6530 PNR: Check #: 110009 7 Amount: 4,000.00  
SSN/FEI#: Name: LAW\_ENGINEERING, INC.  
First: Middle: Title: Suf:  
Address1: P.O. BOX 888013 Short Comments:  
Address2: L-W PASCO RECLG\_CTR\_III  
City: ATLANTA ST: GA Zip: 30356-0013 Country:

## P A Y M E N T (S)

|          | Distr  | CL                     | Object      | Payment    | Reference# | Applic/<br>Fund | S<br>T<br>A<br>C |
|----------|--------|------------------------|-------------|------------|------------|-----------------|------------------|
| SY\$PAYT | Area.. | Code/Description.....  | Amount..... |            |            |                 |                  |
| 22909    | SWD    | 002245 SOLID_WASTE_OPE | \$4,000.00  | SO51267334 | PFTF       | CO              |                  |
|          |        |                        |             |            |            |                 |                  |
|          |        |                        |             |            |            |                 |                  |
|          |        |                        |             |            |            |                 |                  |

COMMIT FREQUENTLY

\$4,000.00 Payment total

Press &lt;TAB&gt; to accept Collection Point or enter F&amp;A.

Count: \*1

&lt;Replace&gt;

## Memorandum

Florida Department of  
Environmental Protection

## PERMIT COVER MEMO

TO: W RICK GARRITY, DDM  
WILLIAM KUTASH, ENV. ADM.  
OGC, ATTN: \_\_\_\_\_

## FROM/THROUGH:

\_\_\_\_\_, ENVIRONMENTAL ADMINISTRATOR  
Bob Sutton 5/20, PROGRAM SUPERVISOR  
Jim Ford 5/17/96, SECTION SUPERVISOR  
\_\_\_\_\_, ENG, ENV SPEC, GEOLOGIST

DATE:

5/17/96

FILE NAME:

W. Pasco Cell Landfill

-CASE #:

SOSI-267334

PROGRAM:

SOLID WASTE

COUNTY:

PASCO

TYPE OF PERMIT ACTION:

☒ ISSUE☐ DENY☐ MODIFY☐ TRANSFER OWNER☐ NOD☐ INTENT☐ PUBLIC NOTICE

PUBLIC NOTICE PERIOD CLOSED?

PETITION?

RELEASED BY OGC? \_\_\_\_\_

PERMIT SUMMARY:

THIS PERMIT IS A RENEWAL OF  
THE CURRENT OPERATION PERMIT FOR THE  
LANDFILL. THERE HAVE BEEN NO SIGNIFICANT  
CHANGES IN THE OPERATION OF THE SITE IN THE  
PAST 5 YEARS.

PROFESSIONAL RECOMMENDATION:

☒ APPROVE☐ DENY

EVALUATION SUMMARY:

I RECOMMEND THIS  
PERMIT BASED ON A REVIEW OF RELATED  
PLAN AND CORRESPONDENCE AND SITE  
INSPECTION

DAY 90/30 FOR THIS ACTION IS

ASAP / 5/25/96

**I N T E R O F F I C E   M E M O R A N D U M**

**Date:** 17-May-1996 08:05am EST  
**From:** Kim Ford TPA  
FORD K  
**Dept:** Southwest District Offi  
**Tel No:** 813/620-6100  
**SUNCOM:** 542-6100 Ext. 382

**Subject:** W. PASCO CLASS III LANDFILL OPERATION/ RENEWAL PERMIT

The Class III landfill was constructed in 1989 as a lined landfill for primarily acceptance of construction and demolition debris. The design is more protective than required by rule. There is also an appliance drop-off and recycling area, household hazardous waste collection center, and wood/yard trash mulching associated with the site. The landfill and related facilities were recently inspected. Some minor problems found should be corrected easily (lack of signs, spotter and dozer). The renewal permit clearly addresses these and many other issues of compliance.


The site is part of the property on which the W-T-E Facility is located.



CERTIFICATION

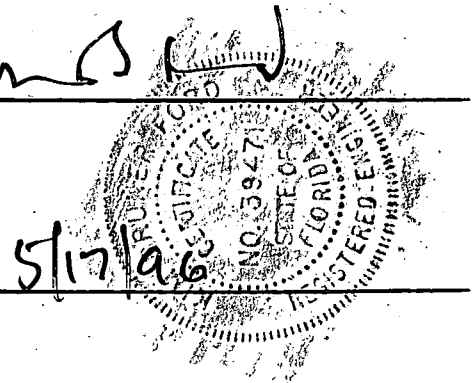
Application No. 5051-267334

I HEREBY CERTIFY that the engineering features described in the above referenced application (provide/~~do not provide~~) reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 17. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

  
(Signed)

5/17/96  
(Date)

(Seal)





# PASCO COUNTY, FLORIDA

DADE CITY (904) 521-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (813) 847-8040  
FAX (813) 847-8064

UTILITIES CONSTRUCTION AND  
CONTRACT MANAGEMENT DEPT.  
PUB. WKS./UTILITIES BLDG., S-205  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

May 14, 1996

✓  
Mr. Kim Ford  
Florida Department of  
Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619-8318

**RECEIVED**  
MAY 16 1996  
Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

RE: Landfill Operations Plan for Class III Landfill

Dear Mr. Ford:

For your information, attached herewith is a copy of the Landfill Operations Plan for Class III Landfill.

Should you have any questions or need additional information, please feel free to call me.

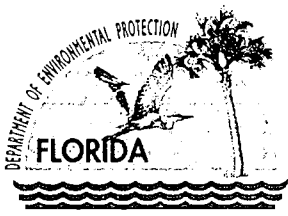
Sincerely,

Vincent Mannella, P.E.  
Acting Utilities Construction  
and Contract Management Director

VM/mr

Attachment

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

April 19, 1996

Mr. Vincent Mannella, P.E.  
Acting Utilities Construction  
& Contract Management Director  
Pasco County Public Works  
7520 Little Road, Utilities Bldg S-205  
New Port Richey, Florida 34654

Re: April 10, 1996 Site Inspections:  
West Pasco Class III, Pending Permit No. SO51-267334  
West Pasco Resource Recovery, PA87-23  
Ash Storage Area  
Disposal Cells A-2 and SW-1  
Pasco County

Dear Mr. Mannella:

The Florida Department of Environmental Protection (FDEP) conducted a site inspection on April 10, 1996 at the West Pasco Resource Recovery facility to observe the condition of the Class III landfill, the condition of the ash storage area and the status of disposal cells A-2 and SW-1. Attached are the Site Inspection Reports. Please respond in writing within 30 days to the apparent noncompliance items described in the Class III inspection. If you have any questions, please contact me at 813/744-6100, ext. 382.

Sincerely,

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

## Attachments

cc: Bob Sitz, Ogden Martin Systems of Pasco, Inc., 1387 Hays Road, Spring Hill, FL  
34610 (Ash Storage Inspection only)  
~~Allison Amram~~, P.G., FDEP Tampa (w/o attachments)  
Bob Butera, P.E., FDEP Tampa (w/o attachments)



# PASCO COUNTY, FLORIDA

DADE CITY  
LAND O' LAKES  
NEW PORT RICHEY  
FAX

(904) 521-4271  
(813) 996-7321  
(813) 847-8040  
(813) 847-8064

UTILITIES CONSTRUCTION AND  
CONTRACT MANAGEMENT DEPT.  
PUB. WKS./UTILITIES BLDG., S-205  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

RECEIVED  
APR 17 1996  
Department of Environmental Protection  
SOUTHWEST DISTRICT

BY \_\_\_\_\_

April 15, 1996

Mr. Kim Ford  
Florida Department of  
Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619-8318

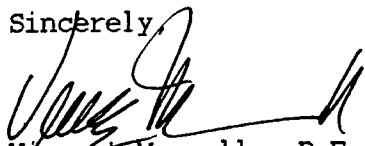
RE: West Pasco Class III Landfill  
Permit S051-267334

Dear Mr. Ford:

Per your request, attached are two originals of the Waiver of 90 Day Time Limit Under Sections 120.60(2) and 403.0876, Florida Statutes for the above referenced project.

Should you have any questions or need additional information, please feel free to contact me.

Sincerely,

  
Vincent Mannella, P.E.  
Acting Utilities Construction  
and Contract Management Director

VM/mr

Enclosure

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)



WAIVER OF 90 DAY TIME LIMIT  
UNDER SECTIONS 120.60(2) and 403.0876, FLORIDA STATUTES


License (Permit, Certification) Application No. S051-267334

Applicant's Name: West Pasco Class III Landfill

With regard to the above referenced application, the applicant hereby with full knowledge and understanding of applicant's rights under Sections 120.60(2) and 403.0876, Florida Statutes, waives the right to have the application approved or denied by the State of Florida Department of Environmental Regulation within the 90 day time period prescribed by law. Said waiver is made freely and voluntarily by the applicant, with full knowledge, and without any pressure or coercion by anyone employed by the State of Florida Department of Environmental Regulation.

This waiver shall expire on the 1st day of June 19 96.

The undersigned is authorized to make this waiver on behalf of the applicant.

  
\_\_\_\_\_  
Signature



Vincent Mannella, P.E.  
Name (Please Type or Print)  
Acting Utilities Construction  
and Contract Management Director

Revised April, 1990

D.E.P.  
APR 17 1996  
SOUTHWEST  
TAMPA



## PASCO COUNTY, FLORIDA

DADE CITY (904) 521-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (813) 847-8040  
FAX (813) 847-8064

UTILITIES CONSTRUCTION AND  
CONTRACT MANAGEMENT DEPT.  
PUB. WKS./UTILITIES BLDG., S-205  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

April 15, 1996

Mr. Kim Ford  
Florida Department of  
Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619-8318

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Permit SO51-267334

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Sincerely,

Vincent Mannella, P.E.  
Acting Utilities Construction  
and Contract Management Director

VM/mr

Enclosure

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)

WAIVER OF 90 DAY TIME LIMIT  
UNDER SECTIONS 120.60(2) and 403.0876, FLORIDA STATUTES


License (Permit, Certification) Application No. S051-267334

Applicant's Name: West Pasco Class III Landfill

With regard to the above referenced application, the applicant hereby with full knowledge and understanding of applicant's rights under Sections 120.60(2) and 403.0876, Florida Statutes, waives the right to have the application approved or denied by the State of Florida Department of Environmental Regulation within the 90 day time period prescribed by law. Said waiver is made freely and voluntarily by the applicant, with full knowledge, and without any pressure or coercion by anyone employed by the State of Florida Department of Environmental Regulation.

This waiver shall expire on the 1st day of June 19 96.

The undersigned is authorized to make this waiver on behalf of the applicant.

  
\_\_\_\_\_  
Signature

*OS* Vincent Mannella, P.E.  
Name (Please Type or Print)  
Acting Utilities Construction  
and Contract Management Director

Revised April, 1990

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 4/11/96 Subject W PASCO CTR / E  
Time 4:20 Permit No. \_\_\_\_\_  
County PASCO  
M Valle Marmola Telephone No. 8478040  
Representing PASCO County

[ ] Phoned Me [ ☒ ] Was Called [ ] Scheduled Meeting [ ] Unscheduled Meeting  
Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting I RETURNED HIS CALL

I ASKED ABOUT SPOTTER &  
WHITE GOODS

MR. MARMOLA SAID WHEN SCAL-HASSIE IS REPLACE  
SPOTTER WILL BE CLOSER TO DISPOSAL AREA

MR. MARMOLA SAID DRAFT W PASCO CTR PLAN  
IS OK BUT REQUESTED MY COMMENTS ON  
THE REVISOR COMPREHENSIVE OPERATIONS PLAN.

MR. MARMOLA INTENDS TO SIGN A WHITE  
GOOD UNTIL JUNE 1, 1996 TO COMPLETE  
COMP OPS PLAN

(continue on another  
sheet, if necessary)

Signature [Signature]

Title \_\_\_\_\_





# PASCO COUNTY, FLORIDA

D.E.P.

APR 10 1996

SOUTHWEST DISTRICT  
TAMPA

DADE CITY (904) 521-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (813) 847-8040  
FAX (813) 847-8064

UTILITIES CONSTRUCTION AND  
CONTRACT MANAGEMENT DEPT.  
PUB. WKS./UTILITIES BLDG., S-205  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

April 8, 1996

Mr. Kim Ford  
Florida Department of  
Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619-8318

RE: Section 8.0  
Landfill Operations for  
Class III Landfill

Dear Mr. Ford:

Per your request, attached is a draft copy of the Section 8.0, Landfill Operations for Class III Landfill.

Should you have any questions or need additional information, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Vincent Mannella", is written over the typed name.

Vincent Mannella, P.E.  
Acting Utilities Construction  
and Contract Management Director

VM/mr

Enclosure

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)

D.E.P.

SECTION 8.0

APR 10 1996

LANDFILL OPERATIONS FOR <sup>SOUTHWEST DISTRICT</sup>  
CLASS III LANDFILL TAMPA

The landfill addressed in this application is an integral unit of the Pasco County Solid Waste System ("System"). The System is comprised of: a mass-burn resource recovery facility; the West Pasco Class I Landfill, the West Pasco Class III Landfill and Recycling Center, the East Pasco Transfer Station and Recycling Center, and the East Pasco Class I Landfill. The Resource Recovery Facility, the West Pasco Class I Landfill, and the West Pasco Class III Landfill and Recycling Center are co-located on an 800-acre site. The Resource Recovery Facility and the West Pasco Class I Landfill are permitted under the Florida Electrical Power Plant Siting Act, while the West Pasco Class III Landfill and Recycling Center was permitted separately under Chapter 17-701, F.A.C.

The Resource Recovery Facility is designed to receive and process 1,050 tons per day of waste generated by residential, commercial and industrial sources. Three separate combustion units with a capacity of 350 tons per day and a boiler system generate steam for conversion to electrical energy. Emissions controls include dry scrubbers and fabric filter baghouses for each combustion unit. The residue ash handling system is completely enclosed. Bottom ash and grate siftings from the combustion units, as well as fly ash and spent scrubber reagent, are collected and quenched. Ash is moved by conveyor through a scalper screen to remove large materials and through a magnetic separator to remove ferrous metal. Processed residue (MSW ash) is loaded into trucks for disposal in an ash monofill disposal unit at the adjacent West Pasco Class I Landfill.

Currently no delivery of municipal solid waste (MSW) is made directly to the West Pasco Class I Landfill. Deliveries are accepted at the Solid Waste Resource Recovery Facility (SWRRF) 10 hours each day, Monday through Saturday, except legal holidays. Refuse is delivered to the SWRRF in standard packer vehicles, open body dump trucks, semi-truck transfer trailers, and by smaller private vehicles. The waste transferring vehicles pass through an entrance and exit over an automated truck scale system. The scale system is operated by an adjacent scale house with a computerized record keeping system that maintains an accurate accounting of all refuse delivered and ash residue removed from the building.

All processible waste received is dumped inside the Resource Recovery Facility in a refuse storage pit with the exception of some waste from small private vehicles which are directed to a public drop-off area outside the building. Inside the facility building on the tipping floor rollover containers are provided for removing of non-processible waste. The County provides a trained spotter on the tipping floor to observe refuse dumping. The spotter has communication links with the scale house and the facility operators to advise them of the delivery of ANY unacceptable waste.

The West Pasco Class I Landfill was designed and permitted to be constructed in a phased series of individual disposal units, with a total of 16 disposal units. Six disposal units (A-1 to A-6) are designated for ash disposal, eight disposal units (SW-1 to SW-8) for non-processible or by-pass waste, and two disposal units (I-1 and I-2) were left undesignated. ~~The layout of the disposal units is shown in Figure 8-1.~~ The disposal area covers approximately 160 acres, each disposal unit is approximately 10 acres in size. The initial phase of construction was completed in 1990, with the construction of disposal units SW-1 and A-1, eastern portion of the perimeter access road, retention ponds 1 and 2, an equipment maintenance building, and other associated drainage work. CONSTRUCTION OF THE CLASS III LANDFILL & RECYCLING AREA WAS COMPLETED IN 1990.

The entire 800-acre site is enclosed by chain-link and barbed wire fence to limit access. To further limit access the Resource Recovery Facility, the West Pasco Class I Landfill, and the West Pasco Class III Landfill and Recycling Center are separated internally by a chain-link and barbed wire fence to control movement between the units.

(2)

Item 2 K-a - Identify 1 Responsible Operating and Maintenance Personnel.

Response:

The following list is a complete list of all operating and maintenance personnel at the Class III Landfill at West Pasco.

Vincent Mannella, P.E., Solid Waste Facility Manager

Jim Geiger, Landfill Operator

Walter Dradransky, Attendant III, Landfill Operator

John Milliner, Attendant III

Nick Purdy, Attendant II

Jake West, Attendant II

Mike Simpson, Attendant II

Sam Johns, Attendant II

Gary Ackerman, Attendant II

Ron Moore, Attendant I

Keith Wallace, Special Equipment Operator, Landfill Operator

Barry Wright, Special Equipment Operator

5B - Contingency Operations.

Response:

Class III materials due to a natural disaster or other emergency may be stockpiled for later removal. The access road is designed to allow normal operations under adverse conditions. Cooperative lending agreements with other Pasco County departments will be pursued for back-up equipment.

EMERGENCY FIRE PROCEDURES - In the highly unlikely event that an UNCONTROLLABLE fire does occur at the landfill site:

- A. Field staff will contact scale attendant via two-way radio, provide details.
- B. Scale attendant will contact 911 requesting fire company response.
- C. Scale attendant will notify landfill operator.
- D. Landfill operator will direct additional equipment and manpower as may be required.

CONTROLLABLE FIRE

- A. See Item A. above.
- B. Field staff will put out the fire using landfill equipment and soil from an on-site stockpile maintained for the suppression.
- C. See Item A. above.
- D. Landfill supervisor will inspect scene.

**NATURAL DISASTER PROCEDURES** - If notice is available of a pending natural disaster (tornado, hurricane, etc.) the landfill supervisor will direct staff to:

- A. Check stormwater management system for any blockages at culverts, pipes, etc.
- B. Check leachate management system levels, pumping units, etc.
- C. Apply daily cover to working face where appropriate.
- D. Secure equipment where appropriate.

After the natural disaster has occurred, the landfill supervisor will direct staff to assess damage to and operational status of:

- A. Access roads
- B. Stormwater management system
- C. Leachate management system
- D. Landfill equipment
- E. Disposal units

**K.2c Controlling types of waste received at the landfill.**

**Response:** The Class III disposal unit is a construction and demolition disposal unit. All incoming material is inspected to acquire reasonable assurances that no oil, tires, batteries, and/or large metal are deposited in the cell. Particular care is addressed to hazardous and medical wastes; and should they be detected, arrangements will be made for proper handling and disposal under the direction of the Pasco County Hazardous Waste Manager.

processible items. Yard trash and/or lot clearing debris is not accepted. Pasco County does not intermingle the County tire program with the Class III Landfill operation.

4

## K.2d Weighing incoming waste.

Response: No waste can enter the site without passing the main entrance scale and/or the Class III disposal unit scale. All incoming vehicles are weighed. All loaded vehicles entering the landfill site will be either weighed ~~or~~ <sup>AND</sup> estimates of volume will be documented prior to unloading. Vehicles with a franchise or commercial license ~~may~~ <sup>will</sup> be weighed ~~or volume estimated~~ at the Class I/Resource Recovery Facility, issued a receipt indicating the weight ~~on arrival~~ <sup>CFO LOADS WILL</sup> and payment received, ~~and~~ redirected to the Class III Landfill. Small vehicles will be charged by the type of vehicle and size of the load.

## K.2e Vehicle traffic control and weighing.

Response: <sup>CELL</sup> Private refuse haulers are not permitted to drive at random into the Class III ~~unit~~ in this solid waste unit. Individual vehicles and trucks containing construction and demolition cross the scale for weight and placing directions. The spotter on the cell directs the vehicle on where to place his load.

<sup>ARE</sup> Directional signs ~~will~~ be placed to safely direct vehicles to the current waste unloading area. These signs ~~will~~ have large, legible letters and will be cleaned when necessary. Signs will be placed at points so that the route is clear to the drivers. Speed limit, safety, and prohibitive practice signs <sup>HAVE BEEN</sup> ~~will~~ be placed as necessary to encourage a safe, clean operating area.

Unloading will be permitted only at designated working faces of currently operating cell. Haulers will be responsible for unloading their own vehicles. A spotter will be present near the active disposal areas to direct vehicles to appropriate off-loading areas and to observe the off-loading process to ensure that nonspecified materials are not part of the delivery.

## K.2f Method and sequence of filling waste.

Response: The landfill will be developed using four disposal areas (cells) as shown on Sheet 9 of the plans. Each area is approximately 3.5 acres. Disposal

cells and their integral liner and leachate collection systems are constructed with permanent roads and swales for access and surface water management.

Cells 1, 2, 3, and 4 have been constructed and are ready for disposal of Class III materials.

III  
The method of filling wastes in an individual cell is described below: (5)

All incoming Class III materials waste will be directed to the working face. Class III materials will be placed against the side slope of the previous day's refuse. The first row will act as a berm to provide a guide for the placement of refuse for the remaining rows. In each row, cells will be constructed having a minimum length of working face to control the operation and leachate quantities, yet of sufficient length to provide adequate dumping areas and room for the landfill equipment to operate. A slope of 2:1 on a 75-foot wide working face will provide for centralization of operations, while providing maneuvering area for private and commercial vehicles unloaded each day.

The sequence of filling lined cell areas with installed leachate collection systems is developed to meet the following objectives.

- Complete subsequent lifts over lower lifts frequent enough to minimize infiltration and conserve the field capacity of the lower lift cell.
- Design landfill slopes during operation to maximize surface run-off away from the working face and minimize leachate generation.
- Provide a bench terrace along side slopes to minimize erosion.

Efficient use of these techniques will reduce the need for intermediate cover and decrease leachate volumes.

Final cover will be applied over cell lifts within 180 days after the final lift over an area is completed. Final cover will consist of 18 inches of clayey material covered with six inches of native soils. The top six inches will be uncompacted and vegetated with native grasses or other vegetation to promote evapotranspiration.

#### K.2g Waste compaction and application of cover.

Response: Sufficient cover material will be available by purchase from fill dirt pit to provide a continuous supply of cover through the period of operational site life.

The Class III materials will be placed at the top of the working face, spreading outward in approximately two-foot layers. The Class III materials will be compacted as necessary by a front-end loader or bulldozer and/or landfill compactor. The material types comprising Class III refuse are not always conducive to compaction. Therefore, compaction equipment is not included as required equipment, but will be provided.

Application of initial, intermediate, and final cover is to be performed as required per Chapter 62-701.500(7), FAC. Six inches of initial cover will be applied to the working face at least once a week. Intermediate cover consisting of one foot of compacted native sandy soil from a private dirt pit will be applied within seven days of cell completion if final cover or an additional lift is not to be applied within 180 days of cell completion. Any intermediate areas that will not be landfilled or covered with final cover within six months will be seeded or covered with wood chips, straw, or other appropriate cover material to avoid slope erosion.

Final cover will be applied to the landfill once the final grades are reached. The initial final slope on top of landfill areas will be a minimum of two percent and will not exceed four percent. The perimeter sides of all completed cells will have a slope of 4:1 to minimize erosion. Areas with final cover will be seeded or planted with grass or suitable cover vegetation.

III

2K-1h  
Item 7f

(6)

Show details of Leachate Holding Tanks 1 and 2, the float arrangements, and details of leachate not contaminating Units 2 and 3 from leachate in Units 1 and 2.

Response:

All four units are separated by a lined berm of 4'0 (plus); there is no liner penetration on the berm liner. There is no piping connection between any of the cell units. Therefore, leachate contamination or backflow into Unit 2 cannot occur. Excessive leachate flows into tanks are automatically provided for or the leachate alarm floats (described in detail later in this narrative) are set to go off at elevations below the liner elevation of the cells. At the alarm, either the pump system will be repaired or Pasco County will utilize their tanker fleet to pump and haul leachate to the Hudson WWTP.

The leachate holding tanks each have five floats:

1. Low level alarm shutoff, to protect pump motors.
2. Low level shutoff after pumping cycle.
3. Turn on pumps for pumping cycle.
4. Float for future use (not activated at this time).
5. High level alarm (set at approximately 5'0 below the top of leachate holding tank).

A detailed sketch of both leachate holding tanks and the four cells showing piping to holding tanks is attached hereto. Exterior valves from Cells 2 and 3 to holding leachate tank are closed.

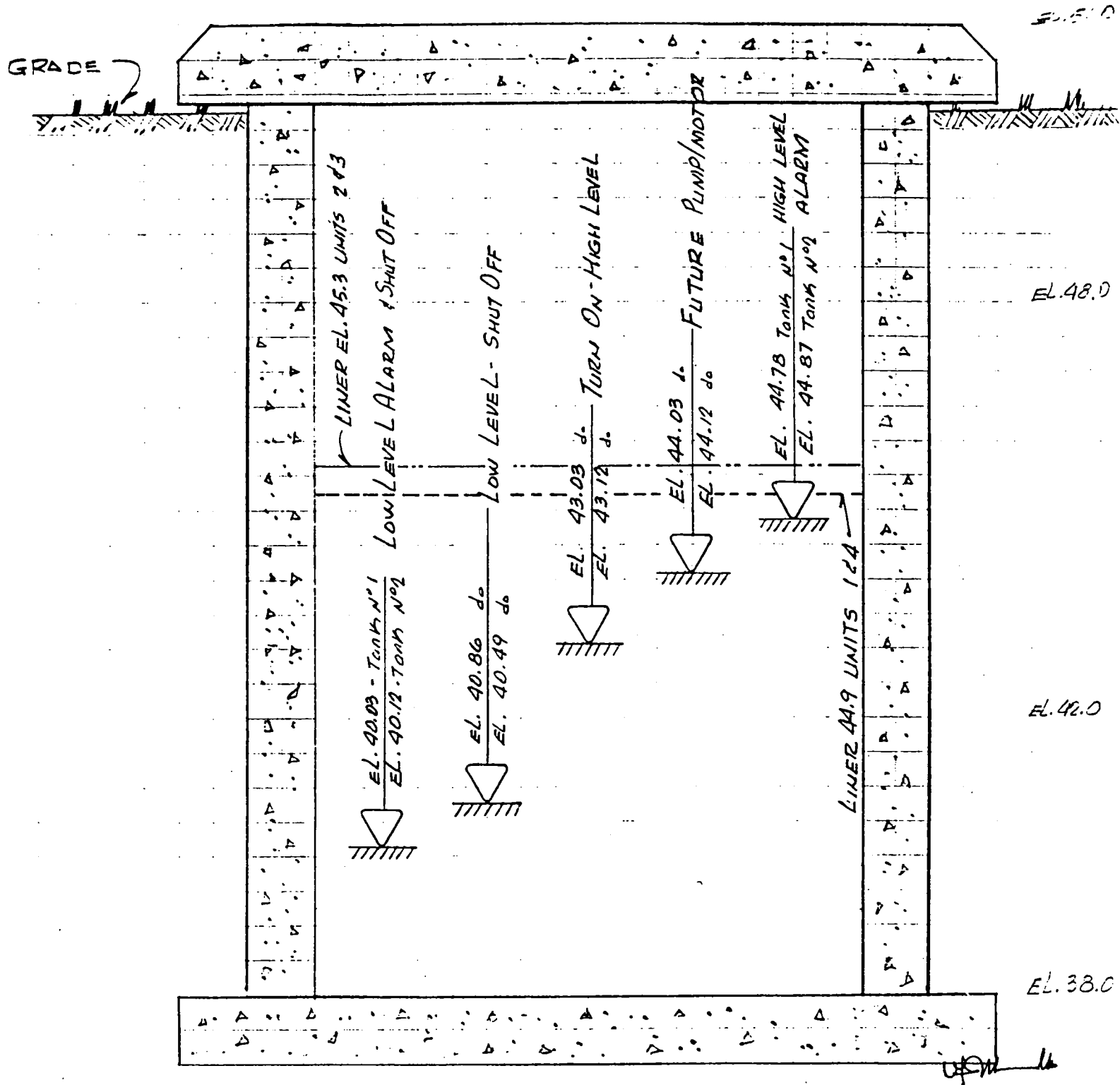
Both leachate holding Tanks 1 and 2 are activated and deactivated by the turn-on of the high level float and deactivated by the low level shutoff. Float Cell 1 drains into Leachate Tank 1. Cell 2, when activated, will also drain into Leachate Tank 1. Cell 2 presently drains in a vestigial state to the drainage swale around Class III's all four cells.

Cell 3 drains in a vestigial state into the drainage swale around the Class III unit. Cell 4 drains into the Leachate Holding Tank 2.

Tank pumping is implemented as previously described. Should automatic pumping fail, the high level alarm flashes, alerting the County to repair the automatic pumping system and/or the pump. In any event, if the automatic system fails, the County tanker fleet will start hauling leachate from Leachate Holding Tanks 1 and 2 to the Shady Hills WWTP. Until repairs to the automatic pumping system are made and the system once again is functional, tanker hauling will continue.

The stormwater controls will be operated to collect and convey run-off to surface water management areas for sedimentation control in accordance with Chapters 17-3 and 17-3, FAC. Surface water management areas will be maintained by periodic removal of sediments. Surface water control devices such as weirs and culverts will be routinely checked and cleaned to ensure proper performance.

All water coming into contact with emplaced Class III materials will be handled as leachate.



LEACHATE HOLDING TANKS:

N°S 1 & N°2

NO SCALE

10/27/95  
#31461

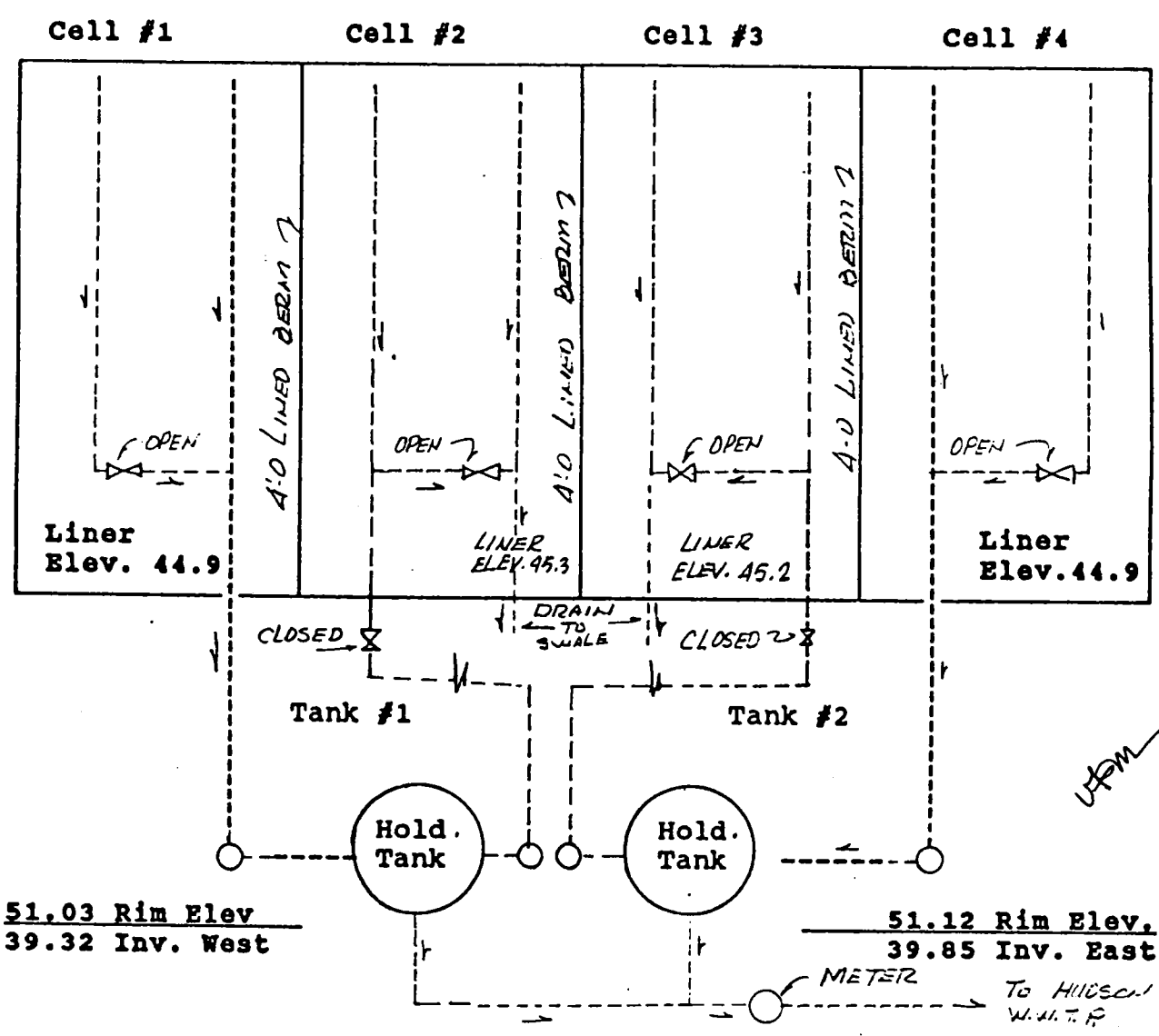




WEST PASCO COUNTY LANDFILL  
CLASS III  
LINER, INVERT, & TANK ELEV.

TANK #1  
  
Rim 51.03  
Inv. 39.32  
CELL 1  
Liner 44.9  
Compliance 45.9

TANK #2  
  
Rim 51.12  
Inv. 39.85  
CELL 4  
Liner 44.9  
Compliance 45.9



51.03 Rim Elev  
39.32 Inv. West

51.12 Rim Elev.  
39.85 Inv. East  
TO HENDERSON  
W. H. T. P.

(9)

~~Please describe a~~ routine gas monitoring program.

**Response:**

Of the Class III Landfill disposal's four units, only one unit (No. 4) is used for acceptance of construction and demolition (C & D) material. The volume received amounted to 1,883 tons for Fiscal Year 1994-95. The bottom of Unit 4 has not been covered to date. The Class III C & D landfill is situate in excess of 750 feet from all property boundaries, with the closest structure being in excess of 1,000 feet. The scale house and landfill operators' office, the closest structure, will be checked via gas meter quarterly and the results will be reported to the department. If the methane gas levels exceed the lower explosive limits specified by the FAC, the operator shall:

1. Notify his supervisor, who will take measures (if necessary) to protect health and safety.
2. Submit to the department within seven days a remediation plan.
3. Complete the approved remediation construction within 60 days.
4. The use of pipe for gas collection shall have a condensate collection method and disposal at each low point in the conveyance system.

**2.K1 Ground quality monitoring.**

Response: Groundwater Monitoring Plan prepared by Law Engineering and has been previously submitted. Law Engineering has been advised of the Department's concerns and ~~will~~ address them under separate cover.

HAS

~~Operating Record~~

The Operating Record shall consist of all records, reports, analytical results, demonstrations, and notifications required by Chapter 17-701, FAC, including the Department approved permit, engineering drawings, and supporting information, and the landfill operator training verifications required by Chapter 17-703, FAC. The record is considered part of the operation plan and is kept at the Pasco County Government Center Utilities Services Branch office located in New Port Richey. Duplicates of the permit, engineering drawings, and the operating plan are kept on-site at the office of the Landfill Supervisor.

The Operating Record will be available for inspection at reasonable times by Department personnel.

~~WASTE RECORDS:~~

Y A

**Response:**

Waste records are kept on file at the Public Works/Utilities Building, Pasco County Government Complex, 7536 State Street, New Port Richey, of tonnage received, leachate volume, and other ancillary records.

K-5  
To prevent unauthorized access to the 800-acre site in West Pasco, the entire site is enclosed with either barbed wire or chain-link fencing. Interior fencing separates the Resource Recovery Facility, West Pasco Class I Landfill, and the West Pasco Class III Landfill and Recycling Center. Entrance gates at the Resource Recovery and the West Pasco Class III Landfill are chain-link and are closed and secured during non-working hours. The entrance gate to the Class I Landfill is internal.

The Landfill Supervisor will check or have checked the integrity of the perimeter fencing on a regular basis. The Landfill Operators will secure the entrance gates at the end of the operating day. The Landfill Supervisor will ensure that the existing signs indicating the hours of operations and types of waste accepted are maintained.

Item K-6 - Describe a Load Checking Program as Required by FAC 62-7801.500(6).

Response:

A load checking program has been implemented to detect and discourage attempts to dispose of unauthorized wastes at the West Pasco Class III Landfill.

A minimum of three loads each week shall be examined. Loads will be discharged at a designated location within the landfill for a content inspection. Should unacceptable wastes be found, the hauler will be notified to determine the waste sources from his haul/pickup route.

No hazardous wastes are accepted at the West Pasco Class III Landfill. Should hazardous waste be found, the following action is taken by Pasco County:

- The Environmental Deputy Sheriff is notified.
- The Pasco County Health Department is notified.
- The hauler is called and requested to report to the site by the Environmental Deputy Sheriff.
- Depending on circumstances, the Environmental Deputy Sheriff may make an arrest.
- Proper disposal of hazardous waste if any is found is required via licensed DOT hauler at hauler/generator's expense.

(16)

Item K-7, a through d - Describe Landfilling Procedures to Demonstrate Compliance with Each of the Following.

Response:

- a) Waste layer thickness and compaction frequencies covered in original submission, Pages 22-23.
- b) Special considerations for the first layer of waste placed above the liner and leachate collection system. The first layer of waste placed above the liner and leachate collection system will be four feet in compacted thickness and consist of special selected wastes

containing no large rigid objects that may damage the liner or leachate collection system.

- c) Slopes of cell working face and side grades above land surfaces planned lift depths during operation. The working face of the cell and side grades above the land surface shall be at a slope no greater than three feet horizontal to one foot vertical rise. Lift depth should not exceed ten feet but may vary depending on specific operations and daily volume of waste, width of working face, and good safety practices.
- d) Maximum width of working face: West Pasco Class III working face will be only wide enough to accommodate vehicles discharging waste, and to control exposed area and conserve cover material.

## 8.7 ~~Construction of Lifts~~ { continued from page 11 }

Solid waste will be placed into disposal units to construct lifts. The working face of the disposal unit, and side grades at a slope, no greater than three feet horizontal to one foot vertical rise. Lift thickness should not exceed ten (10) feet. A temporary berm will be constructed around the working face to minimize the formation of leachate (see Figure 8.1). The temporary berm will be moved as the working face/lift progresses.

### 8.7 ~~a~~ Working Face Width

The working face will be only wide enough to accommodate vehicles dumping waste. In the ~~ash fill disposal units~~ and ~~solid waste disposal units~~, the working face under normal operating conditions should be minimal ( $\pm 50$  feet). During periods when the volume of ~~by-pass waste~~ is high, the size of the working face will be greater to accommodate the increased traffic.

### 8.7 ~~b~~ Initial Cover

Initial cover will be applied to solid waste disposal units in order to minimize any adverse environmental, safety, or health effects such as those resulting from birds, blowing litter, odors, disease vectors, or fires. Initial cover will not be necessary for the ash monofill disposal units.

Initial cover at the solid waste disposal units will be applied at the end of each working day. The initial cover will be comprised of soil material and be six (6) inches in compacted thickness.

### 8.7 ~~c~~ Intermediate Cover

Intermediate cover, in addition to six-inch initial cover, will be applied and maintained within seven days of disposal unit completion if additional solid waste will not be deposited within 180 days of disposal unit completion. The intermediate cover, when disposal to the initial fill phase and disposal activity is shifted to a new adjacent disposal unit for more than 180 days, will be graded to provide a surface slope and will also be seeded or sodded with grass to further promote runoff and minimize infiltration. When disposal activity is resumed in the disposal unit, the intermediate cover will be pushed aside and stockpiled for use as initial cover for the resumed disposal activity.

### 8.7 ~~d~~ Final Cover

Once the solid waste disposal units have been filled to the final grades, final cover will be applied in accordance with the closure plan. The top of the landfill area will be convex with an outward slope of 2 to 4 percent from

*from the center. The side will be completed with slopes of 4:1. Areas of final cover will be seeded with grass or other suitable cover.*

(13) (12)

Item 8, a through c - Describe Operational Procedures to Demonstrate Compliance with Each of These Items.

Response:

- a) Leachate level monitoring is by a float valve in the holding tank. When level limitation (one foot above liner) is reached, the duplex pumps pump leachate to the Hudson Wastewater Treatment Plant for treatment, receiving secondary treatment. Volume leachate generated is reported to the Florida Department of Environmental Protection with rainfall data each month.
- b) Leachate is managed by duplex pumps mounted in the leachate collection tanks. Removal via pressure mains to the Hudson Wastewater Treatment Plant for secondary treatment.
- c) Pasco County has no plans for managing leachate as a hazardous waste. If, when, and should leachate be, sometime in the future, classified as a hazardous waste, Pasco County will be obligated to comply with the law. To attempt to prognosticate ten or 15 years into the future, when present manager's replacements will be on board and rules and regulations will most likely be changed, would be an exercise in futility. This matter may be best addressed at the time of reclassification.

*K-8.d. agreements for off site discharge*

Response:

Pasco County has arrangements for off-site discharges and treatment at the Hudson WWTP, which is on the adjoining site.

*K-8.e. Contingency plan for managing leachate during emergencies or equipment problems*

Response:

Pasco County maintains a fleet of tanker trucks which will haul leachate to the Hudson WWTP.

*K-8.f. Procedures for recording quantities of leachate generated in 9PD*

Response:

The leachate holding tanks are metered and recorded in daily logs.

(14)

**K-8.8.** *Procedures for Computing precipitation of percolate @ the landfill with leachate generation rates.*

**Response:**

Rainfall is recorded by visual rain gauges and is recorded on the daily leachate log sheets.

**K-9 - Describe a Routine Gas Monitoring Program for the Site.**

**Response:**

Class III materials to be placed in the landfill will generate very low quantities of methane and other decomposition gases after the low permeability top cap material is in place. Therefore, a gas venting system will be installed in conjunction with installation of the top cap material. The impermeable bottom liner will limit downward and sideward migration of methane. Since the site closure plan includes a low permeability top cap, the gas venting system in the solid waste cells will be installed as the cells are complete and closed. The vents will provide an escape route for gases that are lighter than air, such as methane, to prevent lateral migration of these potentially explosive gases. A gas monitoring program will be implemented with readings taken monthly and reported quarterly after the cell closing.

**8.10**

**K-10**

**Describe procedures for Operating and Maintaining the Landfill Stormwater Management System to Comply With the Standards of Chapters 17-3, 17-302, and 17-23, FAC.**

The access road encompassing the landfill area and the disposal unit berms are elevated above existing ground elevations to prevent any surface water from entering the waste-filled area.

Additionally, a large swale is located at the base of the landfill slope on the interior side of the access road. The swale is designed to receive runoff from the predeveloped and any closed-out areas of the landfill and direct it to one of four major retention basins.

The bottom of the landfill disposal units are lined and positioned above the seasonal high water table to prevent any lateral flow into the waste-filled areas, if in the unlikely event that standing water was to occur in the swales. Also ~~any~~ closed-out disposal units will be capped ~~with an 18 inch clay cap~~ to inhibit vertical infiltration/percolation of rain.

The landfill supervisor will routinely inspect the stormwater management system. Particular attention will be given to inspecting the culverts under the access road for any blockage. The stormwater management system will also be inspected prior to a natural disaster if sufficient notice is available, and after any natural disaster (see Section 8.2.2.2.)

## 11. EQUIPMENT OPERATION FEATURE REQUIREMENTS

(15)

**K-11-A** - Adequate In-Service and Reserve Equipment.

### Response:

Table 1 lists equipment proposed for the West Pasco County Class III Landfill. Cooperative lending agreements can also be used as a means of procuring additional back-up equipment either from the nearby Class I facility or the Pasco County Road and Bridge Department:

TABLE 1

| Number         | Equipment                  |
|----------------|----------------------------|
| 1 <sup>a</sup> | Bulldozer                  |
| 1 <sup>a</sup> | Compactor                  |
| 1 <sup>b</sup> | Water Truck w/Spray Boom   |
| 1 <sup>b</sup> | Leachate Transport Vehicle |

<sup>a</sup>To be permanent on-site equipment.

<sup>b</sup>To be provided on an as-needed basis from available equipment from the adjacent Class I facility or the Pasco County Road and Bridge Department.

**K-11 B** RESERVE EQUIPMENT / ARRANGEMENTS TO OBTAIN ADDITIONAL EQUIPMENT WITH IN 24 HRS OF BREAK DOWN.

**EQUIPMENT FAILURE PROCEDURE** - If equipment fails, the landfill supervisor will be notified so that arrangements can be made for the equipment repair. If the down-time is expected to hinder landfill operations, the landfill supervisor will obtain back-up equipment under established cooperative lending agreements with other solid waste management facilities or other County departments.

**K-11.C**

### **8.11.3** Communication Equipment

and THE

Communication between personnel in the West Pasco Landfill Maintenance Building, Resource Recovery Facility Scalehouse, and the West Pasco Class III Scalehouse and landfill staff operating equipment is maintained by two-way radios and the master communication system maintained for all County departments. Additionally, landfill staff can contact each other by two-way radios.



K-11-d

K-11, d ~~and h~~ - Provide current information in response to K-11, d and h.  
 Personnel shelter & Sanitary facilities, first aid Equipment

Response:

- d) Personnel shelter and sanitary facilities and first-aid equipment: Employees have access to two integrated shelters. The Class III Scale House has a lunch room. A microwave, coffee pot, sink, dishes, silverware (stainless), and refrigerator are available for all employees. There is a complete unisex bathroom kept clean and in 100 percent operable condition. The second unit is the Class III Maintenance Building that has crew lockers, wash area, and bathrooms.

11-K E

→ - Dust Control Methods.

Response:

Dust control will be performed using a spray truck which will wet down unpaved access roads and areas immediately adjacent to the working face. Dust masks will also be available to personnel working in excessively dusty areas.

11-K f FIRE PROTECTION CAPABILITIES & PROCEDURES

Response:

In the event that an uncontrollable fire does occur at the landfill site, the fire department will be contacted immediately. Small fires on the working face will be snuffed by a bulldozer. On-site stockpiles of soil will be available for suppressing fires.

A hot load area will be provided by the spotter in a location away from the working face to allow any vehicles arriving at the landfill with a fire in their load to dump quickly in an area where the "hot load" can be controlled and quickly covered with soil. The location of the hot load area will change from time to time with changing working face locations. Hot loads will not be dumped on the working face until sufficiently cool to avoid combustion.

EMERGENCY FIRE PROCEDURES - In the highly unlikely event that an UNCONTROLLABLE fire does occur at the landfill site:

- A. Field staff will contact scale attendant via two-way radio, provide details.
- B. Scale attendant will contact 911 requesting fire company response.
- C. Scale attendant will notify landfill operator.
- D. Landfill operator will direct additional equipment and manpower as may be required.

CONTROLLABLE FIRE

- A. See Item A. above.
- B. Field staff will put out the fire using landfill equipment and soil from an on-site stockpile maintained for the suppression.
- C. See Item A. above.
- D. Landfill supervisor will inspect scene.

K-11-G Litter Control Devices.

Response:

Litter will be controlled by requiring covered loads, efficient unloading and cover operations, and by routine cleanup as required.

K-11-h

~~K-11h~~ Detailed information that describes the signs, hours of operation, and disposal restrictions.

Response:

| <u>Sign No.</u> | <u>Size</u> | <u>Wording</u>                                                                                                                                | <u>Location</u>                                |
|-----------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| 1               | 72" X 42"   | West Pasco Recycling Center and Class III Landfill operating hours: 07:00 a.m. to 05:00 p.m.                                                  | Front Gate                                     |
| 2               | 36" X 18"   | 1230-1275 Hays Road                                                                                                                           | Front Gate                                     |
| 3               | 48" X 48"   | Special waste fees:<br>Pickup truck unweighed - \$15.00.<br>Single-axle trailer unweighed - \$25.00. All other vehicles weighed at \$45.65/T. | Entry Gate 2                                   |
| 4               | 48" X 18"   | No charge, normal household solid waste/garbage.                                                                                              | Entry Gate 2                                   |
| 5               | 48" X 24"   | Construction debris, demolition debris, waste tires, yard waste, proceed over the scale.                                                      | Just before the scale house                    |
| 6               | 24" X 36"   | All vehicles must stop at scale house.                                                                                                        | Just before the scale house.                   |
| 7               | 24" X 16"   | Construction demolition debris.                                                                                                               | C & D Cell Unit 1                              |
| 8               | 24" X 30"   | Children must stay in vehicle.                                                                                                                | Leaving the Scale                              |
| 9               | 16" X 24"   | Grass, clippings, leaves.                                                                                                                     | At Cell Unit 1                                 |
| 10              | 12" X 10"   | Tank 1                                                                                                                                        | At Tank 1                                      |
| 11              | 12" X 10"   | Tank 2                                                                                                                                        | At Tank 2                                      |
| 12              | 15" X 6"    | No smoking.                                                                                                                                   | At all leachate tanks and at Cell 1 and Cell 4 |

8-12

~~8-12~~ Provide a Description of All-Weather Access Road, Inside Perimeter Road and Other Roads Necessary for Access Which Shall Be Provided at the Landfill.

All roads providing access to the landfill disposal units are paved with asphalt. These roads include access roads from the Resource Recovery Facility and the West Pasco Class III Landfill and Recycling Center, a perimeter road and entrance ramps to the constructed disposal units.

(19)

13) Additional record keeping & reporting requirements

K-13-a ~~8-13.1~~ **Records Used For Developing Permit Applications and Supplemental Information Maintained For the Design Period of the Landfill**

Records used for developing permit applications and other Supplemental information will be maintained for the design period of the landfill in the Utilities Services Branch files.

K-13-b ~~8-13.2~~ **Monitoring Information Calibration and Maintenance Records, Copies of Reports Required By Permit Maintained For At Least Ten Years**

Reports required by the permit will be maintained for at least 10 years in the Utilities Services Branch files.

K-13-c ~~8-13.3~~ **Background Water Quality Records Shall be Maintained for the Design Period of the Landfill**

Background water quality records will be maintained for the design period of the landfill in the Utilities Services Branch files.

K-13-d ~~8-13.4~~ **Maintain Annual Estimates of the Remaining Life of Constructed Landfills and of Other Permitted Areas Not Yet Constructed and Submit This Estimate Annually to the Department**

The Operations and Maintenance Director will submit annually to the Department estimates of other remaining capacity of the constructed and unconstructed, permitted waste disposal units. Estimates will be maintained in the Utilities Services Branch Files.

K-13-e ~~8-13.5~~ **Annual Report Requirements Including a Report Submitted to the Department Which Is Signed, Dated and Sealed by P.G. or P.E.**

A technical report, prepared, signed and sealed by a P.G. or P.E. with experience in hydrogeologic investigations, will be submitted to the Department every two years. The report will summarize and interpret the water quality data and water level measurements collected during the previous two years.

The report will also include tabular and graphical displays of any parameters detected and water level hydrographs for all monitoring wells. The report will further show trends and comparisons between zones or aquifers, comparisons between upgradient and downgradient wells, correlations between related parameters, any discussions of erratic and/or poorly correlated data. Ground-water contour maps will be interpreted as to ground-water flow direction and rates. The report will further evaluate the adequacy of the water quality monitoring frequency and sampling locations based upon the site conditions. The report will be signed, dated and sealed by a P.G. or P.E.



Lawton Chiles  
Governor

# Florida Department of Environmental Protection

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619  
813-744-6100

Virginia B. Wetherell  
Secretary

## FAX TRANSMITTAL SHEET

3/25/96  
Date

**FAXED**  
3/27/96  
ESC

TO:

VIACE MANNEILA

DEPT.: SOLID WASTE MANAGEMENT

FAX #: (813) 8478064 / phone 8478040

FROM:

KIM FORD

DEPT.: D.E.P., Tampa Office

PHONE: 813-744-6100 or SunCom 542-6100 Ext. 382  
FAX(local) 744-6125 or (SunCom) 542-6125

SUBJECT:

W. PASCO CLASS III

COMMENT:

DRAFT PERMIT

PLEASE REVIEW AND CALL TO

COMMENT. THANKS.

(WE WOULD STILL LIKE TO

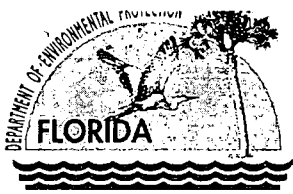
RECEIVE YOUR COMPREHENSIVE OPERATION

PLAN BY APRIL 8th AS WE DISCUSSED)

TOTAL NUMBER OF PAGES, INCLUDING COVER PAGE: 13

RECEIVED BY: \_\_\_\_\_

PHONE: \_\_\_\_\_



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

**DRAFT**

**PERMITTEE**

Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.  
7530 Little Road  
West Pasco Government Center  
New Port Richey, FL 34654

**PERMIT/CERTIFICATION**

GMS ID No: 4051M30035  
Permit No: **SO51-267334**  
Date of Issue:  
Expiration Date: **03/01/2001**  
County: Pasco  
Lat/Long: 28°22'05"N  
82°33'30"W  
Sec/Town/Rge: 25 & 26/24S/17E  
Project: West Pasco  
Class III Landfill

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-25, 62-522, 62-550, and 62-701. 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 and maintain a landfill and related facilities (approximately 20 acres), referred to as the West Pasco Class III Landfill, subject to the specific and general conditions attached, for disposal of solid waste, located at 14606 Hays Road, 3 miles north of County Road 52, Spring Hill, Pasco County, Florida. The specific conditions attached are for the operation of:

1. Class III Landfill Disposal Facility

Replaces Permit No.: SO51-182279

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 may be initiated to assure compliance with the conditions of this permit.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

DRAFT

P. AIT NO: S051-267334  
West Pasco Class III  
Landfill

**SPECIFIC CONDITIONS:**

1. **Landfill Designation.** This site shall be classified as a Class III landfill and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-25, 62-520, 62-522, 62-550, 62-701 and 62-703, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

2. **Permit Application Documentation.** This permit is valid for operation of the Class III landfill and related facilities in accordance with the reports, plans and other information as follows:

- Operation Permit Application by Pasco County submitted on March 17, 1995;
- Supporting information and Household Hazardous Waste Facility Operation and Contingency Plans by Pasco County submitted on May 22, 1995;
- Permit/Construction Drawings and Record Drawings by CDM and supporting information by Pasco County submitted on July 7, 1995;
- Supporting information by Pasco County submitted August 25 and November 3, 1995;
- and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.** Any activities 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. Permits shall be modified in accordance with the requirements of 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.

4. **Permit Renewal.** As required by F.A.C. 62-4.090(1), no later than **sixty (60) 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. Failure to comply with this condition may result in facility operation without a permit. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

5. **Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

DRAFT

**SPECIFIC CONDITIONS:**

6. **Special Wastes.** The design, operation, and monitoring of disposal or control of any "special wastes" shall be in accordance with F.A.C. 62-701.300(8), 62-701.520 and any other applicable Department rules, to protect the public safety, health and welfare.

- White goods or other discarded materials that are held for the purposes of recycling shall be held no longer than thirty (30) days unless covered, and 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. Surface water shall be diverted away from all storage or holding areas. Any processing or volume reduction of white goods or other discarded materials will require a modification of this permit.
- All solid wastes, recovered materials or residues handled at the site 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 or state regulations. Recovered resources which may be offered for sale shall comply with applicable regulations of all appropriate state agencies.
- Yard trash accepted at the site shall be processed and recycled, or disposed of within twelve months.
- The household hazardous waste collection/storage facility shall be operated in accordance with the Operating Plan and Contingency Plan by Pasco County submitted on May 22, 1995.
- White goods, contaminated soils, waste tires, and yard trash shall not be disposed of in the lined Class III Landfill.

7. **Landfill Operation Requirements.** The permittee shall operate this facility in accordance with F.A.C. 62-701.500, Landfill Operation Requirements, the January 1988 permit application by CDM, Section 5 - Operations Plan resubmitted on March 17, 1995, revisions by Pasco County submitted on May 22 and July 7, 1995, and supporting information by Pasco County submitted on August 25 and November 3, 1995.

8. **Operating Personnel.** As required by F.A.C. 62-701.500(1), at least one operator, trained in accordance with F.A.C. 62-703, shall be at the landfill at all times when the landfill receives waste. The permittee shall notify the Department in writing of a change of the primary on-site supervisor within 7 days of the effective start date of this new responsible individual. Copies of the training certificates for the newly assigned individual shall also be submitted.



PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

MIT NO: SO51-267334  
West Pasco Class III  
Landfill

DRAFT

**SPECIFIC CONDITIONS:**

9. **Operation Plan and Operating Record.** Each landfill owner or operator shall have an operational plan which meets the requirements of F.A.C. 62-701.500(2). A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. An operating record as required by F.A.C. 62-701.500(3) is part of the operations plan, and shall also be maintained at the site.

10. **Method and Sequence of Filling.** The method and sequence of filling shall be in accordance with the December 1987 drawings by CDM "Permit and Construction Drawings", submitted on July 7, 1995.

11. **Waste Records.** Waste quantity records shall be maintained as required by F.A.C. 62-701.500(4) and submitted **quarterly; by Jan. 15th, April 15th, July 15th, and Oct. 15th.**

12. **Control of Access.** Access to, and use of, the facility shall be controlled as required by F.A.C. 62-701.500(5).

13. **Monitoring of Waste.** Wastes shall be monitored as required by F.A.C. 62-701.500(6). The permittee shall not accept hazardous waste or any hazardous substance for disposal at this site. Hazardous waste is a waste identified in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

14. **Waste Handling Requirements.** All solid waste disposed of in the Class III area shall be handled as required by F.A.C. 62-701.500(7). Initial cover shall be applied and maintained in accordance with F.A.C. 62-701.500(7)(e) so as to protect the public health and welfare. Intermediate cover shall be applied and maintained in accordance with F.A.C. 62-701.500(7)(f).

All solid waste disposed of in the Class III 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 work week. 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.

15. **Working Face.** As required by F.A.C. 62-701.500(7)(d), the permittee shall minimize the size of the working face to minimize leachate, and unnecessary use of cover material. The permittee shall maintain the working face of a cell only wide enough to efficiently accommodate vehicles discharging waste and to minimize the exposed area. Interceptor berms shall be maintained around the active working area to prevent leachate runoff from the working face from entering the stormwater management system. Runoff from outside the bermed working face area will be considered stormwater only if the flow passes over areas which have no exposed waste.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

P. AIT NO: S051-267334  
West Pasco Class III  
Landfill

DRAFT

**SPECIFIC CONDITIONS:**

16. **Final Cover.** Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed in accordance with F.A.C. 62-701.500(7)(g) and all applicable requirements of Department rules.

17. **Leachate Management.** Leachate shall be managed in accordance with the requirements of F.A.C. 62-701.500(8), and the supporting information by Pasco County submitted on November 3, 1995. Each pump station shall be inspected on a semi-annual basis. Pump performance shall be verified and current draw recorded. Pumps showing reduced performance shall be removed for maintenance and a replacement pump installed immediately. Leachate generation reports shall be compiled monthly and submitted to the Department quarterly, by **January 15th, April 15th, July 15th and October 15th** each year. Leachate generation reports shall include the number of open, intermediate and closed acres, and the quantities of leachate collected, stored or impounded, recirculated, and hauled/piped off-site to a wastewater treatment facility, and daily precipitation amounts greater than one tenth of an inch. Leachate discharge to areas outside of the geomembrane liner is a violation of Department rules.

18. **Gas Monitoring.** Landfill gas shall be monitored as required by F.A.C. 62-701.500(9), 62-701.400(10), and the supporting information by Pasco County submitted on November 3, 1995. The results of quarterly monitoring shall be submitted by **January 15th, April 15th, July 15th and October 15th** each year.

19. **Gas Monitoring Locations.** The following gas monitoring locations shall be sampled **quarterly** for the Lower Explosive Limit (LEL) of methane, as described in F.A.C. Rule 62-701.400(10)(c).

Locations:  
Scalehouse  
Landfill Operator's Office

20. **Gas Remediation.** In the event that the Lower Explosive Limit (LEL) is greater than 25% inside structures both on or off of the landfill site, or greater than 100% at the property boundary, the owner shall submit to the Department, **within 7 days of detection**, a remediation plan detailing 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.

21. **Stormwater System Management.** Stormwater shall be managed as required by F.A.C. 62-701.500(10) to meet applicable standards of F.A.C. 62-25 and 62-302.

22. **Recordkeeping.** Records shall be maintained as required by F.A.C. 62-701.500(13).

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

DRAFT

**SPECIFIC CONDITIONS:**

23. **Waste Burning.** Open burning of solid waste is prohibited except in accordance with F.A.C. 62-701.520(2). 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 F.A.C. 62-2.500(1)(e). Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department of Environmental Protection.

24. **Closure Permit Requirements.** The landfill owner or operator shall submit a closure permit application to the Department, at least **90 days prior** to the date when wastes will no longer be accepted for active portions of the landfill, as required by F.A.C. 62-701.600(3).

25. **Financial Assurance.** The permittee shall provide financial assurance for this landfill site in accordance with F.A.C. 62-701.630. All costs for closure and long-term care shall be adjusted and submitted **annually, by September 1 each year**, 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: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

26. **Control of Nuisance Conditions.** 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 nuisance conditions on adjoining 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. The owner or operator shall control mosquitoes and rodents as so to protect the public health and welfare.

27. **Liner Location.** The top edge of the geomembrane liner shall be clearly flagged. Waste disposal and leachate runoff outside the geomembrane liner is prohibited.

28. **Facility Maintenance and Repair.** The site shall be properly maintained including erosion control, maintenance of grass cover, prevention of ponding, groundwater monitoring system repairs, and repair and maintenance of leachate collection and removal systems. In the event of damage to any portion of the landfill site facilities or failure of any part 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.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

DRAFT

**SPECIFIC CONDITIONS:**

**29. Water Quality Monitoring Quality Assurance.**

a. All field and laboratory work done in connection with the facility's Water Quality Monitoring Plan shall be conducted by a firm possessing a Comprehensive Quality Assurance Plan approved by the Department to meet the requirements of F.A.C. 62-160. The Quality Assurance Plan must specifically address the types of sampling and analytical work that is required by the permit. The Quality Assurance Plan shall be required of all persons performing sampling or analysis, and shall be followed by all persons collecting or analyzing samples related to this permit. Documentation of an approved QAP shall be submitted **annually** to the Department with the groundwater sampling report due **January 15th**. Documentation shall include the completed signature page and the Table of Contents of the approved plan.

b. 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 F.A.C. 62-4.246 and 62-160. Approved methods published by the Department or as published in Standard Methods, A.S.T.M., or EPA methods shall be used.

**30. Zone of Discharge.**

a. The zone of discharge for this site shall extend horizontally 100 feet from the limits of the landfill liner or to the property boundary, whichever is less, and shall extend vertically to the bottom of the first occurring aquifer.

b. The permittee shall ensure that the water quality standards and minimum criteria for Class G-II groundwaters will not be exceeded at the boundary of the zone of discharge according to F.A.C. 62-520.420.

**31. Leachate Sampling.** Leachate shall be sampled from Tank 1 and analyzed **annually** for the following monitoring parameters:

Field parameters

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

Laboratory parameters

Total Ammonia - N  
Bicarbonate  
Chlorides  
Iron  
Mercury  
Arsenic  
Cadmium  
Chromium  
Lead  
Nitrate  
Sodium  
Total Dissolved Solids (TDS)  
Parameters listed in EPA Methods  
601 and 602

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

DRAFT

1 AIT NO: SO51-267334  
West Pasco Class III  
Landfill

**SPECIFIC CONDITIONS:**

If the wastes types accepted vary from the waste types listed in the permit renewal application for Cells 1 and 2, or waste types other than yard trash are stored in Cells 3 and/or 4, the permittee must notify the FDEP within 7 days. Within 30 days of this notification, the permittee must provide an evaluation of the leachate monitoring program to account for the new waste types.

**90 days prior to permit renewal**, leachate from Tanks 1 and 2 shall be analyzed for the parameters listed in F.A.C. Rule 62-701.510(8)(c) and (d).

**32. Groundwater Monitoring Well Locations.** The Groundwater Monitoring System is designed and constructed in accordance with the plans on file in the Southwest District Office. The active ground water monitoring wells and piezometers are located as per plan sheets number 3 and 4, submitted on November 28, 1988 by CDM, as follows:

| <u>Well Number</u> | <u>Aquifer</u>        | <u>Location</u>       |
|--------------------|-----------------------|-----------------------|
| 4MW3A              | Floridan(background)  | see Figure 1 attached |
| 2MW3               | Surficial(background) | "                     |
| 4MW7               | Floridan              | "                     |
| 2MW7               | Surficial             | "                     |
| 4MW8               | Floridan              | "                     |
| 2MW8               | Surficial             | "                     |
| 4MW9               | Floridan              | "                     |
| 2MW9               | Surficial             | "                     |
| 2MW10              | Surficial             | "                     |

All wells are to be clearly labeled and easily visible at all times. A surveyed drawing shall be submitted showing the location of all monitoring wells (active and abandoned) which will be horizontally located by latitude and longitude (degrees, minutes, seconds), Universal Transverse Mercator coordinates, and the elevation of the top of the well casing to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the monitor well identification number, locations and elevations of all permanent benchmarks and/or corner monument markers at the site. The survey shall be conducted by a Florida Registered Surveyor, and submitted within **90 days** of new well completion.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: S051-267334  
West Pasco Class III  
Landfill

SPECIFIC CONDITIONS:

DRAFT

33. **Groundwater Sampling.** All detection and background wells shall be sampled in accordance with F.A.C. 62-701.510(6)(c) and analyzed **every 6 months** for the groundwater monitoring parameters listed as follows:

| <u>Field parameters</u> | <u>Laboratory parameters</u> |
|-------------------------|------------------------------|
| Static Water Level      | Total Ammonia - N            |
| before purging          | Chlorides                    |
| Specific Conductivity   | Iron                         |
| pH                      | Mercury                      |
| Dissolved Oxygen        | Nitrate                      |
| Turbidity               | Sodium                       |
| Temperature             | Total Dissolved Solids (TDS) |
| Colors and sheens       | Those parameters listed in   |
| (by observation)        | 40 CFR Part 258, Appendix I  |

Additional samples, wells, and parameters may be required based upon subsequent analysis.

34. All wells not a part of the approved Water Quality Monitoring Plan are to be plugged and abandoned in accordance with F.A.C. 62-532.440, and the Southwest Florida Water Management District (SWFWMD). This includes piezometers H-32, H-40, H-48 and G-48. These piezometers shall be abandoned by **July 1, 1996**. Documentation of abandonment shall include a map showing piezometer/well locations and SWFWMD abandonment records. The permittee shall submit a written report to the Department providing verification of the well abandonment **within 30 days of abandonment**. A written request for exemption to the abandonment of a well must be submitted to the Department's Solid Waste Section for approval.

35. **Assessment Monitoring.** If at any time monitoring parameters are detected at concentrations significantly above background water quality, or exceed the Department's water quality standards or criteria at the edge of the zone of discharge, the permittee has 15 days 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 representative of current groundwater conditions at the facility, and assessment monitoring/corrective action as described in F.A.C. 62-701.510(7) shall be initiated.

36. **Water Quality and Leachate Reporting Requirements.** All ground water quality monitoring and leachate analyses shall be reported on the Department Form 62-522.900(2), Ground Water Monitoring Report and shall include the items listed in F.A.C. 62-701.510(9)(a). The permittee shall submit to the Department the results of the water quality analysis **July 15th** and **January 15th** for the semi-annual periods January-June and July-December, respectively. The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: S051-267334  
West Pasco Class III  
Landfill

DRAFT

**SPECIFIC CONDITIONS:**

**37. Groundwater Monitoring Plan Evaluation.**

Every two years and prior to 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. 62-701.510(9)(b). The evaluation shall include the applicable information as required by F.A.C. 62-701.510(9), and shall include 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. The first evaluation shall be submitted to the Solid Waste Section of the Department by July 15, 1997.

**38. Professional Certification.** 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.

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

**40. Permit Acceptance.** 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.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

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

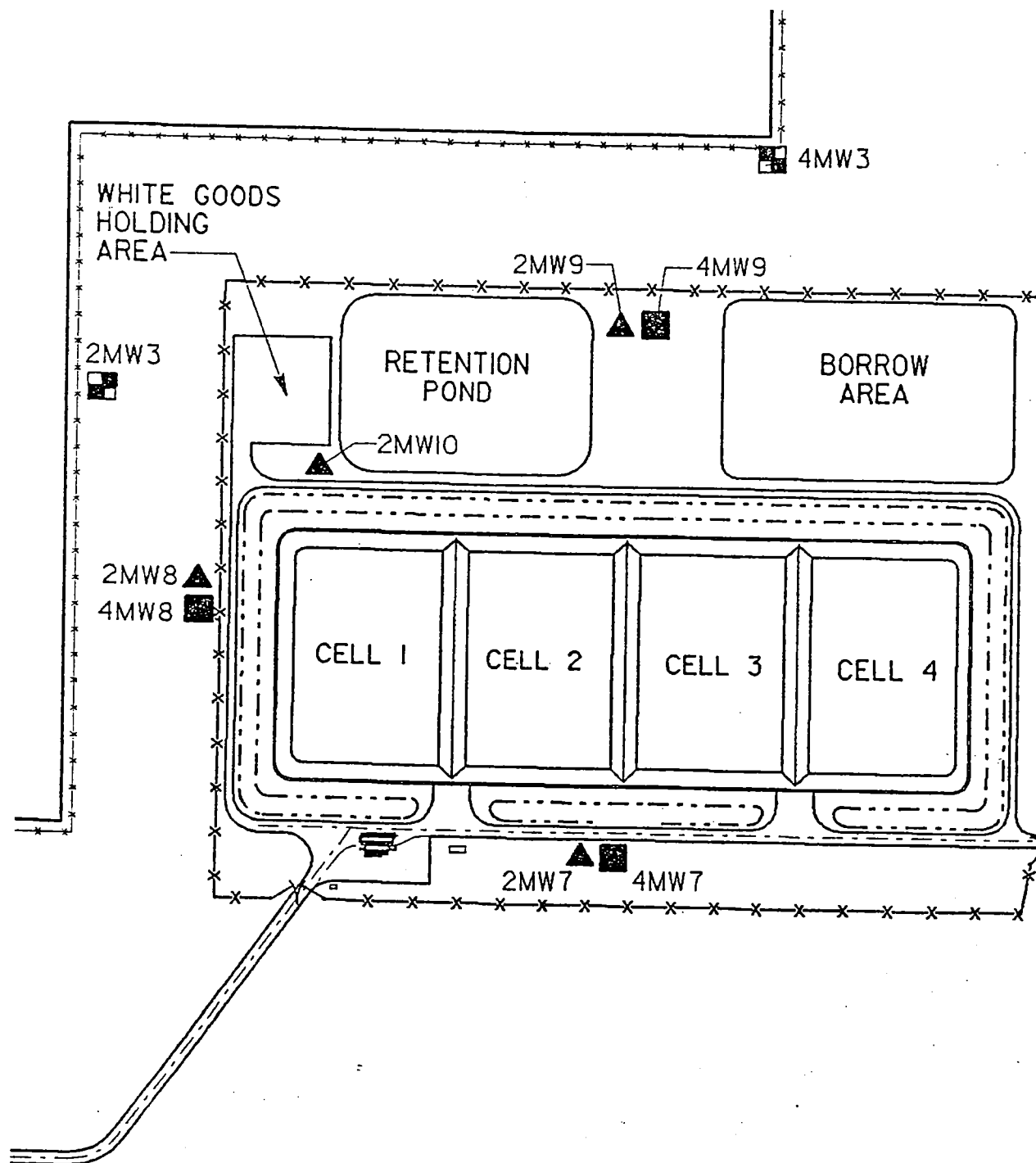
PERMITTEE: Pasco County Board of  
County Commissioners  
Mr. Vince Mannella, P.E.

PERMIT NO: SO51-267334  
West Pasco Class III  
Landfill

Attachment 1

| SPECIFIC<br>CONDITION   | SUBMITTAL<br>DUE DATE                                                           | DRAFT | REQUIRED<br>ITEM                                                                  |
|-------------------------|---------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|
| 4.                      | 60 days prior to<br>permit expiration                                           |       | Permit Renewal Application                                                        |
| 11.,<br>17., and<br>18. | Quarterly, by<br>January 15th,<br>April 15th,<br>July 15th, and<br>October 15th |       | Waste quantity reports,<br>Leachate generation reports,<br>Gas monitoring results |
| 24.                     | 90 days prior<br>to date of final<br>waste acceptance                           |       | Closure Permit Application                                                        |
| 25.                     | Annually, by<br>September 1st                                                   |       | Financial assurance cost<br>estimates                                             |
| 29.a.                   | Annually,<br>by January 15th                                                    |       | Water quality QAP<br>documentation                                                |
| 31.                     | Annually                                                                        |       | Leachate sampled/analyzed                                                         |
| 33.                     | Every 6 months                                                                  |       | Groundwater wells sampled/<br>analyzed                                            |
| 36.                     | Semi-annually, by<br>January 15th, and<br>July 15th                             |       | Water quality and leachate<br>monitoring results                                  |
| 37.                     | Every two years by<br>July 15th and 90<br>days prior to permit<br>expiration    |       | Evaluation of groundwater<br>monitoring plan                                      |





MONITORING WELL LOCATIONS  
WEST PASCO COUNTY CLASS III SANITARY LANDFILL      FIGURE 1

## Transmit Confirmation Report

No. : 013  
Receiver : 8-1-813-847-8064  
Transmitter : WASTE MGT TAMPA SWDIST  
Date : Mar 27 96 17:01  
Time : 11'09  
Mode : Fine  
Pages : 13  
Result : OK

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 3/25/96 Subject W PASCAL COTI  
Time 1:05 Permit No. PENDING  
County PASCAL  
M VINCE MANNELLA Telephone No. (613) 8478060

Representing PASCAL

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

Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting \_\_\_\_\_

I ASKED VINCE ABOUT

COMPREHENSIVE OPERATION PLAN.

HE SAID HE WANTS TO PROVIDE ONE SIMILAR

TO THE CLASS II PLAN AND WILL PROVIDE

IT ON APRIL 8th

I EXPLAINED THAT I WOULD FAX

A DRAFT OF THE PERMIT TO HIM FOR COMMENTS.

(continue on another  
sheet, if necessary)

Signature [Signature]

Title \_\_\_\_\_

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 3/4/96 Subject W PASLO LG

Time 10:15 Permit No. \_\_\_\_\_

County PASCO

M Vince Manna Telephone No. \_\_\_\_\_

Representing PASCO County

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

Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting \_\_\_\_\_

I ASKED VINCE MANNA TO USE THE APPLICATION FORM, GIVE ME AS A TABLE OF CONTENTS AND LIST RESPONSES PREVIOUSLY SUBMITTED THAT ADDRESS EACH ITEM AND PROVIDE ONE COMPREHENSIVE OPS PLAN. VINCE MANNA AGREED AND SAID HE WILL CALL ME IF HE FINDS A PROBLEM.

I SUGGESTED A PLAN FORMAT SIMILAR TO THE W PASLO CLASS I OPS PLAN.

(continue on another sheet, if necessary)

Signature [Signature]

Title \_\_\_\_\_

**LAW COMPANIES**ENGINEERING AND  
ENVIRONMENTAL SERVICES4919 WEST LAUREL STREET  
P.O. BOX 24183 • TAMPA, FLORIDA 33623  
(813) 289-0750744-6100  
permit file  
**LETTER OF TRANSMITTAL**

TO

ALLISON AMRAM  
PEEP SW DISTRICT  
3804 Coconut Palm Dr.  
Tampa, FL 33619

|                 |                                                 |         |  |
|-----------------|-------------------------------------------------|---------|--|
| DATE            | 2/19/96                                         | JOB NO. |  |
| ATTENTION       | Allison Amram                                   |         |  |
| RE:             | West Pasco Class III<br>Landfill Permit Renewal |         |  |
| <b>RECEIVED</b> |                                                 |         |  |
| FEB 20 1996     |                                                 |         |  |

GENTLEMEN:

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via Department of Environmental Protection  
SOUTHWEST DISTRICT the following items:  
 BY ☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications  
☐ Copy of letter ☐ Change order ☐

| COPIES | DATE    | NO. | DESCRIPTION                          |
|--------|---------|-----|--------------------------------------|
| 100    | 9-13-95 | 8   | SWFWMD Well Permits Issued Printouts |
|        |         | 1   | Sect. 13-14, T24S, R17E              |
|        |         | 1   | Sect 23-26, T24S, R17E               |
|        |         | 1   | Sect 35-36, T24S, R17E               |
|        |         | 1   | Sect 18-19, T24S, R18E               |
|        |         | 1   | Sect 30-31 T24S, R18E                |
|        |         |     |                                      |
|        |         |     |                                      |
|        |         |     |                                      |
|        |         |     |                                      |

THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Resubmit \_\_\_\_\_ copies for approval  
☐ For your use ☐ Approved as noted ☐ Submit \_\_\_\_\_ copies for distribution  
☒ As requested ☐ Returned for corrections ☐ Return \_\_\_\_\_ corrected prints  
☐ For review and comment ☐ \_\_\_\_\_  
☐ FOR BIDS DUE \_\_\_\_\_ 19 \_\_\_\_\_ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS

Attached are originals of the SWFWMD Computer  
 Printout for the Sections, enclosing a one-radius  
 around the Class III Landfills. The  
 Computer history was generated on 9/13/95

COPY TO

Vince Manella

SIGNED:

George Elsworth



# RECIPIENT'S COPY

QUESTIONS? CALL 800-238-5353 TOLL FREE.

4757981690

AIRBILL  
PACKAGE  
TRACKING

4757981690



Date

2-19-96

From (Your Name) Please Print

GEORGE ELLSWORTH

Your Phone Number (Very Important)

(813) 284-0750

To (Recipient's Name) Please Print

ALLISON AMPAM

Recipient's Phone Number (Very Important)

(813) 744-6100

Company

LAW ENGINEERING, INC

Department/Floor No.

Company

FDE P SC District

Department/Floor No.

Street Address

4919 W. LAUREL ST.

Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O.-Zip Codes.)

3809 Coconut Palm Av

City

TAMPA, FL

State

ZIP Required

33607

City

Tampa

State

FL

ZIP Required

33619

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.)



IF HOLD AT FEDEX LOCATION, Print FEDEX Address Here

Street Address

PAYMENT 1 ☒ Bill Sender 2 ☐ Bill Recipient's FedEx Acct. No. 3 ☐ Bill 3rd Party FedEx Acct. No. 4 ☐ Bill Credit Card

5 ☐ Cash/Check

City

State

ZIP Required

3

4

## SERVICES

(Check only one box)

## DELIVERY AND SPECIAL HANDLING

(Check services required)

6

PACKAGES

WEIGHT

in Pounds Only

YOUR DECLARED VALUE

(See right)

Emp. No.

Date

Federal Express Use

### Priority Overnight

(Delivery by next business morning)

11 ☐ OTHER PACKAGING

16 ☒ FEDEX LETTER

12 ☐ FEDEX PAK

13 ☐ FEDEX BOX

14 ☐ FEDEX TUBE

### Economy Two-Day

(Delivery by second business day)

30 ☐ ECONOMY

\* Economy Letter Rate not available. Minimum charge: One pound Economy rate.

### Freight Service

(for packages over 150 lbs.)

70 ☐ OVERNIGHT FREIGHT

(Confirmed reservation required)

† Delivery commitment may be later in some areas.

### Standard Overnight

(Delivery by next business afternoon, for Saturday delivery)

51 ☐ OTHER PACKAGING

56 ☒ FEDEX LETTER

52 ☐ FEDEX PAK

53 ☐ FEDEX BOX

54 ☐ FEDEX TUBE

### Government Overnight

(Restricted for authorized users only)

46 ☐ GOVT LETTER

41 ☐ GOVT PACKAGE

### Two-Day FREIGHT

(Confirmed reservation required)

80 ☐ TWO-DAY FREIGHT

\*Declared Value Limit \$500.

\*\*Call for delivery schedule.

### Weekday Service

(Check services required)

1 ☐ HOLD AT FEDEX LOCATION WEEKDAY

(Fill in Section H)

2 ☒ DELIVER WEEKDAY

### Saturday Service

31 ☐ HOLD AT FEDEX LOCATION SATURDAY

(Fill in Section H)

3 ☐ DELIVER SATURDAY

(Extra charge) (Not available to all locations)

9 ☐ SATURDAY PICK-UP

(Extra charge)

### Special Handling

4 ☐ DANGEROUS GOODS (Extra charge)

6 ☐ DRY ICE

Dangerous Goods Shipper's Declaration not required

Only 9.1 UN 1845 X kg. 904 III

DESCRIPTION

12 ☐ HOLIDAY DELIVERY (If offered)

(Extra charge)

Total Total Total

DIM SHIPMENT (Chargeable Weight)

☐ lbs.

L x W x H

Received At

☐ Regular Stop ☐ Drop Box

4 ☐ B.S.C.

2 ☐ On-Call Stop ☐ Station

7

Release Signature:

Base Charges

☐ Return Shipment

Declared Value Charge

Other 1

Other 2

Total Charges

REVISION DATE 4/94

PART #145413

FORMAT #160

160

© 1993-94 FEDEX

PRINTED IN U.S.A.

## MULTIPLE PACKAGE SERVICE

IF YOU ARE  
MAKING AN MPS  
SHIPMENT, APPLY  
THE SELF ADHESIVE  
MPS COPY HERE

## TERMS AND CONDITIONS

### DEFINITIONS

On this Airbill, we, our and us refer to Federal Express Corporation, its employees and agents. You and your refer to the sender, its employees and agents.

### AGREEMENT TO TERMS

By giving us your package to deliver, you agree to all the terms on this Airbill and in our current Service Guide, which is available on request. If there is a conflict between the current Service Guide and this Airbill, the Service Guide will control. No one is authorized to alter or modify the terms of our Agreement.

### RESPONSIBILITY FOR PACKAGING AND COMPLETING AIRBILL

You are responsible for adequately packaging your goods and for properly filling out this Airbill. Omission of the number of packages and weight per package from this Airbill will result in a billing based on our best estimate of the number of packages received from you and an estimated "default" weight per package, as determined and periodically adjusted by us.

### AIR TRANSPORTATION TAX INCLUDED

Our basic rate includes a federal tax required by Internal Revenue Code Section 4271 on the air transportation portion of this service.

### LIMITATIONS ON OUR LIABILITY AND LIABILITIES NOT ASSUMED

Our liability for loss or damage to your package is limited to your actual damages or \$100, whichever is less, unless you pay for and declare a higher authorized value. We do not provide cargo liability insurance, but you may pay an additional charge for each additional \$100 of declared value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your package.

In any event we will not be liable for any damages, whether direct, incidental, special or consequential in excess of the declared value of a shipment, whether or not Federal Express had knowledge that such damages might be incurred including, but not limited to, loss of income or profits.

We won't be liable for your acts or omissions, including but not limited to improper or insufficient packing, securing, marking or addressing, or for the acts or omissions of the recipient or anyone else with an interest in the package. Also, we won't be liable, if you or the recipient violates any of the terms of our agreement. We won't be liable for loss of or damage to shipments of prohibited items.

We won't be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, acts of public enemies, war, strikes, civil commotions, or acts or omissions of public authorities (including customs and quarantine officials) with actual or apparent authority.

### DECLARED VALUE LIMITS

The highest declared value we allow for FedEx Letter and FedEx Pak shipments is \$500. For other shipments, the highest declared value we allow is \$50,000 unless your package contains items of "extraordinary value," in which case the highest declared value we allow is \$500. Items of "extraordinary value," include artwork,

jewelry, furs, precious metals, negotiable instruments, and other items listed in our current Service Guide.

If you send more than one package on this Airbill, you may fill in the total declared value for all packages, not to exceed the \$100, \$500 or \$50,000 per package limit described above. (Example: 5 packages can have a total declared value of up to \$250,000.)

If more than one package is shipped on this airbill, our liability for loss or damage will be limited to the actual value of the package(s) lost or damaged (not to exceed the lesser of the total declared value or the per package limits described above). You have the responsibility of proving the actual loss or damage.

### FILING A CLAIM

ALL CLAIMS MUST BE MADE BY YOU IN WRITING. You must notify us of your claim within strict time limits. See current Service Guide.

We'll consider your claim filed if you call and notify our Customer Service Department at 800-238-5355 and notify us in writing as soon as possible.

Within 90 days after you notify us of your claim, you must send us all relevant information about it. We are not obligated to act on any claim until you have paid all transportation charges, and you may not deduct the amount of your claim from those charges.

If the recipient accepts your package without noting any damage on the delivery record, we will assume that the package was delivered in good condition. In order for us to process your claim, you must, to the extent possible, make the original shipping cartons and packing available for inspection.

### RIGHT TO INSPECT

We may, at our option, open and inspect your packages prior to or after you give them to us to deliver.

### NO C.O.D. SERVICES

NO C.O.D. SERVICES ON THIS AIRBILL. If C.O.D. Service is required, please use a Federal Express C.O.D. airbill for this purpose.

### RESPONSIBILITY FOR PAYMENT

Even if you give us different payment instructions, you will always be primarily responsible for all delivery costs, as well as any cost we may incur in either returning your package to you or warehousing it pending disposition.

### RIGHT OF REJECTION

We reserve the right to reject a shipment at any time, when such shipment would be likely to cause damage or delay to other shipments, equipment or personnel, or if the transportation of which is prohibited by law or is in violation of any rules contained in this Airbill or our current Service Guide.

### MONEY-BACK GUARANTEE

In the event of untimely delivery, Federal Express will at your request and with some limitations, refund or credit all transportation charges. See current Service Guide for further information.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 2/16/96 Subject West Pasco Cl 3  
Time 4:15 Permit No. \_\_\_\_\_  
County Pasco  
M Vince Manella Telephone No. 813/847-8040  
Representing Pasco Co. Utilities - Solid Waste  
[ ] Phoned Me [ ] Was Called [ ] Scheduled Meeting [ ] Unscheduled Meeting  
Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting \_\_\_\_\_

All issues for permit renewal have been addressed except the SWFWMD well listing.

2/19 Told Vince that Candia Mulhearn was able to get me all the lab results that Cl was missing. The only remaining item we need to issue the permit is the SWFWMD well survey. Cl gave him Rene Bailey's # @ SWFWMD. He agreed that we can go complete on this permit application - he will get the well survey to me; if he has any

(continue on another  
sheet, if necessary)

Signature Allison Arriam  
Title PGI

PA-01  
1/93  
hjs

problems getting this, he will call me.



fax: 813/847-8064

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 2/16/96 Subject W Pasco U3  
Time 1:35 Permit No. \_\_\_\_\_  
County Pasco  
M Candy McHearn Telephone No. 813/847-8902  
Representing Pasco Utility Lab  
[ ] Phoned Me [X] Was Called [ ] Scheduled Meeting [ ] Unscheduled Meeting  
Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting \_\_\_\_\_

Missing results from 2MW3, 2MW7, 2MW8,  
2MW9, 2MW10  
Were wells dry? If so, I need to see  
field sheets showing dry wells I have cert.  
sheets for the quarterly mon data collected 7/5/95 - this is fine.  
What are lab #s 9790158, -0159, -0160, 0161?  
Re'd metals analyses on those only. ~~A~~  
9790158 - missing copper → Candia called  
~~Missing parameters~~ ~~Ab~~

(continue on another  
sheet, if necessary)

Signature Allison Amram  
Title PGI

PA-01  
1/93  
hjs

Broward to see about the copper analysis --  
Candia will fax it to me -- Broward thinks  
that it was just omitted from the report -  
will send revised report. I should get it Mon, 2/19

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

**FAX**

Date: 2/16/96

Number of pages including cover sheet: 1

To:

Candice Mulhearn  
Pasco Env. Lab

Phone:

Fax phone:

813/847-8064

CC:

From:

Allison Amram  
Solid Waste

Phone:

(813) 744-6100

x 336

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☐ For your review

☐ Reply ASAP

☐ Please comment

West Pasco Class III groundwater results  
Candice - I need your clarification on the following items;  
please call me today, if possible. Thanks.

- Where are results from 2MW3, 2MW7, 2MW8, 2MW9, 2MW10?  
If these wells were dry, please send me the field notes  
when these wells were checked, or send certification  
(signed by you or Vince Manella) statement that they were  
dry.

- Missing copper from National Testing Lab, Report # 9790158  
(4MW3A).

## Transmit Confirmation Report

No. : 008  
Receiver : 818138478064  
Transmitter : WASTE MGT TAMPA SWDIST  
Date : Feb 16 96 15:00  
Time : 01'08  
Mode : Fine  
Pages : 01  
Result : OK

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 2/13/96 Subject Solid Waste Permit Sampling  
Time 1:10 Permit No. \_\_\_\_\_  
County Pasco  
M Candia Mulhearn Telephone No. 813/947-8902  
Representing Pasco Co Utilities Lab  
[ ] Phoned Me ☒ Was Called [ ] Scheduled Meeting [ ] Unscheduled Meeting  
Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting \_\_\_\_\_

W. Pasco Ct 3 - Missing permit renewal  
sampling that appears was done 7/25/95.  
Need for permit renewal - will send by Thur.  
Lab sent results to Vince, not to DEP

She received permits <sup>sent her</sup> - Resource Recovery,  
East Pasco, Ridge Rd, W Pasco Ct 3 pending  
I did not send her anything on E. Pasco

(continue on another  
sheet, if necessary)

Signature Allison Amman  
Title PGI

- Ridge Rd - quarterly, all wells for App. I  
Will sample for new plan
- GW Mon. Report forms - discussed App II
- I will check on E. Pasco  
She's doing it quarterly - wants confirmation

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 2/12/96 Subject W Pasco Cl 3 Permit  
Time 11:20 Permit No. \_\_\_\_\_  
County Pasco  
M Vince Manella Telephone No. 813/856-0119-8477-8040  
Representing Pasco Co Utilities - Solid Waste (new #)  
[ ] Phoned Me [X] Was Called [ ] Scheduled Meeting [ ] Unscheduled Meeting  
Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting 2/12 11:20 - No answer, 1:45 2/13/96  
W Pasco Cl 3 permit still needs information  
requested months ago -  
Well survey date - never received response  
from Co. or Law. Cl called SWFWMD -- info  
Law submitted in July was over a year old at  
that time - need current survey still

GW permit renewal sampling - cl received only  
Results from 4 MW3A -- no other wells. Why?  
Missing to set me Candy for this  
(continue on another sheet, if necessary) Signature Allison Amram  
Title PGI

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

**FAX**

**FAXED**  
12-05 AA

Date:

2/13/96

Number of pages including cover sheet:

1

To:

Vince Manella  
Pasco Co - Solid Waste

Phone:

813/856-0119

Fax phone:

813/847-8064

CC:

From:

Allison Amram  
Solid Waste Section

Phone:

(813) 744-6100

✓336

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☐ For your review

☐ Reply ASAP

☐ Please comment

Vince -

I haven't been able to get you on the phone, so I'm trying the fax! Please call me to discuss W. Pasco Cl 3 + Ridge Rd permits!

Thanks!

Allison



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Mr. Douglas Bramlett, Assistant County Administrator  
Pasco County Utilities Services  
7530 Little Road  
New Port Richey, FL 34654

February 6, 1996

RE: Financial Assurance Cost Estimates  
West Pasco Class III Landfill, Pending Permit No.: SO51-267334, Pasco County

Dear Mr. Bramlett:

This letter is to acknowledge receipt of the revised estimates dated August 14, 1995, received by the Department January 17, 1996, for closure and long-term care of the West Pasco Class III Landfill. The cost estimates dated August 14, 1995, as received January 17, 1996, for closure costs of \$782,637.75 and long-term care costs of \$81,681/year (\$2,459,430 total) are **APPROVED**. The next annual update (revised or inflation-adjusted estimates) is due no later than August 1, 1996.

Please be advised that gas monitoring and control systems may not be required at this time. However, in the event that significant quantities of biodegradable wastes (e.g. furniture, wood, textiles, etc.) are disposed in the Class III disposal facility or landfill gases are evident, gas monitoring/control systems may be required. In the event that these systems are required, the financial assurance costs estimates shall be updated to include the gas monitoring/control systems.

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of FAC 62-701.630.

If you have any questions, you may contact me at (813) 744-6100 ext. 386.

Sincerely,

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

sjp  
cc:

Robert J. Sigmond, Pasco County Utilities Fiscal Services, 7530 Little Road, New Port Richey, FL 34654  
Vincent Mannella, P.E., Pasco County Resource Recovery, 14230 Hays Road, Spring Hill, FL 34610  
Richard E. Mayer, P.E., Law Environmental, 4919 W. Laurel St., Tampa, FL 33607  
Fred Wick, FDEP, Tallahassee, w/attachment  
Robert Butera, P.E., FDEP Tampa  
Allison Amram, P.G., FDEP Tampa  
Steve Morgan, FDEP Tampa  
Kim Ford, P.E., FDEP Tampa