

MANATEE COUNTY PUBLIC WORKS
SOLID WASTE/LANDFILL SECTION

FACSIMILE COVER MEMO

FAX # (941)795-3490

PLEASE DELIVER THE FOLLOWING PAGE(S)

TO: Robert Butera, P.E., FDEP
Division of Waste Management

ADDRESS: 813/744-6125

FROM: Gus DiFonzo, Solid Waste Manager

DATE: 7-22-99

TIME TRANSMITTED: 8:25am

SUBJECT: City of Temple Terrace Street Sweepings

PLEASE CALL UPON RECEIPT _____ PLEASE HANDLE CONFIDENTIALLY _____

COMMENTS:

Good morning!

As requested for your files, please find following the Agenda Package presented to the Manatee County Board of County Commissioners June 29, 1999 and a letter of agreement from the City of Temple Terrace dated June 28, 1999.

Any questions regarding this information, please call me at 941/795-3473.

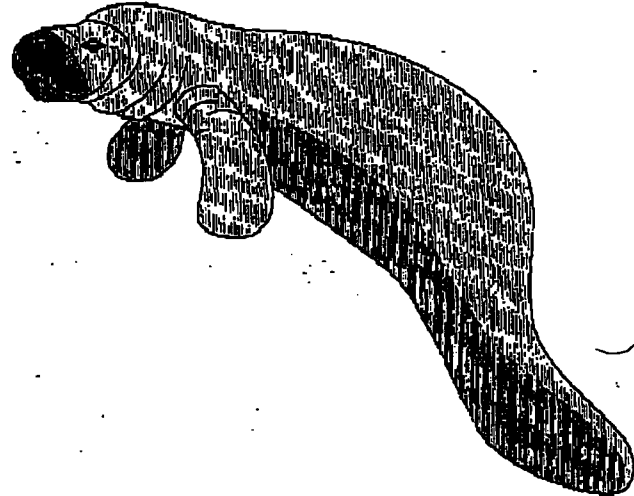
TOTAL NUMBER OF PAGES INCLUDING COVER MEMO: 1

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL AS SOON AS POSSIBLE.

4410 66th Street West
Bradenton, Florida 34210
(P.O. Box 25010)
(Bradenton, Florida 34206)
941/795-3428

FYE

JM ✓ 8/5 (SEEK AGENT THE 001)
AA AD 7/27 - ok for initial cover only
KF ✓ 8/6
RB -
LAST - BY 7-30-99



BCC
6/29

MANATEE COUNTY GOVERNMENT

AGENDA MEMORANDUM

SUBJECT City of Temple Terrace Waiver of Tipping Fees		TYPE AGENDA ITEM Consent	
DATE REQUESTED June 29, 1999		DATE SUBMITTED/REVISED June 16, 1999	
BRIEFINGS?/WHO? None		CONSEQUENCES IF DEFERRED Possible loss of opportunity to receive material	
DEPARTMENT/DIVISION Public Works/Solid Waste Section		AUTHORIZED BY TITLE Len Bramble, P.E., Director <i>[Signature]</i>	
CONTACT PERSON Gus A. DiFonzo, Elaine Apostol TELEPHONE/EXTENSION X5473/5233		PRESENTER/TITLE Gus A. DiFonzo, Solid Waste Manager TELEPHONE/EXTENSION Extension 5473	

ADMINISTRATIVE APPROVAL**ACTION DESIRED**

INDICATE WHETHER "REPORT or "DISCUSSION, "FORM OF MOTION, or "OTHER ACTION REQUIRED:

Authorization to waive tipping fees at the Solid Waste Management Facility for soil generated by the City of Temple Terrace for use as daily cover material at the Landfill.

ENABLING/REGULATING AUTHORITY

Federal/State law(s), administrative ruling(s), Manatee County Comp. Plan/Land Development Code, ordinances, resolutions, policy.)

Goal 9.3. Solid Waste Sub-Element of the Comprehensive Plan

BACKGROUND/DISCUSSION

See Page Two

CC DiNORAH
TER
6-30-99

HAS COUNTY ATTORNEY REVIEW BEEN REQUESTED? Indicate "NO" or "YES" @ right. (If "NO," proceed to 1) below; and if "YES," proceed to 2) below) No

1) IF "NO" TO ABOVE,

A) PLEASE EXPLAIN BELOW: (see also following section 1B) re: contract, agreement, lease, etc.:

There is no legal significance or document to review.

B) IF A CONTRACT, AGREEMENT, LEASE OR OTHER DOCUMENT WAS PREVIOUSLY APPROVED, STATE YEAR OF LAST USE @ RIGHT: N/A

2) IF "YES" TO FIRST QUESTION IN THIS SECTION,

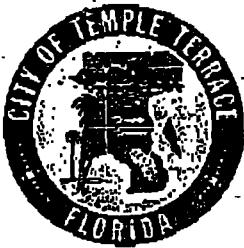
A) HAS ENTIRE MATTER, OR ONLY A PORTION, BEEN REVIEWED? IF ONLY A PORTION, WHICH PORTION?

B) HAVE ALL COMMENTS/SUGGESTIONS RAISED BY COUNTY ATTORNEY BEEN ADDRESSED/INCORPORATED, IF NOT, PLEASE EXPLAIN. A COPY OF FINAL COUNTY ATTORNEY MEMO RE THIS MATTER MUST BE ATTACHED (if comments were verbal, so indicate.)

ATTACHMENTS: (List in order as attached)		INSTRUCTIONS TO BOARD RECORDS:	
1. Letter of Request from the City of Temple Terrace		None	
COST \$3,900 (Avoidance of Cost per Annum)	SOURCE (ACCT# & NAME)	480-0010900-534000-00000 Solid Waste/Landfill Operations	
COMMENTS None	AMT./FREQ. OF RECURRING COSTS (ATTACH FISCAL IMPACT STATEMENT)	None	

AGENDA MEMORANDUM (cont'd)**Page 2****BACKGROUND/DISCUSSION (Continued)**

- The Public Works Department received a written request from the City of Temple Terrace Public Works Department for a blanket waiver of tipping fees related to hauling of clean street sweeping material.
- The City of Temple Terrace proposes hauling an initial estimated amount of 200 cubic yards and expects to additionally accumulate approximately 100 cubic yards per month.
- The material will be utilized at the Solid Waste Management Facility for daily cover material.
- The Solid Waste Management Facility's utilization of this cover material will result in an approximate savings to the County of \$3,900 per annum.
- The Public Works Solid Waste staff received a copy of the results of a laboratory analysis of the material to ensure it is within allowable limits set by the Florida Department of Environmental Protection.
- The waiver is requested for tipping fees only. The City of Temple Terrace is the wastehauler.



CITY of TEMPLE TERRACE

11250 NORTH 56TH STREET
P. O. BOX 16990
TEMPLE TERRACE, FLORIDA 33687
PHONE 813/989-7100
SUNCOM #987-7100
FAX #989-7185

May 10, 1999

Gus A. DiFonzo, Manager
Manatee County Public Works, Solid Waste
4410 66th Street West
Bradenton, FL 34206

RE: Street Sweepings

Dear Mr. DiFonzo:

It is understood that Manatee County Solid Waste is amenable to accepting materials that meet the requirements of and are suitable for daily cover from municipal entities. It is also understood that tipping fees are waived under certain circumstances.

In that regard, the City of Temple Terrace requests your approval for acceptance of non-hazardous street sweepings that have been accumulated by the City of Temple Terrace Public Works Department.

The City currently has on hand an estimated 200 cubic yards of non-hazardous street sweepings and expects to additionally accumulate approximately 100 cubic yards per month. The material can be power-screened to remove miscellaneous debris to 1". A copy of a typical analysis is enclosed.

Thank you for your attention in this matter.

Sincerely,

Ralph Tack
Public Works Department Superintendent

RT/cl



PHOSLAB

Phone 941-682-5897

806 W. Beacon Road • Lakeland, Florida 33803

Fax 941-683-3279

Client: City of Temple Terrace

ANA: Mr. Ralph Tack
 P.O. #:
 Project: Street Sweepings
 Reference: Temple Terrace

Sampled By: Anthony M. Melina
 Sample Date: 11-04-97
 Date Received: 11-04-97
 Analysis Date: 11-05/05-97
 Analyzed By: GJF/MMC

CERTIFICATE OF ANALYSIS

PREBURN ANALYSIS (UST)

Sample ID: SS-1

VOLATILE ORGANICS (8260/829)

	Conc. ug/kg
MTBE	<2.0
Benzene	<2.0
Toluene	<2.0
Ethylbenzene	<2.0
Chlorobenzene	<2.0
Xylenes	<2.0
Total VOA	<2.0

TOTAL METALS

	Conc. mg/kg
Arsenic (3050/7000)	0.32
Barium (3050/7080)	74.70
Cadmium (3050/7131)	0.12
Chromium (3050/7191)	2.23
Lead (3050/7421)	8.23
Mercury (3050/7471)	<0.01
Selenium (3050/7740)	<0.10
Silver (3050/7790)	0.02

TOTAL RECOVERABLE HYDROCARBONS (9073)

	Conc. mg/kg
TRPHs	456

TOTAL ORGANIC HALIDES (8253)

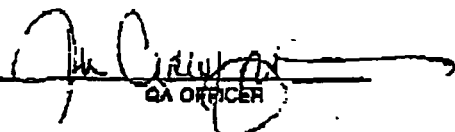
	Conc. mg/kg (as Cl)
TOH	60

POLY CHLORINATED BIPHENYLS (8010)

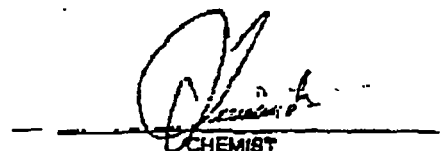
	Conc. mg/kg
PCBs	<0.02

PURGEABLE HALOCARBONS (5030/8010)

	Conc. ug/kg
Bromodichloromethane	<2.0
Bromotrifluoromethane	<2.0
Bromomethane	<2.0
Carbon Tetrachloride	<2.0
Chlorobenzene	<2.0
Chloroethane	<2.0
2-Chloroethylvinyl ether	<2.0
Chloroform	<2.0
Chloromethane	<2.0
Dibromochloromethane	<2.0
1,2-Dichlorobenzene	<2.0
1,3-Dichlorobenzene	<2.0
1,4-Dichlorobenzene	<2.0
Dichlorodifluoromethane	<2.0
1,1-Dichloroethane	<2.0
1,2-Dichloroethane	<2.0
1,1-Dichloroethene	<2.0
trans-1,2-Dichloroethene	<2.0
1,2-Dichloropropane	<2.0
cis-1,3-Dichloropropene	<2.0
trans-1,3-Dichloropropene	<2.0
Methylene Chloride	<2.0
1,1,2,2-Tetrachloroethane	<2.0
Tetrachloroethane	<2.0
1,1,1-Trichloroethane	<2.0
1,1,2-Trichloroethane	<2.0
Trichloroethene	<2.0
Trichlorofluoromethane	<2.0
Vinyl Chloride	<2.0


 QA OFFICER

PDR QALC #870306


 CHEMIST



MANATEE COUNTY GOVERNMENT

Public Works Department

June 15, 1999

Ralph Tack, Public Works Department Superintendent
City of Temple Terrace
Post Office Box 16930
Temple Terrace, Florida 33687

Re: Street Sweepings

Dear Mr. Tack:

As previously discussed by telephone, an Agenda package regarding acceptance of street sweepings has been prepared for presentation to the Board of County Commissioners on June 29, 1999. Prior to that date, we require written confirmation of your agreement with Manatee County's requirements outlined within this letter.

Please be advised that acceptance of this material would be contingent upon the Florida Department of Environmental Protection's continuance of their policy as set forth in the attached memorandum dated April 28, 1998. Additionally, as noted in your letter of May 10, 1999, the material must be power-screened to 1" to remove miscellaneous debris thereby rendering the material suitable for acceptance as cover material for the Manatee County Landfill. Manatee County reserves the right to refuse acceptance of the material at the Landfill Facility if it is not properly screened.

If you have any questions or require further information at this time, please contact this office at 941/795-3473.

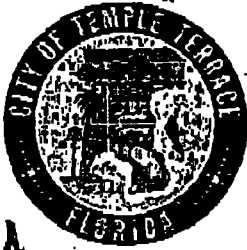
Sincerely,

Gus DiFonzo
Solid Waste Manager

GAD:gbp

Enclosure - 1.

cc: Len Bramble, P.E., Public Works Director
Daniel T. Gray, Utilities Operations Manager
David Brangaccio, Fiscal Services Manager
C. Michael Gore, Landfill Superintendent

**CITY of TEMPLE TERRACE**

11250 NORTH 56TH STREET
P. O. BOX 18930
TEMPLE TERRACE, FLORIDA 33687
PHONE 813/989-7100
SUNCOM #987-7100
FAX #989-7105

7/2/99
GIVEN
FILES
(Hew)

June 28, 1999

Gus DiFonzo, Solid Waste Manager
Manatee County Public Works Department
4410 66th Street West
Bradenton, FL 34210

RE: Street Sweepings

Dear Mr. DiFonzo:

The City of Temple Terrace will adhere to Manatee County/Florida Department of Environmental Protection's guidelines for the proper disposal of street sweeping materials as outline in the County's letter dated June 15, 1999, and the Department of Environmental Protection's letter dated April 28, 1998.

Please contact me at (813) 989-7073 if additional information is needed.

Sincerely,

Ralph L. Tack
Public Works Superintendent

RLT/cl

RECEIVED
JUL 01 1999
SOLID WASTE

ST. OF FLORIDA
CENTAL PROTECTION

ROBERT BUTERA
SOUTHWEST DISTRICT

TING SLIP

DATE: 7/29

CC To

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

☐ Reply Optional
Date Due _____

☐ Reply Required
Date Due: _____

☐ Info Only

Comments:

D.E.P.
AUG 02 1999
Southwest District Tampa

Jon Rae Clark

From:

Tel:

550/488-0300



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

July 29, 1999

Mr. Melton McKown
Florida Department of Revenue
Tax Policy and Dispute Resolution
Post Office Box 7443
Tallahassee, Florida 32314-7443

Dear Mr. McKown:

Enclosed is a copy of the Application for Final Examination and Certification of resource recovery equipment at the Manatee County Facility. We are reviewing the application for compliance with Section 62-704.400 and .410, Florida Administrative Code. Our Final Examination Report will be forwarded to you when complete.

Sincerely,

Jan Rae Clark
Environmental Manager
Solid Waste Section

JRC/jrc

Enclosure

cc: Robert Butera ✓
File

D.E.P.
AUG 02 1999
Southwest District Tampa



Jeb Bush
Governor

Department of Environmental Protection

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

July 29, 1999

David B. Struhs
Secretary

Mr. Michael Calhoon
Kenetech Resource Recovery, Inc.
6728 33rd. Street East
Sarasota, Fl 34243

Dear Mr. Calhoon:

On June 29, 1999, we received your Application for Final Examination and Certification of resource recovery equipment at the Manatee County Facility. We are proceeding to determine completeness of the application. Upon our determination of completeness, we will begin examination of the application.

Sincerely,

Jan Rae Clark
Environmental Manager
Solid Waste Section

JRC/jrc

cc: Robert Butera ✓
Melton McKown
File

MANATEE
RECEIVED

Application for
~~Preliminary Examination~~ JUN 29 1999
☒ Final Examination and Certification Solid Waste Section
of Resource Recovery and Recycling Equipment (B)

An application for preliminary examination of proposed Resource Recovery equipment is required for issuance of preliminary examination report pursuant to Rule 17-704.400, Florida Administrative Code (F.A.C.). An application for final examination and certification is required for final examination and certification of Resource Recovery equipment, pursuant to Rule 17-704.410, F.A.C. An applicant may not apply for final examination and certification of Resource Recovery equipment before that equipment is installed.

1. Identity of Applicant

Applicant's Name: KENETECH RESOURCE RECOVERY INC
Mailing Address: 6728 33rd STREET EAST SARASOTA, FLORIDA 34243
Phone Number: (941) 756-0977

2. a. Name of the facility or project: KENETECH RESOURCE RECOVERY INC. RECYCLE CENTER
b. Construction permit number for the facility: - NOT UNDER CONSTRUCTION -
c. Street address of the facility (Main Entrance): SAME AS ABOVE
d. Estimate the date when the facility or project will be ready for operation: ONGOING SINCE 1992

3. Name of the unit of local government that will eventually own or benefit from the resource recovery equipment:

MANATEE COUNTY, FL

Attach proof of contractual agreement between the purchaser of the equipment and the unit of local government which is to benefit from or own the resource recovery equipment.

4. Describe the resource recovery process (include technology used and materials or energy recovered): Attach descriptions (including blueprints, drawings, engineering plans, etc.) that will indicate where and how the equipment is integrated into the resource recovery process. (attach additional sheets, if necessary)

SEE ATTACHMENT

5. Attach a numbered listing of equipment which the applicant declares is qualified resource recovery equipment subject to the exemption provisions of Rule 17-704.400, 17-704.410, 17-704.420, and 12A-1.001(27), F.A.C., using the format on page 3.

- a. Use the "Item No." column to sequentially number equipment on the list.
b. Use the "Item Description" column to provide the name and a brief description of the equipment.
c. Use the "Number of Pieces" column to indicate how many of this particular piece of equipment are being certified.
d. Use the "Process Description" column to indicate the page number of the process description text where the equipment and its function is described.

If drawings are submitted as supporting documentation:

- e. Use the "Drawing Number" column to indicate the drawing number on which the equipment is shown.
f. Use the "Drawing Item No." column to indicate what number on the drawing represents this piece of equipment.
g. Use the "Equipment Cost" column to indicate the cost of the equipment.

DER Form	17-704.300(1)
Ad. of Prem. Equip. / Wast. Equip. & Cont.	
From Reg. of Resource Recovery & Recycling Equipm.	
Effective Date	August 14, 1990
DER Application No.	

6. Certification A shall be completed if the applicant wishes to certify only equipment appearing on the list in Rule 17-704.600, F.A.C.

Certification B shall be completed if the applicant wishes to certify equipment not appearing on the list in Rule 17-704.600, F.A.C. or equipment appearing on the list in Rule 17-704.600, F.A.C. together with auxiliary equipment.

Certification A

I hereby certify that the equipment contained herein is Resource Recovery Equipment as defined in Rule 17-704.200(12), F.A.C. I further certify that all of the equipment meets the criteria set forth in Rule 17-704.420, F.A.C., and all of the equipment appears on the list in Rule 17-704.600, F.A.C.

M.R. Calhoun
Michael R Calhoun
 Signature of Purchaser

MICHAEL R CALHOON
 Name and Title
 Date: 4-20-97 7.27.97

Certification B

I hereby certify that the equipment contained herein is Resource Recovery Equipment as defined in Rule 17-704.200(12), F.A.C. I further certify that the equipment, including all auxiliary equipment associated with that equipment, meets the criteria set forth in Rule 17-704.420, F.A.C.

Affix Seal Here

 Signature of Professional Engineer

 Name and Title
 Florida Registration No. _____
 Date _____

7. The undersigned applicant is aware that statements made in this form and attached exhibits constitute an application for certification of Resource Recovery equipment from the Florida Department of Environmental Regulation. The applicant certifies that the information in this application is true, correct, and complete to the best of his knowledge and belief.

M.R. Calhoun
Michael R Calhoun
 Signature of Applicant

MICHAEL R CALHOON
 Name and Title
 Date 4-20-97 7.27.97

An applicant shall submit four (4) copies of the application to:

Environmental Administrator
 Solid Waste Section
 Department of Environmental Regulation
 Twin Towers Office Building
 2500 Blair Stone Road
 Tallahassee, Florida 32399-2400
 904/922-6104

ALL REQUIRED BACKUP
 SUBMITTED WITH PRELIM
 EXAMINATION APPLICATION

Listing of Major Equipment for KENETECH RESOURCE RECOVERY, INC. (Facility Name)

Item No.	Item Description	Number of Pieces	Process Description, page reference	Drawing No.	Drawing Item No.	Equipment Cost
10.77	627 GDS TROMMEL SCREEN SN# 1GPUP4+24TR1P6004	1	ADDENDUM #2	N/A	N/A	115,000

Lena Rd permit file
manatee CC

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date: 7/27/99

Number of pages including cover sheet: 1

To:

Gus DiFonzo
Manatee County

Phone:

Fax phone: 941/795-3490

CC:

From:

Allison Amram
Solid Waste Section

Phone:

(813) 744-6100 x 374

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☐ For your review

☐ Reply ASAP

☐ Please comment

Gus -

Thanks for submitting the monitoring data for Lena & Eric Rd
landfills. I need the following information:

1) Field parameters (pH, cond, D.O., Colors) for leachate sampled 12/2/98

Missing the following parameters from the Appendix II list:

chloroprene, 4,6-dinitro-o-cresol, ethyl methacrylate, isobutyl alcohol,
kepone, methacrylonitrile, methyl methacrylate, N-nitrosodiethylamine,
propionitrile. Please ask the lab to send me these results.

2) Missing leachate from July-Dec 1997, Jan-July 1998 - Please send.

3) Missing certification page for Dec 1998 sampling; also gw map

4) All results missing QA samples - duplicates, field blank, trip blank

5) Results for Jan-June 1999 samples were due 7/15/99; not yet rec'd.

Please look for this data + call me - Thanks! Allison

BEST AVAILABLE COPY

WASTE MGT TAMPA SWD

3x:8137446125

** Transmit Conf. Report **

P.1

Jul 27 1999 16:01

Telephone Number	Mode	Start	Time	Pages	Result	Note
819417953490	NORMAL	27,16:00	0'40"	1	* O K	

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date:

7/27/99

Number of pages including cover sheet:

1

To:

Gus DiFonzo

Manatee County

Phone:

Fax phone:

941/795-3490

CC:

From:

Allison Amram

Solid Waste Section

Phone:

(813) 744-6100 x 374

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent☐ For your review☐ Reply ASAP☐ Please comment

Gus -

Thanks for submitting the monitoring data for Lena + Eric Rd
landfills. I need the following information:

1) Field parameters (pH, cond, DO, Temp) for leachate sampled 12/2/98

Missing the following parameters from the Appendix II list:

chloroprene, 4,6-dinitro-o-cresol, ethyl methacrylate, isobutyl alcohol,
ketone, methacrylonitrile, methyl methacrylate, N-nitrosodiethylamine,

BEST AVAILABLE COPY

WASTE MGT TAMPA SWD Fax: 8137446125

** Transmit Conf. Report **

P.1

Jul 30 1999 13:53

Telephone Number	Mode	Start	Time	Pages	Result	Note
819417953490	NORMAL	30,13:49	3'52"	6	* O K	

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date:

7/30/99

Number of pages including cover sheet:

6

To:

GUS DIFONZO

MANATEE CO

Phone:

Fax phone:

941 7953490

CC:

From:

Lina Rios

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:

☒ Urgent☒ For your review☒ Reply ASAP☐ Please comment

Lina Rios

NEED JUNE AND JULY 1999 (EACH) REPORTS
NEED REVISIONS TO SUMMARY, JANUARY 1999
NEED HARD COPIES MAILED FOR AUL 1998
NEED JUNE AND JULY 1999 GRADIENT REPORTS
EXPLANATION AND CORRECTIVE ACTION

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coco. Palm Drive
Tampa, FL 33619-8318

FAX

Date:

7/30/99

Number of pages including cover sheet:

10

To:

GUS DIFANZO

WATKINS CO

Phone:

Fax phone:

941 7953490

CC:

From:

Tom Reed

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:



Urgent



For your review



Reply ASAP



Please comment

LONG RD. CE

NEED JUNE AND JULY 1999 GRADIENT REPORTS
NEED REVISIONS TO SUMMARY, JAN-MAY 1999
NEED HARD COPIES MAILED FOR AUG 1998
NEED JUNE AND JULY 1999 GRADIENT REPORTS
EXPLANATION AND CORRECTIVE ACTION
FOR EACH OUTWARD GRADIENT LOCATIONS
NEED TO INVESTIGATE SW CORNER OF STAGE III
* (1) LOCATION OF SURVEY WALL
* (2) GRADIENT ELEVATION IN MH
ALL REQUESTED BY AUGUST 15th. TMR

EXHIBIT B
MANATEE COUNTY SOLID WASTE MANAGEMENT FACILITY
LENA ROAD LANDFILL
MONTHLY LEACHATE TRACKING SUMMARY -- 1999

	A	B	C	D	E	F	G	H	I
MONTH	LEACHATE STAGE I	LEACHATE STAGE III	LEACHATE TOTAL	RAINFALL INCHES	RAINFALL INTO POND	AVAILABLE STORAGE	LEACHATE TREATED	LEACHATE EVAPORATED	LEACHATE RECIRCULATED
JANUARY	1,447,350	2,073,300	3,520,650	3.98	442,372	(511,747)	6,659,000	290,841	(3,498,566)
FEBRUARY	721,877	1,479,700	2,201,577	0.77	94,095	204,822	5,683,000	371,861	(3,964,011)
MARCH	630,378	814,800	1,445,178	0.20	24,440	(409,809)	934,000	541,172	(415,363)
APRIL	1,318,900	690,100	2,009,000	0.98	119,758	204,987	1,614,000	657,509	62,236
MAY	867,050	248,030	1,115,080	2.32	230,962	(102,473)	782,000	775,922	(109,407)
JUNE									
JULY									
AUGUST									
SEPTEMBER									
OCTOBER									
NOVEMBER									
DECEMBER									
TOTAL	4,985,555	5,305,930	10,291,485	8.25	911,627	(409,274)	15,672,000	2,637,305	(7,925,111)

Notes:

1. (A) Total leachate generated from Stage I.
2. (B) Total leachate generated from Stage III.
3. (C) Total leachate generated from Stage I and Stage III.
4. (D) Total rainfall in inches.
5. (E) Total rainfall is rain entering leachate pond. The pond's surface area is assumed to be 4.5 acres.
6. (F) Available storage is the volume increase or decrease in the leachate pond.
7. (G) Leachate treated is the total amount of leachate pumped to the WWTP for treatment.
8. (H) Leachate evaporated is the amount of leachate evaporated from the leachate pond. Pan evaporation numbers used are given by SWFWMD.
8. (I) The volume recirculated $I = C + E - (F) - G - H$
9. The * denotes a decrease in available storage (increased pond elevation), therefore D is subtracted in the above equation
10. If column I is greater than zero, leachate is flowing from the leachate pond to Stage I.
If it is less than zero, leachate is flowing from Stage I to the leachate pond.

D.E.P.
JUL 21 1999
Southwest District Tampa

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
JUL 21 1999
SOUTHWEST DISTRICT
TAMPA

EXHIBIT A

MANATEE COUNTY, LENA ROAD LANDFILL

MONTHLY WATER BALANCE REPORT FOR MAY, 1999

A	B	C	D	E	F	G	H	I	J	K	L
DATE	LEACHATE STAGE I	LEACHATE STAGE III	TOTAL LEACHATE	RAINFALL INCHES	RAINFALL GALLONS	LEACHATE POND LEVEL	AVAILABLE STORAGE	LEACHATE PUMP TO WWTP	EVAPORATION FROM POND	LEACHATE BALANCE	STORMWATER POND LEVEL
30-Apr-99						28.0	1,026,580				30.0
01-May-99	0	0	0	0.00	0	30.0	(1,030,695)	0			28.1
02-May-99	0	0	0	0.00	0	28.1	924,107	0			30.0
03-May-99	0	0	0	0.00	0	27.2	1,844,882	0			30.0
04-May-99	0	0	0	0.00	0	27.2	1,844,882	0			30.0
05-May-99	0	0	0	0.00	0	27.2	1,844,882	0			30.0
06-May-99	0	0	0	0.00	0	27.2	1,844,882	0			30.0
07-May-99	0	0	0	0.03	3,666	27.2	1,844,882	0			30.0
08-May-99	0	0	0	0.00	0	27.2	1,844,882	0			30.0
09-May-99	0	0	0	0.10	12,220	27.2	1,844,882	0			30.0
10-May-99	0	0	0	0.00	0	28.0	1,026,580	225,000			29.6
11-May-99	0	0	0	0.00	0	27.6	1,436,060	371,000			29.8
12-May-99	0	0	0	0.00	0	27.6	1,436,060	186,000			29.8
13-May-99	0	0	0	0.00	0	27.6	1,436,060	0			29.8
14-May-99	354,857	0	354,857	0.33	40,327	27.6	1,436,060	0			29.8
15-May-99	0	0	0	0.33	40,327	27.6	1,436,060	0			29.7
16-May-99	0	0	0	0.00	0	27.6	1,436,060	0			29.7
17-May-99	0	0	0	0.00	0	27.6	1,436,060	0			29.7
18-May-99	0	0	0	0.00	0	27.6	1,436,060	0			29.7
19-May-99	0	0	0	0.49	59,879	27.6	1,436,060	0			29.7
20-May-99	0	0	0	0.27	32,995	27.6	1,436,060	0			29.7
21-May-99	0	0	0	0.43	0	27.6	1,436,060	0			29.7
22-May-99	0	0	0	0.00	0	27.6	1,436,060	0			29.7
23-May-99	0	0	0	0.00	0	27.6	1,436,060	0			29.6
24-May-99	330,723	204,930	535,653	0.01	1,222	27.6	1,436,060	0			29.6
25-May-99	0	0	0	0.00	0	27.6	1,436,060	0			30.0
26-May-99	96,900	23,900	120,800	0.00	0	27.6	1,436,060	0			30.0
27-May-99	11,300	2,700	14,000	0.00	0	28.0	1,026,580	0			30.5
28-May-99	73,270	16,500	89,770	0.09	10,998	28.0	1,026,580	0			30.5
29-May-99	0	0	0	0.00	0	28.0	1,026,580	0			30.5
30-May-99	0	0	0	0.24	29,329	28.0	1,026,580	0			30.4
31-May-99	0	0	0	0.00	0	28.1	924,107	0			30.2
TOTAL	867,050	248,030	1,115,080	2.32	230,962		(102,473)	782,000	775,922	(109,408)	

Net Difference in Storage

(102,473)

Total Leachate Balance

(109,408)

Notes:

- Column D: Total leachate is the sum of column B and C. All leachate from Stage I and Stage III is pumped into the leachate pond.
- Column F: Rainfall in gallons is volume of rainfall entering the leachate pond. The ponds surface area is assumed at 4.5 acres.
- Column H: Available storage in leachate pond is 0 at elevation 29.0 (negative number denotes storage above 2,049,046 gallons).
- Column I: Leachate to WWTP is total volume pumped to plant for treatment.
- Column J: Evaporation is volume of leachate evaporated from leachate pond. Pan evaporation average data given by SWFWMD.
- Column K: Leachate balance is column D + F (+/-) H - I - J. This column represents the volume of leachate recirculated.

- * If the final leachate pond elevation for the previous month is greater than the final elevation for the current month, the net effect on the pond is an increase in the available storage. An increase in available storage means the volume is added to the leachate balance.
- * A decrease in available storage is subtracted from the leachate balance, prior months elevation is lower than current months elevation.
- * If column K is less than zero, leachate is flowing from Stage I to the leachate pond
- * If column K is greater than zero, leachate is flowing from the leachate pond to Stage I.

K: Last day higher use +, lower use -

EXHIBIT A

MANATEE COUNTY, LENA ROAD LANDFILL

MONTHLY WATER BALANCE REPORT FOR JANUARY, 1999

A	B	C	D	E	F	G	H	I	J	K	L
DATE	LEACHATE STAGE I	LEACHATE STAGE III	TOTAL LEACHATE	RAINFALL INCHES	RAINFALL GALLONS	LEACHATE POND LEVEL	AVAILABLE STORAGE	LEACHATE PUMP TO WWTP	EVAPORATION FROM POND	LEACHATE BALANCE	STORMWATER POND LEVEL
31-Dec-98						27.5	1,538,327				30.0
01-Jan-99	0	0	0	0.0	0	27.5	1,538,327	0			30.0
02-Jan-99	0	0	0	1.0	122,202	27.5	1,538,327	0			30.3
03-Jan-99	0	0	0	0.2	19,552	27.5	1,538,327	0			30.3
04-Jan-99	0	0	0	0.0	0	27.5	1,538,327	0			30.3
05-Jan-99	0	0	0	0.0	0	27.7	1,333,752	0			30.3
06-Jan-99	0	0	0	0.0	0	27.7	1,333,752	0			30.3
07-Jan-99	0	0	0	0.0	0	27.7	1,333,752	0			30.3
08-Jan-99	0	0	0	0.0	0	27.9	1,129,012	0			33.0
09-Jan-99	0	0	0	0.3	30,551	27.6	1,436,060	0			33.0
10-Jan-99	0	0	0	0.1	6,110	27.5	1,538,327	0			32.0
11-Jan-99	0	0	0	0.0	0	27.5	1,538,327	0			32.0
12-Jan-99	0	0	0	0.0	0	27.5	1,538,327	0			32.0
13-Jan-99	0	0	0	0.0	0	27.5	1,538,327	0			32.0
14-Jan-99	0	0	0	0.0	0	27.5	1,538,327	0			32.0
15-Jan-99	0	0	0	0.0	0	27.5	1,538,327	0			32.0
16-Jan-99	0	0	0	0.0	0	28.1	924,107	0			30.4
17-Jan-99	0	0	0	0.0	0	28.1	924,107	0			30.4
18-Jan-99	0	0	0	0.0	0	28.0	1,026,580	0			30.0
19-Jan-99	0	0	0	0.0	0	28.6	411,126	0			30.6
20-Jan-99	0	0	0	0.0	0	28.4	616,442	0			30.6
21-Jan-99	0	0	0	0.3	0	28.4	616,442	0			30.6
22-Jan-99	1,212,250	1,601,300	2,813,550	0.0	0	27.0	2,049,046	0			30.0
23-Jan-99	0	0	0	2.0	246,848	27.0	2,049,046	0			30.0
24-Jan-99	0	0	0	0.1	17,108	27.1	1,946,984	0			30.0
25-Jan-99	104,700	48,979,926	48,875,226	0.0	0	28.4	616,442	0			30.5
26-Jan-99	0	0	0	0.0	0	28.4	616,442	0			30.5
27-Jan-99	0	0	0	0.0	0	28.5	513,804	0			30.3
28-Jan-99	0	0	0	0.0	0	28.6	411,126	0			30.1
29-Jan-99	130,400	472,000	602,400	0.0	0	28.6	411,126	0			30.1
30-Jan-99	0	0	0	0.0	0	28.0	1,026,580	0			30.0
31-Jan-99	0	0	0	0.0	0	28.0	1,026,580	6659000			30.2
TOTAL	1,447,350	46,906,626	48,353,976	3.98	442,372		(511,747)	6,639,000	290,841	(52,478,492)	

Net Difference in Storage

(511,747)

Total Leachate Balance

(52,478,492)

Notes:

Column D: Total leachate is the sum of column B and C. All leachate from Stage I and Stage III is pumped into the leachate pond.
 Column F: Rainfall in gallons is volume of rainfall entering the leachate pond. The ponds surface area is assumed at 4.5 acres.
 Column H: Available storage in leachate pond is 0 at elevation 29.0 (negative number denotes storage above 2,049,046 gallons).
 Column I: Leachate to WWTP is total volume pumped to plant for treatment.
 Column J: Evaporation is volume of leachate evaporated from leachate pond. Pan evaporation average data given by SWFWMD.
 Column K: Leachate balance is column D + F (+) H - I - J. This column represents the volume of leachate recirculated.

If the final leachate pond elevation for the previous month is greater than the final elevation for the current month, the net effect on the pond is an increase in the available storage. An increase in available storage means the volume is added to the leachate balance.
 A decrease in available storage is subtracted from the leachate balance, prior month's elevation is lower than current month's elevation.

If column K is less than zero, leachate is flowing from Stage I to the leachate pond
 If column K is greater than zero, leachate is flowing from the leachate pond to Stage I.

JUL 21 1999
 SOILWATER DISTRICT
 TAMPA
 ENVIRONMENTAL
 ENGINEERING
 & CONSULTING
 INC.

K Last G higher, use +; lower, use - (H & K are -s)

Exhibit C
Manatee County, Lena Road Landfill
Groundwater Gradient
May, 1999

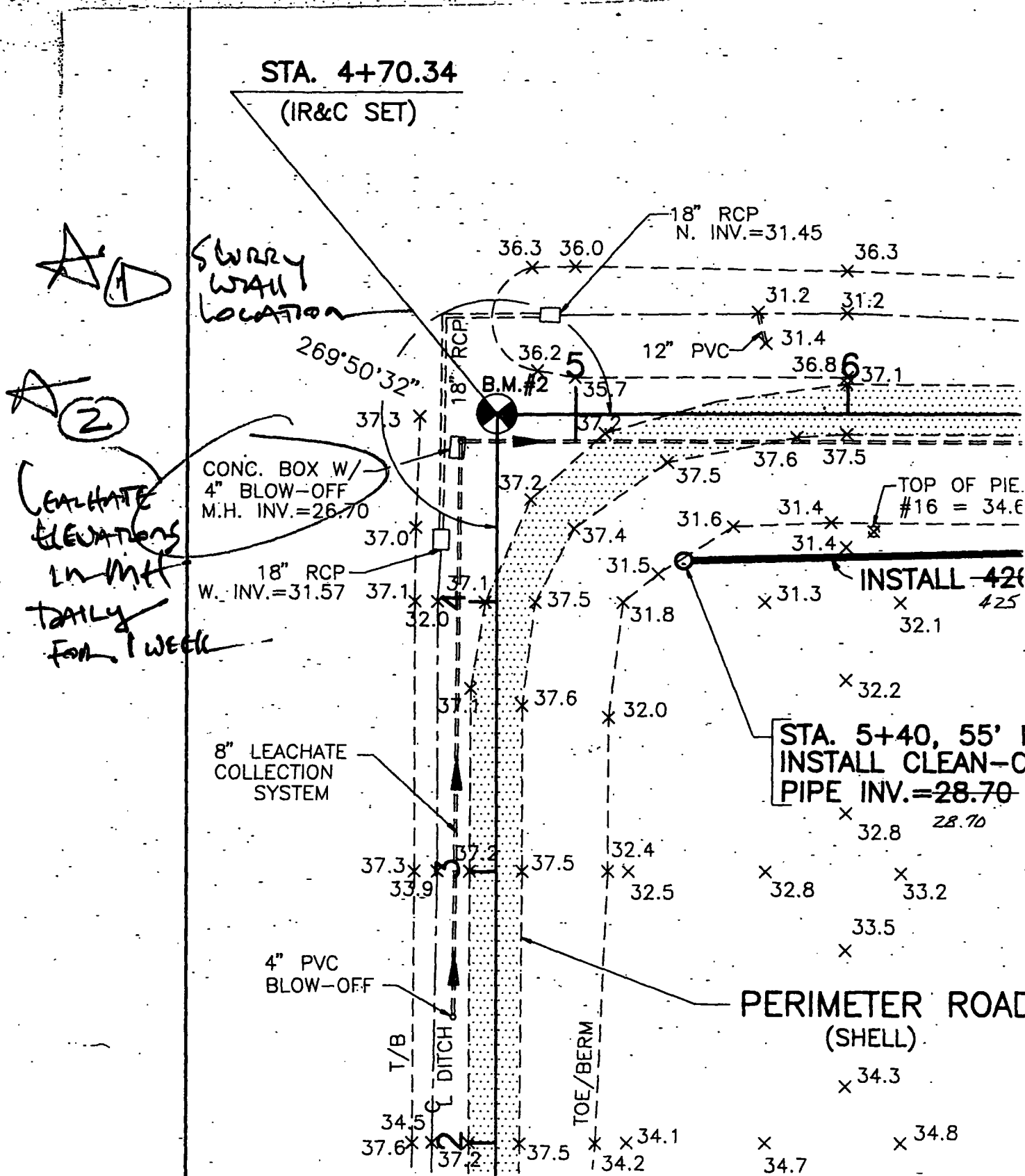
Piezometer	Riser Elevation	Groundwater Elevation	Monitoring Well	Riser Elevation	Groundwater Elevation
STAGE I					
PZ-1	42.53	29.03	MW-5	39.96	28.55
PZ-2	42.53	29.99	MW-2	37.87	26.03
PZ-3	44.93	28.08	MW-1	38.71	31.21
PZ-4A	47.73	29.84	CW-4	37.54	30.42
PZ-5	43.96	30.26	CW-5A	41.23	33.42
PZ-6	45.04	31.46	SG-1		N/A
PZ-7	47.97	29.84	MW-6	39.29	31.64
PZ-19	45.86	28.62	PZ-11	37.94	29.19
STAGE II					
PZ-8	37.63	29.56	LRII-5	36.74	27.69
PZ-9	36.56	29.36	LRII-4	33.86	24.76
PZ-10	37.05	28.95	LRII-2	36.53	26.97
PZ-11	37.94	29.19	LRII-1	37.97	29.41
STAGE III					
PZ-12	38.39	28.23	GC-2	38.19	28.90
PZ-13	35.09	26.70	GC-3	35.02	26.30
PZ-14	33.47	25.76	GC-4	33.91	24.31
PZ-15B	37.37	26.02	PZ-15A	39.77	23.61
PZ-16	34.63	27.39	PZ-16A	39.07	23.81
PZ-17	40.82	28.59	SG-2		N/A
PZ-18	40.15	30.40	SG-3		N/A

*N/A: Not Available

Notes:

The table is arranged so any piezometer can be compared to its corresponding monitoring point. For example, PZ-1 is located on the opposite side of the slurry wall from MW-5. Thus data from PZ-1 are compared to data from MW-5.

Depth to groundwater data were collected on May 27, 1999



PLAN/PROFILE ~ BOOK NOS. 93-80

Surveved

By

Checked

Date

T.CUL BREATH

2/94

Designed

R.7

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
PERMITTING APPLICATION PROJECT EVENT SUMMARY REPORT

29-JUL-99

Site Name: MANATEE CO. LENA ROAD CLASS I LF (LF1)

County: MANATEE

----- PROJECT -----

Permit Office: SWD (DISTRICT)	CRA Reference #: 15773
Project #: 15773	Agency Action: Issued
Project name: MANATEE CO. LENA RD LANDFILL	Desc: OPERATION
Type/Sub/Req: SO/01 / New Permit Application	
Received: 31-DEC-1997	Issued: 29-JUL-1999 Expires: 29-JUL-2004
Fee: \$10000.00	Realized: \$10000.00 Dele: Override: NONE

----- PROJECT EVENTS -----

Event	Begin Date	Prd Due Date	Rmn Status	End Date
Receive Request	31-DEC-1997	1 01-JAN-1998	000 Done	31-DEC-1997
Fee Verification	31-DEC-1997	2 02-JAN-1998	000 Sufficient Fee	08-JAN-1998
Completeness Review	31-DEC-1997	30 30-JAN-1998	000 Incomplete	28-JAN-1998
Awaiting Additional Information	28-JAN-1998	45 14-MAR-1998	000 Received	27-APR-1998
Completeness Review	27-APR-1998	30 27-MAY-1998	000 Incomplete	26-MAY-1998
Awaiting Additional Information	26-MAY-1998	45 10-JUL-1998	000 Received	03-AUG-1998
Completeness Review	03-AUG-1998	30 02-SEP-1998	000 Complete	03-AUG-1998
Determine Agency Action	03-AUG-1998	363 01-AUG-1999	000 Issue	28-JUL-1999
Issue Final Permit	28-JUL-1999	14 11-AUG-1999	000 Issued	29-JUL-1999
ISSUE PERMIT	29-JUL-1999	1 30-JUL-1999	000 Issued	29-JUL-1999
STOP CLOCK	29-JUL-1999	1 30-JUL-1999	000 Done	29-JUL-1999
RESET CLOCK	26-MAY-1998	1 27-MAY-1998	000 Done	26-MAY-1998
RESET CLOCK	28-JAN-1998	1 29-JAN-1998	000 Done	28-JAN-1998
Publish Notice of Application	08-JAN-1998	14 22-JAN-1998	000 Done	17-SEP-1998
Return Proof of Publication of Notice of Application	17-SEP-1998	21 08-OCT-1998	000 Received	30-SEP-1998

perMits | Events | Payme | Site | Facility | party | reports | >

----- Permitting Application -----

+----- SITE Permit -----+

Site Name: MANATEE_CO. LENA ROAD CLASS I LF (LF1) Site #: 0039884

County: MANATEE Comments: N RPAs: N # Cases: 0

+----- Project -----+

Permit #: - - - Project #: 001 Logged: 08-JAN-1998 CRA #:

Permit Office: SWD (DISTRICT) Agency Action: Pending

Project Name: MANATEE_CO. LENA RD LANDFILL Desc: OPERATION

Type/Sub/Des: SO /01 SANI. LANDFILL CLASS I COE #:

Received: 31-DEC-1997 Issued: Expires:

Fee: 10000.00 Fee Recd: Dele: Override: NONE

+----- Related Party -----+

Role: APPLICANT Begin: 08-JAN-1998 End:

Name: BRAMBLE, LEN Company: MANATEE_CO PUBLIC WORKS DEPT

Addr: 4410 66TH ST WEST

City: BRADENTON State: FL Zip: 34210- Country: U.S.A.

Phone: 941-792-8811 Fax:

+----- Processors -----+

Processor: FORD_K Y Active: 08-JAN-1998 Inactive:

Press [LIST] for valid Roles for a Party.

Count: *1

<List><Replace>

AREA: SWD

Ca... Receiving Application
Collection Point Log Remittance

CRAF006A

Tot: \$10,000.00

SYSSREMT: 223751 Type: CP Recvd Date: 31-DEC-1997 Status: RECEIVED
SYSSRCPT: 180659 PNR: Check #: 1247863 Amount: 10,000.00
SSN/FEI#: Name: MANATEE CNTY BRD OF CNTY COMM
First: Middle: Title: Suf:
Address1: PO_BOX_1000 Short Comments:
Address2: SM-LANDFILL_OPERATION
City: BRADENTON ST: FL Zip: 34206-1000 Country:

P A Y M E N T (S)

Distr	CL	Object	Payment	Reference#	Applic/	S
		Code/Description.....	Amount.....		Fund	T
						A
232156	SWD	002245 SOLID_WASTE-OPE	\$10,000.00	0039884-1	PA_PFTF	CO

COMMIT FREQUENTLY \$10,000.00 Payment total

Press <TAB> to accept Collection Point or enter F&A.

Count: *1

<Replace>

Date: 3/17/97 06:29:38 AM
From: Bill Hinkley TAL
Subject: Re: Slurry Wall CL I Landfills
To: See Below

> Bob, I can't answer most of your questions about why slurry
> wall landfills aren't working or what we should do about it. But I
> can shed a little light on the history and legislation.
> First, the rule currently doesn't require anyone to retrofit
> or upgrade constructed landfills. Rule 62-701.330(1)(c) says that the
> construction requirements don't apply to any solid waste disposal unit
> for which construction is completed prior to certain dates, and that
> the unit may be operated until filled to its permitted or design
> dimensions. The difference is that most disposal units tend to be
> small, and once they fill up the next unit (or the lateral expansion)
> has to meet the new design rules. We did consider during rulemaking
> that slurry wall landfills tend to be big, and that they might not
> fill up for decades. We weighed this against the
> equitable/economic/political consideration that some counties had
> spent big bucks building these landfills, with our blessings, and that
> it was unfair to go back now and take away what we had given them,
> especially since we were unaware of any major environmental problems
> being caused by them. We were certainly aware that inward gradient
> landfill designs posed difficult operational problems, but as far as
> we knew they were either working or we thought they could be made to
> work. It was also pretty clear that we would probably never be able
> to permit a landfill with an in situ liner again.
> One more little story. At about the same time that we were
> tuning up our liner rules and writing the applicability section, the
> ERC proposed to put in a requirement that the bottom of the landfill
> must be five feet above the ground water. This was challenged, and at
> the hearing John Reese and John Gentry (along with Joe Fluet)
> testified that an inward gradient landfill, like slurry wall
> landfills, looked great on paper. We tried to argue that inward
> gradient landfills were basically unproven and that an alternate
> procedure should be required for them, but the Hearing Officer shot us
> down and found that our rules ought to treat lined landfills and
> slurry wall/inward gradient landfills equally, because both worked on
> paper and both could be screwed up in real life.
> But we are not stuck with our decision. There is nothing in
> the law about slurry wall landfills or allowing old landfills to
> continue operating. If we are in possession of newer and better data
> showing that slurry wall landfills don't work, we could attempt to
> amend our rules to require a retrofit or phase-out of these
> facilities.
> No doubt Richard will be more helpful, and in fact he will
> probably bring back a cure from California, where the sun always
> shines.

Bob: have you talked to the engineers who designed these slurry walls? What is their view of the gradient problem?

Also, Is this issue bigger than just landfills? I recall visiting a ground water remediation project at IMC several years ago which employed a very deep (80-100' ?) slurry cutoff wall to stop a plume from a gypstack. And I periodically hear of slurry walls being proposed in other CAP/RAP projects. MJ: maybe we need to do a joint technical review of slurry walls with the Bureau of Waste Cleanup and the Division of Water Facilities? wwh

To: Chris McGuire TAL
To: Robert Butera TPA
To: Richard Tedder TAL
CC: Kim Ford TPA
CC: Allison Amram TPA
CC: Mary Jean Yon TAL
CC: Bill Hinkley TAL
CC: johnschert@aol.com@in



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

NOTICE OF PERMIT

July 28, 1999

Manatee County
c/o Mr. Len Bramble
4410 66th Street West
Bradenton, FL 34210

Dear Mr. Bramble:

Enclosed is a Operation Permit Number 39884-001-SO, issued pursuant to Section(s) 403.087(1), Florida Statutes.

A person whose substantial interests are affected by the Department's proposed agency action may file a timely petition for an administrative hearing under sections 120.569 and 120.57 of the Florida Statutes, or may choose to pursue mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth below.

A person may pursue mediation by reaching a mediation agreement with all parties to the proceeding (which include the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by the Department's action or proposed action. The agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

The agreement to mediate must include the following:

- (a) The names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) The names, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) The agreed allocation of the costs and fees associated with the mediation;
- (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;

(e) The date, time, and place of the first mediation session, or a deadline for holding the first session, of no mediator has yet been chosen;

(f) The name of each party's representative who shall have authority to settle or recommend settlement; and

(g) Either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference.

(h) The signatures of all parties or their authorized representatives.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within fourteen days of receipt of this notice. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that they will apply for challenging the agency action and electing remedies under those two statutes.

The petition for an administrative hearing must conform to the requirements of Chapters 62-103 and 28-5.201, F.A.C., and must be filed (received) in the Department's Office of General Counsel, 3900 Commonwealth Boulevard, Tallahassee, 32399-3000, 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 62-103.070, 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.

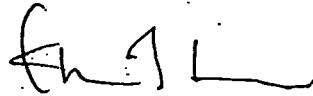
Manatee County
Mr. Len Bramble
Permit No.: 39884-001-SO

July 28, 1999
Page Three

When the Order (Permit or Permit Modification) 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, 3900 Commonwealth Boulevard, Tallahassee, 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



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

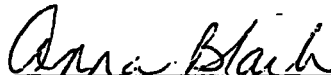
KBF/ab
Attachment

cc: Fred Sebesta, P.E., HDR
Robert Butera, P.E., FDEP Tampa

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on July 28, 1999 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

7-28-99
Date

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 Initial 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 therefore.

(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

SECTION 62-103.155, FLORIDA ADMINISTRATIVE CODE
RULES OF ADMINISTRATIVE PROCEDURE
FINAL AGENCY ACTION (NON-RULEMAKING) AND APPEAL

62-103.155 Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.

(1)(a) Any person whose substantial interests may be affected by proposed or final agency action by the Department may file a petition for formal administrative hearing in accordance with this rule if the person disputes the material facts upon which the Department's action is based.

(b) Any person whose substantial interests may be affected by proposed or final action by the Department may file a petition for informal administrative hearing in accordance with this rule if the person objects to the Department's action but does not dispute the material facts upon which the Department's action is based.

(2) A petition for formal or informal administrative hearing pursuant to section 120.57, F.S., shall contain the following information:

(a) The name, address, and telephone number of each petitioner. If the petitioner challenges a Department action or proposed action on a permit application, the applicant's name and address, the Department permit file number and the county in which the project is proposed shall also be included;

(b) A statement of how and when each petitioner received notices of the Department action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of those material facts (i.e., those facts upon which the Department's action or proposal is based) is disputed by petitioner. If no facts are disputed, petitioner shall so state;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;

(g) A statement of relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

(3)(a) A petition shall be in the form required by this rule and must be filed (received) in the Office of General Counsel of the Department within the following number of days after receipt or publication (whichever occurs first) of notice of proposed agency action or of notice of agency action:

1. Petitions concerning Department action or proposed action on applications for permits (except permits for hazardous waste facilities): 14 days;

2. Petitions concerning Department action or proposed action on applications for hazardous waste facility permits: 45 days;

3. Petitions concerning notices of violation when no informal conference is held: 20 days after receipt of the notice of violation;

4. Petitions concerning notices of violation when an informal conference is held: 10 days after receipt of notice of completion of the informal conference;

5. Petitions concerning other Department actions or proposed actions: 21 days.

The petitioner shall also serve a copy of the petition on all other parties to the proceeding, as identified in the published notice, at the time of filing.

(b) Failure to timely file a petition within the applicable time period after receipt of notice of agency action or receipt of notice of proposed agency action, whichever notice first occurs, shall constitute a waiver of any right to request an administrative proceeding under Chapter 120, F.S.

(4) If a petition is filed that does not substantially comply with the requirements of subsection (2) of this rule, the Department shall issue an order dismissing the petition with leave to file an amended petition complying with the requirements of this rule within 15 days of service of the order. If an amended petition complying with this rule is not filed (received) within 15 days of service of the order, the petitioner's right to a proceeding under Section 120.57, F.S., is waived.

(5) When there has been no publication of notice of agency action or notice of proposed agency action as prescribed in Rule 62-103.150, F.A.C., a person who has actual knowledge of the agency action or has knowledge which would lead a reasonable person to conclude that the Department has taken final agency action, has a duty to make further inquiry within 14 days of obtaining such knowledge by contacting the Department to ascertain whether action has occurred. The Department shall upon receipt of such an inquiry, if agency action has occurred, promptly provide the person with notice as prescribed by Rule 62-103.150, F.A.C. Failure of the person to make inquiry with the Department within 14 days after obtaining such knowledge may stop the person from obtaining an administrative proceeding on the agency action.

(6)(a) "Receipt of notice of agency action" means receipt of written notice of final agency action, as prescribed by Department rule, or the publication, pursuant to Department rule, of notice of final agency action, whichever first occurs.

(b) "Receipt of notice of proposed agency action" means receipt of written notice (such as a letter of intent) that the Department proposes to take certain action, or the publication pursuant to Department rule of notice of proposed agency action, whichever first occurs.

(7) Notwithstanding any other provision in this Chapter, should a substantially affected person who fails to timely request a hearing under Section 120.57, F.S., administratively appeal the final Department action or order, the record on appeal shall be limited to:

(a) the application and accompanying documentation submitted by the applicant prior to the issuance of the agency's intent to issue or deny the requested permit.

(b) the materials and information relied upon by the agency in determining the final agency action or order;

(c) any notices issued or published; and

(d) the final agency action or order entered concerning the permit application.

(8) In such cases where persons do not timely exercise their rights accorded by Section 120.57(1), Florida Statutes, the allegations of fact contained in or incorporated by the final agency action shall be deemed uncontested and true, and appellants may not dispute the truth of such allegations upon subsequent appeal.

(9) Any applicant may challenge the Department's request for additional information by filing with the Office of General Counsel an appropriate petition for administrative proceeding pursuant to Section 120.60, F.S., following receipt by the applicant of the Department's notification pursuant to Section 403.0876, F.S., that additional information is required.

Specific Authority: 120.53, 403.0876, 403.815, F.S.

Law Implemented: 120.53, F.S.

History: New 9-20-79; Amended 4-28-81; Transferred from 17-1.62 and Amended 6-1-84; Amended 10-19-88, Formerly 17-103.155.



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Manatee County
c/o Mr. Len Bramble, P.E.
Director of Public Works
4410 66th Street West
Bradenton, FL 34210

PERMIT/CERTIFICATION

GMS ID No: 4041C02025
Permit No: 39884-001-SO
Date of Issue: 07/28/1999
Expiration Date: 07/15/2004
County: Manatee
Lat/Long: 27°28'00"N
82°27'00"W
Sec/Town/Rge: 1,6 & 31/34S/19E
Project: Manatee County Solid
Waste Management
Facility - Lena Road
Landfill

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-330, 62-520, 62-522, 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 with leachate storage, and related facilities (approximately 300 acres), referred to as the Manatee County Solid Waste Management Facility - Lena Road Landfill, subject to the specific and general conditions attached, for management and disposal of solid waste and leachate, located at 3333 Lena Road, Bradenton, Manatee County, Florida.

1. Class I Landfill and Leachate Storage Facility

General Information: This is a Class I landfill designed with a slurry wall and leachate collection and removal system to maintain an inward gradient. Collected leachate is discharged to a leachate storage pond that is contained within the slurry wall. Stored leachate is pumped to the adjacent WWTP for treatment. Uncontaminated stormwater runoff is separately collected, and stored in a stormwater retention pond. Stored stormwater is discharged into a stormwater treatment system outside the slurry wall which is used to maintain an inward gradient.

Replaces Permit No.: SO41-211176 and SF41-211177

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.

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

PERMITTEE: Manatee Coun.
c/o Mr. Len Bramble, P.E.

PERMIT NO: 9884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road 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: Manatee Col. of
c/o Mr. Len Bramble, P.E.

PERMIT N 39884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road 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.

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.

PERMITTEE: Manatee County
c/o Mr. Len Bramble, P.E.

PERMIT NO: 9884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - (a) Determination of Best Available Control Technology (BACT)
 - (b) Determination of Prevention of Significant Deterioration (PSD)
 - (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
 - (d) Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 1. the date, exact place, and time of sampling or measurements;
 2. the person responsible for performing the sampling or measurements;
 3. the dates analyses were performed;
 4. the person responsible for performing the analyses;
 5. the analytical techniques or methods used;
 6. the results of such analyses.

PERMITTEE: Manatee Col /
c/o Mr. Len Bramble, P.E.

PERMIT NO 39884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

GENERAL CONDITIONS:

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

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

- (a) All reports or information required by the Department shall be certified as being true, accurate and complete.
- (b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.
 - 1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.
 - 2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.
- (d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

GENERAL CONDITIONS:

17. - The following conditions also shall apply to a hazardous waste facility permit.

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.
2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

PERMITTEE: Manatee Co. /
c/o Mr. Len Bramble, P.E.

PERMIT N 39884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

1. **Landfill Designation.** This site shall be classified as a Class I landfill and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-330, 62-520, 62-522 and 62-701, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

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

- Sequential Filling Plan by HDR dated March 1997, received March 28, 1997;
- Landfill Operation Permit Renewal Application dated December 31, 1997 and supporting information by HDR received December 31, 1997;
- Groundwater Monitoring Plan Biannual Evaluation, dated December 31, 1997, received January 9, 1998;
- Operation Plan by HDR dated November 5, 1998 and Stormwater/Leachate Management Plan by Manatee County dated November 1998, received December 8, 1998;
- Replacement pages and Household Hazardous Waste Collection Plan dated April 7, 1999 received April 9, 1999;
- and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.** Any construction, operation or other activities subject to Department Solid Waste Regulations not previously approved as part of this permit may require a separate Department permit unless the Department determines a permit modification to be more appropriate, or unless otherwise approved in writing by the Department. 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.** No later than one hundred eighty (180) 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. 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 by the activities at this facility.

PERMITTEE: Manatee County
c/o Mr. Len Bramble, P.E.

PERMIT NO.: 9884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road 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.

- a. White goods and scrap metal that are held for the purposes of recycling shall be held no longer than one hundred and eighty (180) days, and shall be stored in a manner so as to prevent the discharge of CFCs and other residuals which may cause air or groundwater pollution. White goods with CFC's (freon) shall be stored in an upright position. Surface water shall be diverted away from all storage or holding areas.
- b. 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.
- c. Yard trash and clean wood accepted at the site shall be processed for recycling or removal for disposal within six months of receipt, unless otherwise approved in writing by the Department.

7. **Landfill Operation Requirements.** The permittee shall operate this facility in accordance with F.A.C. 62-701.500, Landfill Operation Requirements, and the Operation Plan by HDR.

8. **Operating Personnel.** As required by F.A.C. 62-701.500(1), at least one trained operator, shall be at the landfill at all times when the landfill receives waste. The trained operator shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed as noted in the operations plan to adequately operate the facility. At least one trained spotter shall be at the working face at all times when waste is received. The owner or operator shall ensure that each operator shall receive 20 hours of initial training and 15 hours of continued training within three years of the operator's initial training, and each spotter shall receive 8 hours of initial training and 8 hours of continued training within three years of the spotter's initial training. 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.

SPECIFIC CONDITIONS:

9. **Operation Plan and Operating Record.** The landfill 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. The Department shall be notified of changes to the operational plan. The plan shall be updated as operations change and for renewal of the permit. 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 Sequential Filling Plan by HDR.

11. **Waste Records.** Waste quantity records shall be compiled monthly as described by F.A.C. 62-701.500(4) and made available to the Department upon request.

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), including a load checking program and associated activities.

- a. The permittee shall not knowingly 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. Sludges or other wastes which may be hazardous should be disposed of in accordance with F.A.C. 62-701.300(4) and 62-701.500(6)(b).
- b. The operating authority shall maintain a program which prohibits the disposal of bulk industrial wastes which operating personnel reasonably believe to either be or contain hazardous waste, without first obtaining a chemical analysis of the material showing the waste to be non-hazardous. The chemical analysis of any such material so placed in the landfill, along with the 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.

SPECIFIC CONDITIONS:

b. Alternate 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.

• The fines produced from yard trash processing, unscreened, and then mixed in the ratio of 25% unscreened fines to 75% 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 immediate cover. 80% of the unscreened fines shall pass through a 1/2" screen prior to mixing with soil. At least one sample shall be tested annually to verify particle size distribution.

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 leachate, and unnecessary use of cover material. The permittee shall maintain the working face of a cell only wide enough to efficiently accommodate the maximum quantity of vehicles discharging waste simultaneously 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.

16. **Final Cover.** Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed (shall receive final cover) 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 Stormwater/ Leachate Management Plan by Manatee County.

a. Each pump 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 repaired, and a replacement pump installed if required for continued compliance. Documentation of all inspections shall be kept on file at the facility.

SPECIFIC CONDITIONS:

b. Leachate generation reports shall be compiled monthly and submitted to the Department semi-annually by January 15th and July 15th or more frequently if requested. Leachate generation reports shall include the number of open, intermediate and closed acres, and the quantities of leachate collected, stored, recirculated and disposed off-site, and hauled/piped off-site to a wastewater treatment facility, and daily precipitation amounts greater than one tenth of an inch.

c. No later than one hundred and eighty (180) days prior to permit expiration, the entire leachate collection and removal system, force mains and gravity pipelines, shall be visually or video inspected and pressure tested where possible to verify adequate performance. Components not performing adequately shall be cleaned and/or repaired. The results of the inspection and testing shall be submitted to the Solid Waste Section of the Southwest District Office to demonstrate adequate performance prior to permit renewal.

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

19. **Gas Monitoring Locations.** Gas monitoring wells GMW 1 through 18, and GMP 1 through 6 and 8 as shown on Figure K-3 attached shall be sampled quarterly for the Lower Explosive Limit (LEL) of methane, as described in F.A.C. Rule 62-701.400(10)(c).

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 and 62-330. The system shall minimize stormwater from entering waste filled areas and avoid the mixing of stormwater with leachate. All stormwater conveyances shall be inspected at least weekly to verify adequate performance. Conveyances not performing adequately shall be repaired within three (3) working days. Documentation of all inspections and repairs shall be kept on file at the facility.

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

PERMITTEE: Manatee County
c/o Mr. Len Bramble, P.E.

PERMIT NO: 9884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road 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. 62-296.401(6). 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.** No later than one hundred eighty (180) days prior to the date when wastes will no longer be accepted for active portions of the landfill which have reached closure designed dimensions, the landfill owner or operator shall submit a closure permit application to the Department in order to assure conformance with all applicable Department rules.

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 disease vectors such as mosquitoes and rodents so as to protect the public health and welfare.

27. **Liner Location.** The top of the slurry wall shall be clearly flagged (or otherwise easily located and protected by access roads) in as many locations as required to prevent waste disposal and leachate runoff outside the slurry wall. The flagging or staking markers shall be maintained at all times.

SPECIFIC CONDITIONS:

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, surface water monitoring locations, gas collection and monitoring system repairs, repair and maintenance of leachate collection and removal systems, and maintenance of the leachate storage and stormwater treatment facilities. This includes all areas of the landfill - both open and closed. In the event of damage to any portion of the site facilities regulated by this permit or failure of any part of the related 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. Routine maintenance does not require notification but shall be noted on daily reports.

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 Quality Assurance Plan to meet the requirements of F.A.C. Chapter 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 whenever the sampling or analytical companies change. 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. Rule 62-4.246 and Chapter 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 the site shall extend horizontally 100 feet from the limits of the landfill or to the property boundary, whichever is less, and shall extend vertically to the bottom of the first confining unit.
- b. The permittee shall ensure that the water quality standards for Class G-II groundwaters will not be exceeded at the boundary of the zone of discharge according to F.A.C. Rule 62-520.420, and that the minimum criteria listed in F.A.C. Rule 62-520.400 will not be exceeded outside the landfill's slurry wall.

SPECIFIC CONDITIONS:

31. **Leachate Sampling.** Leachate shall be sampled from each leachate pump station that receives flow from waste filled areas. Samples shall be collected prior to pumping and composited into one sample for analysis. Leachate shall be analyzed every 6 months 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
	Nitrate
	Sodium
	Total Dissolved Solids (TDS)
	Those parameters listed in
	40 CFR Part 258, Appendix I

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

32. **Surface Water Sampling.**

a. The surface water monitoring stations are located as follows:

<u>SURFACE WATER</u>	<u>SAMPLE TYPE</u>	<u>LOCATION</u>
SW1	Downstream	Cypress Strand
SW2	Upstream	Cypress Strand

All locations are shown on attached drawing titled "Surface Water Monitoring Points", dated June 28, 1999.

A surveyed drawing shall be provided for all staff gauges installed at all surface water sampling locations by October 15, 1999. The survey shall show all locations in degrees, minutes and seconds of latitude and longitude, the Universal Transverse Mercator Coordinates, and the gauge elevation to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the surface water sampling locations. The survey shall be conducted by a registered land surveyor.

SPECIFIC CONDITIONS:

b. Surface water monitoring stations shall be sampled in accordance with F.A.C. 62-701.510(6)(d) every six months, for the following parameters:

Field parameters

Specific Conductivity
pH
Dissolved Oxygen
Turbidity
Temperature
Colors and sheens
(by observation)

Laboratory parameters

Unionized Ammonia
Total Hardness
Biochemical Oxygen Demand (BOD₅)
Copper
Iron
Mercury
Nitrate
Zinc
Total Dissolved Solids (TDS)
Total Organic Carbon (TOC)
Fecal Coliform
Total Phosphorous
Chlorophyll A
Total Nitrogen
Chemical Oxygen Demand (COD)
Total Suspended Solids (TSS)
Those parameters listed in
40 CFR Part 258, Appendix I

33. **Gradient Monitoring.** Monitoring points are located on Figure 2 of the Stormwater/Leachate Management Plan, attached. Monthly, the hydraulic gradient across the slurry wall shall be measured at the following monitoring points:

Interior Monitoring Point

PZ-1
PZ-2
PZ-3
PZ-4A
PZ-5
PZ-6
PZ-7
PZ-8
PZ-9
PZ-10
PZ-11
PZ-12
PZ-13
PZ-14
PZ-15B
PZ-16
PZ-17
PZ-18
PZ-19

Exterior Monitoring Point

MW-5
MW-2
MW-1
CW-4
CW-5A
SG-1
MW-6
LRII-5
LRII-4
LRII-2
LRII-1
GC-2
GC-3
GC-4
PZ-15A
PZ-16A
SG-2
SG-3
PZ-11

PERMITTEE: Manatee Coun
c/o Mr. Len Bramble, P.E.

PERMIT NO: 9884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

These points shall be monitored monthly for water levels to an accuracy of 0.01 feet. Results of the monthly monitoring shall be submitted by the 15th day of the following month. An inward gradient shall be maintained across the slurry wall. If an outward gradient exists, steps for correcting the gradient shall be included with the related monthly data. Damaged gradient monitoring points shall be replaced within thirty (30) days to ensure continuous monthly monitoring at all points.

34. **Groundwater Monitoring Well Locations.** The Groundwater Monitoring System is designed and constructed in accordance with the "Water Quality and Leachate Monitoring Plan - Part L dated July 31, 1998. The groundwater monitoring wells are located as per Figure 2 attached of the Stormwater/Leachate Management Plan.

<u>WELL NUMBER</u>	<u>AQUIFER</u>
LR11-1	Surficial (detection/compliance)
LR11-2	Surficial (detection/compliance)
LR11-3	Surficial (detection/compliance)
LR11-4	Surficial (detection/compliance)
LR11-5	Surficial (detection/compliance)
MW-1	Surficial (background)
MW-2	Surficial (detection/compliance)
MW-3	Surficial (detection/compliance)
MW-5	Surficial (detection/compliance)
MW-6	Surficial (detection/compliance)
CW-4	Surficial (compliance)
CW-5A	Surficial (detection/compliance)
GC-1A	Surficial (detection/compliance)
GC-2	Surficial (detection/compliance)
GC-3	Surficial (detection/compliance)
GC-4	Surficial (detection/compliance)
GC-5	Surficial (detection/compliance)
GC-6	Surficial (background)
SMR-1	Surficial (background)
SA-2	Artesian (Deep) (detection/compliance)
SA-3	Artesian (Deep) (detection/compliance)
SA-4	Artesian (Deep) (detection/compliance)
SA-5	Artesian (Deep) (detection/compliance)
SA-6	Artesian (Deep) (detection/compliance)
SA-7	Artesian (Deep) (detection/compliance)
SA-8	Artesian (Deep) (detection/compliance)
SMR-2	Artesian (Deep) (background)

All wells are to be clearly labeled and easily visible at all times. The permittee should keep all wells locked to prevent unauthorized access.

35. **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:

SPECIFIC CONDITIONS:

Field parameters

Static Water-Level
before purging
Specific Conductivity
pH
Dissolved Oxygen
Turbidity
Temperature
Colors and sheens
(by observation)

Laboratory parameters

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

Water levels shall be measured in all site wells listed in Specific Conditions No. 33.

Additional samples, wells, and parameters may be required based upon subsequent analysis. Method detection limits must meet, or be lower than that parameter's Maximum Contaminant Level in order to demonstrate compliance with groundwater standards.

36. **Groundwater Monitoring Well Construction.** Prior to construction of any new wells, the permittee shall request and receive Department approval of a minor permit modification, unless otherwise approved in writing by the Department.

a. Documentation of the following for each well installed:

Well Identification
Aquifer monitored
Screen type and slot size
Screen length
Screen diameter
Elevation at top of casing
Elevation at ground surface
Well development method
and duration

Boring (Lithology) Log
Total depth of well
Casing diameter
Casing type and length
SWFWMD well construction
permit Nos.
Well seal and filter pack
type and thickness

b. Within one week of well completion and development, each new well shall be sampled for the parameters listed in F.A.C. Rules 62-701.510(8)(a) and (d), to establish initial groundwater quality for each new well.

c. A surveyed drawing shall be submitted in accordance with F.A.C. Rule 62-701.510(3)(d)(1), showing the location of all monitoring wells (active and abandoned) horizontally located in degrees, minutes and seconds of latitude and longitude, the 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 numbers, 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.

PERMITTEE: Manatee Coun.
c/o Mr. Len Bramble, P.E.

PERMIT NO: 39884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

37. Well Abandonment. All wells and piezometers not a part of the approved Water Quality Monitoring Plan shall be plugged and abandoned in accordance with F.A.C. Rule 62-532.440, and the Southwest Florida Water Management District (SWFWMD). The permittee shall submit a written report to the Department documenting verification of the well abandonment within 90 days of abandonment. Documentation of abandonment shall include a map showing piezometer/well locations and SWFWMD abandonment records. A written request for exemption to the abandonment of a well must be submitted to the FDEP's Solid Waste Section for approval.

38. Verification/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 within receipt of the laboratory data 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. Rule 62-701.510(7) may be required.

39. Water Quality and Leachate Reporting Requirements. All ground water and surface water quality monitoring and leachate analyses shall be reported on the Department Form 62-522.900(2), Ground Water Monitoring Report (attached). The permittee shall submit to the Department the results of the water quality and leachate analysis July 15th and January 15th for the semi-annual periods January-June and July-December, respectively. The items listed in F.A.C. Rule 62-701.510(9)(a), including but not limited to a groundwater flow contour map representing conditions at the time of groundwater sampling shall be submitted with each set of analytical results. All exceedances of water quality standards shall be noted. The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318; and also to: Solid Waste Section, Department of Environmental Protection, 3900 Commonwealth Boulevard, M.S. 4565, Tallahassee, FL 32399-3000.

SPECIFIC CONDITIONS:

40. Groundwater Monitoring Plan Evaluation.

Every two years and prior to 180 days before the expiration of the Department Permit, the permittee shall submit an evaluation of the Groundwater Monitoring Plan as described in 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 evaluations shall be submitted to the Solid Waste Section of the Department by December 15, 2001 and December 15, 2003.

41. 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.

42. 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.

43. 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.

44. Regulations. F.A.C. 62-701, effective April 23, 1997, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

45. Air Requirements.

a. An air construction permit is not required for the landfill unless landfill construction or any modification is subject to the prevention of significant deterioration (PSD) requirements of Chapter 62-212, F.A.C. A landfill for which construction or modification is subject to PSD requirements must make application to the Bureau of Air Regulation, Mail Station 5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, for an air construction permit and must obtain such permit prior to beginning any construction or modification.

PERMITTEE: Manatee Coun
c/o Mr. Len Bramble, P.E.

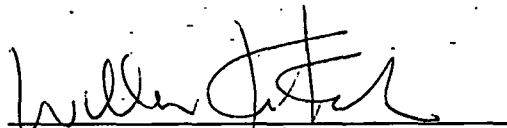
PERMIT NO: 9884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

b. An air operating permit is not required unless the landfill is required to obtain a Title V air operating permit (Title V permit) pursuant to Section 403.0872, F.S. A landfill is required to obtain a Title V permit if the landfill (or the total facility, if the landfill is collocated or part of a larger facility) has the potential to emit 10 TPY of any hazardous air pollutant, 25 TPY of any combination of hazardous air pollutants or 100 TPY of any other regulated air pollutant. A landfill is also required to obtain a Title V permit if the maximum design capacity, as defined at 40 CFR 60, Subpart WWW, is equal or greater than 2.5 million Megagrams or 2.5 million cubic meters. Title V permits must be applied for in accordance with the timing and contact requirements of Rule 62-204.800, F.A.C. and Chapter 62-213, F.A.C. Title V applications shall be submitted to the District Air Program Administrator or County Air Program Administrator with air permitting authority for the landfill location.

c. The landfill shall comply with the requirements of 40 CFR 60, Subpart WWW and CC, as adopted by reference at Rule 62-204.800, F.A.C. Any amended design capacity report and any Non-Methane Organic Compound (NMOC) emission rate report, as applicable, pursuant to 40 CFR 60.757(a)(3) and (b) shall be submitted to the Division of Air Resources Management, Department of Environmental Protection, Mail Station 5500, 2600 Blair Stone Road, Tallahassee, FL 32399-2400.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



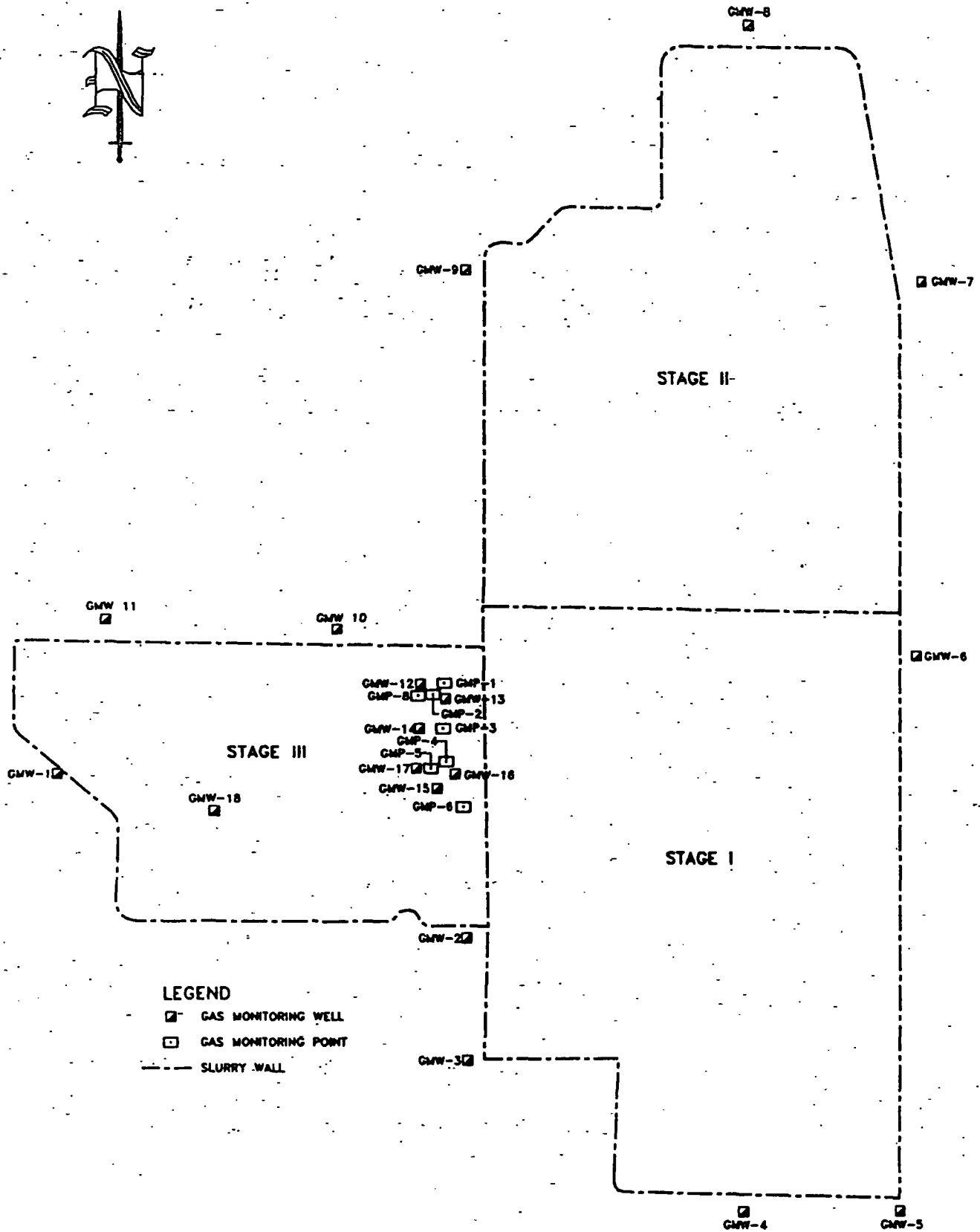
Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

PERMITTEE: Manatee County /
c/o Mr. Len Bramble, P.E.

PERMIT NO. 39884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

Attachment 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4., 17.c.	180 days prior to permit expiration	Permit Renewal Application LCRS Inspection
18.	Quarterly, by January 15th, April 15th, July 15th, and October 15th	Gas monitoring results
25.	Annually, by September 1st	Financial assurance cost estimates
31.	Every 6 months	Leachate sampled/analyzed
31.	Annually	Leachate sampled/analyzed for 40 CFR Part 258, Appendix II parameters
32.b.	Every 6 months	Surface Water sampled/ analyzed
33.	Monthly, by the 15th	Gradient Monitoring Report
35.	Every 6 months	Groundwater wells sampled/ analyzed
39.	Semi-annually, by January 15th, and July 15th	Water quality and leachate monitoring results
40.	December 15, 2001 and December 15, 2003	Evaluation of groundwater monitoring plan



HDR
HDR ENGINEERING, INC.

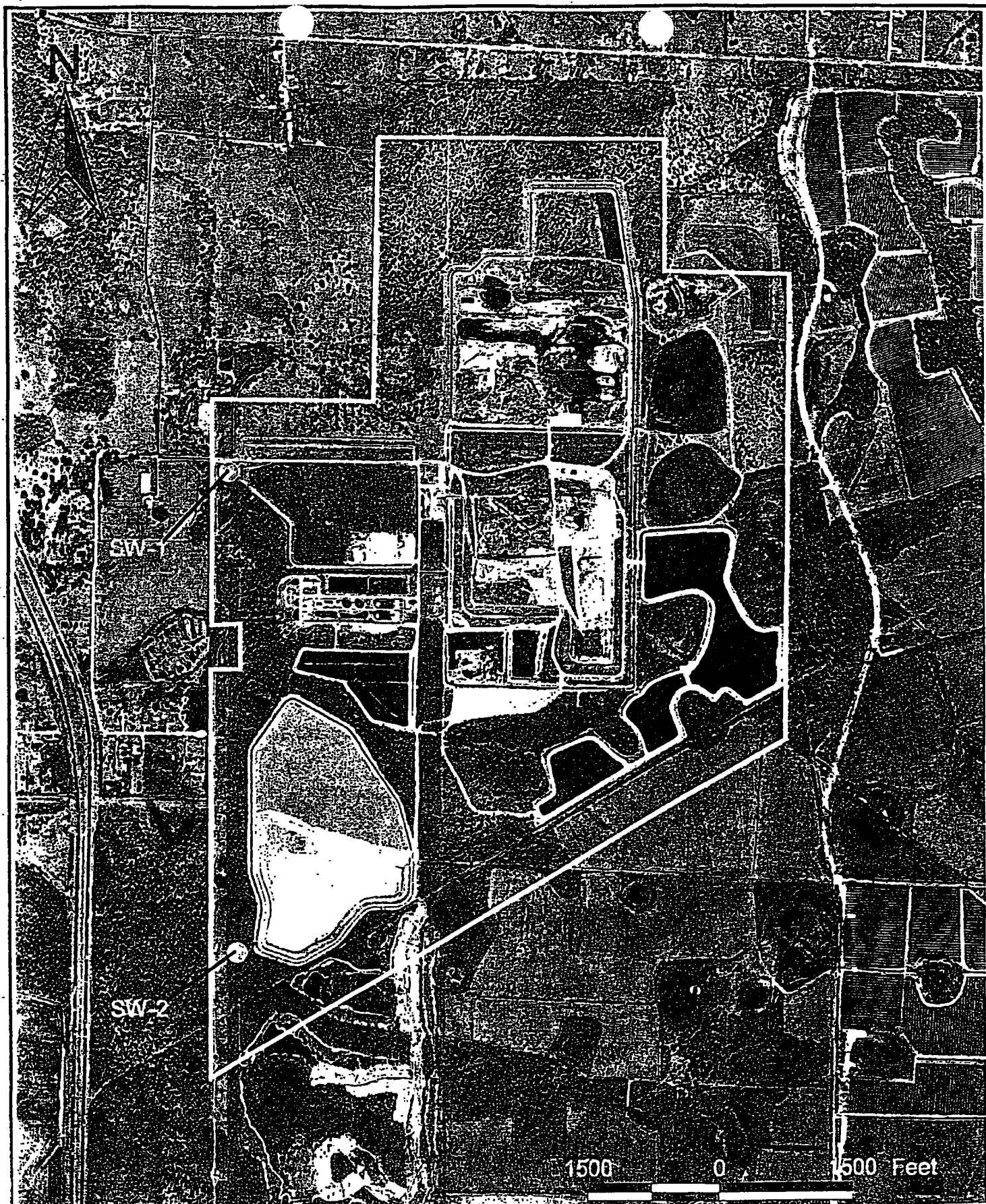
**LANDFILL GAS MIGRATION
MONITORING LOCATIONS**

MANATEE COUNTY

FLORIDA

FIG NO.
K-3

DATE
NOV 1998



HDR



MANATEE COUNTY

SURFACE WATER
MONITORING POINTS

FLORIDA

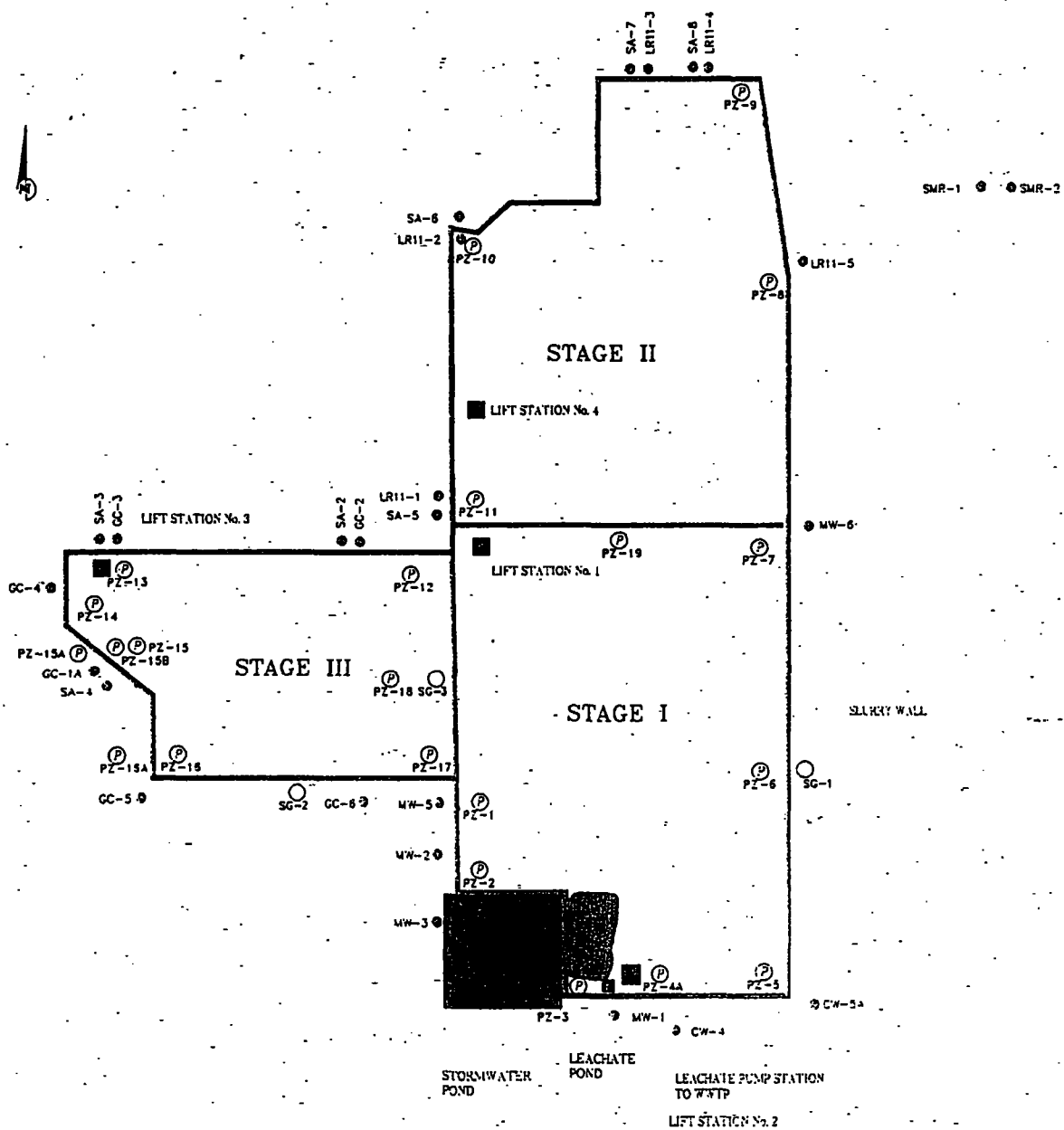
FIG NO.

Supplemental

DATE

6/28/99

**LENA ROAD LANDFILL
MANATEE COUNTY**



OPERATIONS PERMIT APPLICATION: AUGUST, 1998

FIGURE 2

Florida Department of Environmental Protection

Twin Towers Office Bldg. 2400 Blair Stone Road Tallahassee, Florida 32399-2400

DEP Form # 62-522.600(11)

Form Title GROUND WATER MONITORING REPORT

Effective Date _____

DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name _____
Address _____
City _____ Zip _____
Telephone Number () _____
- (2) The GMS Identification Number _____
- (3) DEP Permit Number _____
- (4) Authorized Representative Name _____
Address _____
City _____ Zip _____
Telephone Number () _____
- (5) Type of Discharge _____
- (6) Method of Discharge _____

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: _____

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # _____

Analytical Lab Comp QAP #/HRS Certification # _____
* Comp QAP #/HRS Certification # _____

Lab Name _____

Address _____

Phone Number () _____

PART III ANALYTICAL RESULTS

Facility GMS #: _____ Sampling Date/Time: _____

Test Site ID #: _____ Report Period: _____ (year/quarter)

Well Name: _____ Well Purged (Y/N): _____

Classification of Ground Water:

Ground Water Elevation (NGVD): _____

or (MSL): _____

Well Purged (Y/N): _____

Well Type: () Background

() Intermediate

()-Compliance

() Other

Storet-Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units

* Attach Laboratory Reports

Memorandum

Florida Department of Environmental Protection

PERMIT COVER MEMO

TO: X RICK GARRITY, Director of District Management

FROM/THROUGH:

William Kutash, ENVIRONMENTAL ADMINISTRATOR
Bob Butera 11/14/99, SUPERVISOR
Kim Ford 11/28/99 ENGINEER

DATE:

FILE NAME: Lena Road Landfill
PROGRAM : Solid Waste

PERMIT #: 39884-001-SO
COUNTY : Manatee

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

PUBLIC NOTICE PERIOD CLOSED? N/A PETITION FILED? N/A

PERMIT SUMMARY: This permit is to allow the existing Class I Landfill facility to continue to operate in accordance with a new permit in compliance with new rules. Site plans demonstrate each disposal area will be filled and closed in sequence. The Operations Plan and other supporting information demonstrate the facility will be operated and maintained in compliance with Department rules.

PROFESSIONAL RECOMMENDATION: X APPROVE DENY

EVALUATION SUMMARY: The application was received on December 31, 1997. Two deficiency letters were sent, and the responses received on April 27 and August 3, 1998. The revised operations and leachate management plan were received on December 8, 1998. A waiver was provided through August 1, 1999 to allow completion of site improvements to maintain an inward gradient. The improvements have been completed.

This application was deemed complete on August 3, 1998.

Day 90/30 for this Action is July 29, 1999.

CERTIFICATION

Application No.

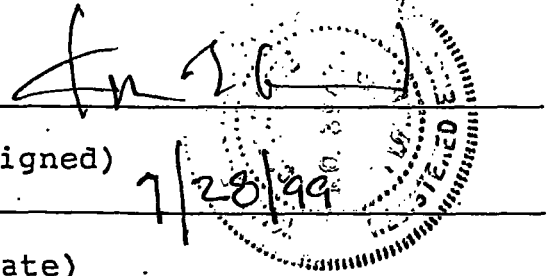
Levin Road Landfill Operation Permit
39884-001-50

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 ⁶²17. 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 and structural features).

(Signed)

(Date)

(Seal)

The block contains a handwritten signature, "fn 10", and the date "7/28/99". These are written over a circular official seal. The seal has a dotted outer ring and contains the text "FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION" and "DIVISION OF LAND RECLAMATION".



MANATEE COUNTY GOVERNMENT

Public Works Department

July 16, 1999

Allison Amram, P.G.
Division of Waste Management
Department of Environmental Protection, South West District
3804 Coconut Palm Drive
Tampa, Florida 33619

Re: Manatee County Lena and Erie Road Landfills
Semi-Annual Groundwater Reports - First Half of 1999

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
JUL 21 1999
SOUTHWEST DISTRICT
TAMPA

Dear Ms. Amram:

Please be advised that we have finalized our annual laboratory services Invitation for Bid. Our new contracted vendor for Landfill sampling and analysis is Savannah Laboratories, Inc, Tampa, Florida.

We have submitted our request for services for the above mentioned landfills to provide reporting for the first six-month period in 1999. Savannah Laboratories, Inc. has notified us that they will draw samples on July 28 and 29, 1999 with written analysis being provided to us approximately 2.5 weeks following those dates. Upon receipt, we will compile the necessary reports and forward to your office at the earliest possible date

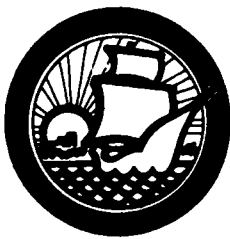
If you need additional information regarding these reports, please contact me at 941/795-3473.
Thank you for your on-going assistance in these matters.

Sincerely,

Gus A. DiFonzo,
Solid Waste Manager

/gbp

cc: Len Bramble, P.E., Public Works Director
Daniel T. Gray, Utilities Operations Manager
Robert Butera, P.E., FDEP
Kim Ford, P.E., FDEP
C. Michael Gore, Landfill Superintendent



MANATEE COUNTY GOVERNMENT

Public Works Department

July 15, 1999

Kim Ford, P.E., Division of Waste Management
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

D.E.P.
JUL 19 1999
Southwest District Tampa

Re: June 29, 1999 Draft Permit
Pending Permit No. 39884-001-50

Dear Mr. Ford:

The Manatee County Public Works Department has received and reviewed your facsimile of June 29, 1999 with regard to the above referenced matter.

Public Works appreciates the incorporation of our considerations of No. 14.6. Alternate Initial Cover/Yard Waste Fines and No. 27. Liner Location into this latest draft. In addition, No. 19. Gas Monitoring Locations is correct as written; the gas monitoring points being one through six and eight. There is not a gas monitoring point seven. Public Works staff has no further comment regarding the Draft Permit.

Your consideration and assistance in the above noted matters is greatly appreciated. If you require further information, please contact this office at 941/792-8811, Extension 5244.

Sincerely,

Gus DiFonzo
Solid Waste Manager

LB/gp

cc: Robert Butera, P.E., FDEP Southwest District
Len Bramble, P.E., Public Works Director
Daniel T. Gray, Utilities Operations Manager
C. Michael Gore, Landfill Superintendent

June 29, 1999

Ms. Allison Amram, P.G.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318

HDR

D.E.P.
JUN 30 1999
Southwest District Tampa

RE: Lena Road Landfill
Renewal of Landfill Operations Permit
HDR Project Number: 07982-024-096

Dear Ms. Amram:

HDR Engineering, Inc. has prepared and is submitting, on behalf of Manatee County, four copies of a supplemental figure showing the two surface water monitoring points at Lena Road Landfill. In addition, we have revised the note referring to Surface Water Monitoring Point 2 (SW-2) on Drawing 2 of the Operation Permit Application Package to correspond with this new figure. We are submitting four copies of this revised drawing as well.

Please call me if you have any questions or if we can provide further information.

Sincerely,

HDR ENGINEERING, INC.

Fred W. Sebesta
Fred W. Sebesta, P.E.
Senior Project Manager
Enclosures
cc: Len Bramble
Dan Gray
Gus DiFonzo
Mike Gore
Bob Butera
Kim Ford
Bill Embree

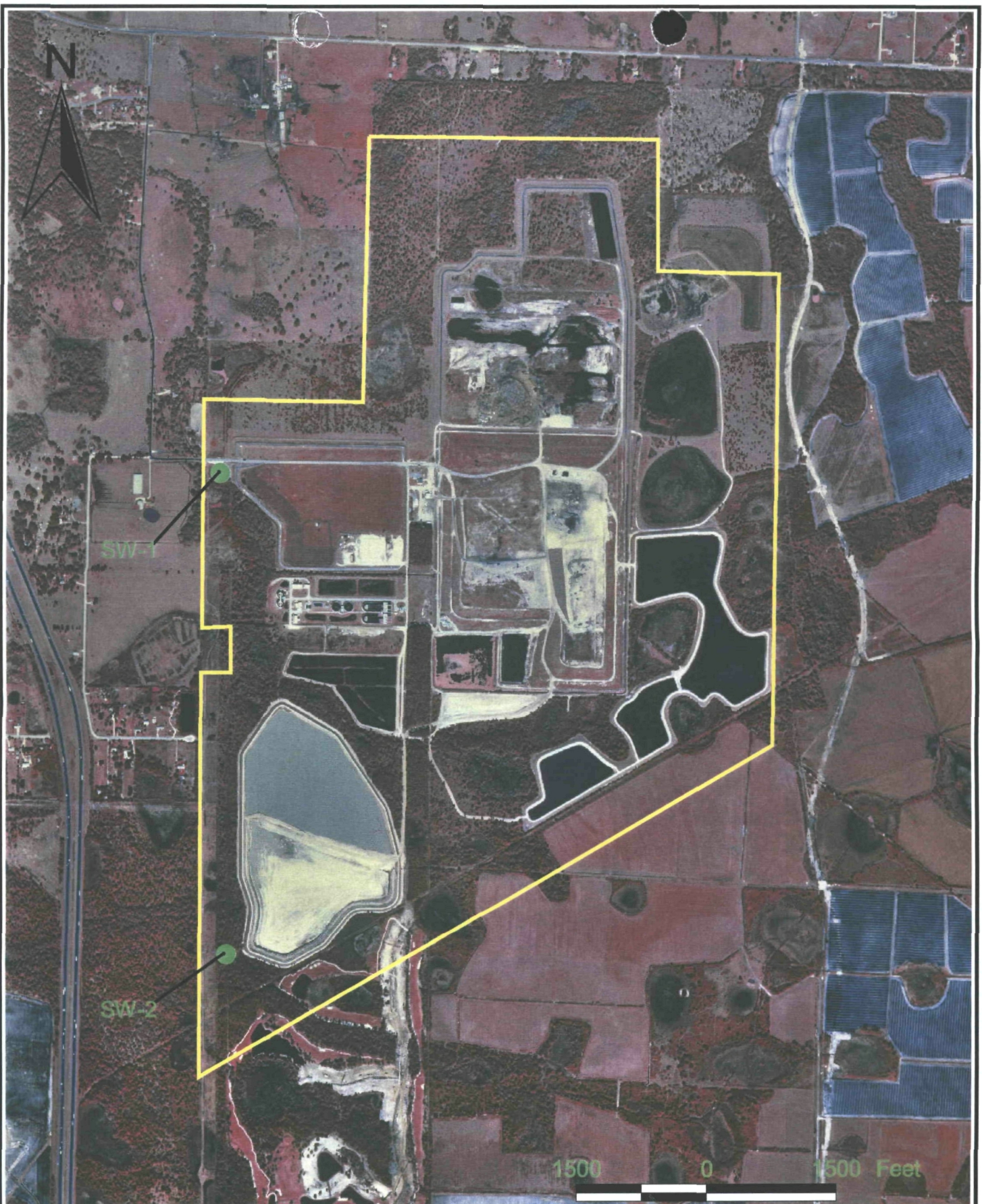
W:\MANATEE\OPERMITS\106H093.WPD

HDR Engineering, Inc.

Employee-owned

Suite 300
5100 W. Kennedy Boulevard
Tampa, Florida
33609-1840

Telephone
813 282-2300
Fax
813 282-2449



HDR



MANATEE COUNTY

FLORIDA

**SURFACE WATER
MONITORING POINTS**

FIG NO.

Supplemental

DATE

6/28/99

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

JUN 3 0 1999

SOUTHWEST DISTRICT
TAMPA

June 29, 1999

Ms. Allison Amram, P.G.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318

D.E.P.

JUL 01 1999

Southwest District Tampa



**RE: Lena Road Landfill
Renewal of Landfill Operations Permit
HDR Project Number: 07982-024-096**

Dear Ms. Amram:

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Please call me if you have any questions or if we can provide further information.

Sincerely,

HDR ENGINEERING, INC.

Fred W. Sebesta
6/29/99
Fred W. Sebesta, P.E.
Senior Project Manager

Enclosures

cc: Len Bramble
Dan Gray
Gus DiFonzo
Mike Gore
Bob Butera
Kim Ford
Bill Embree

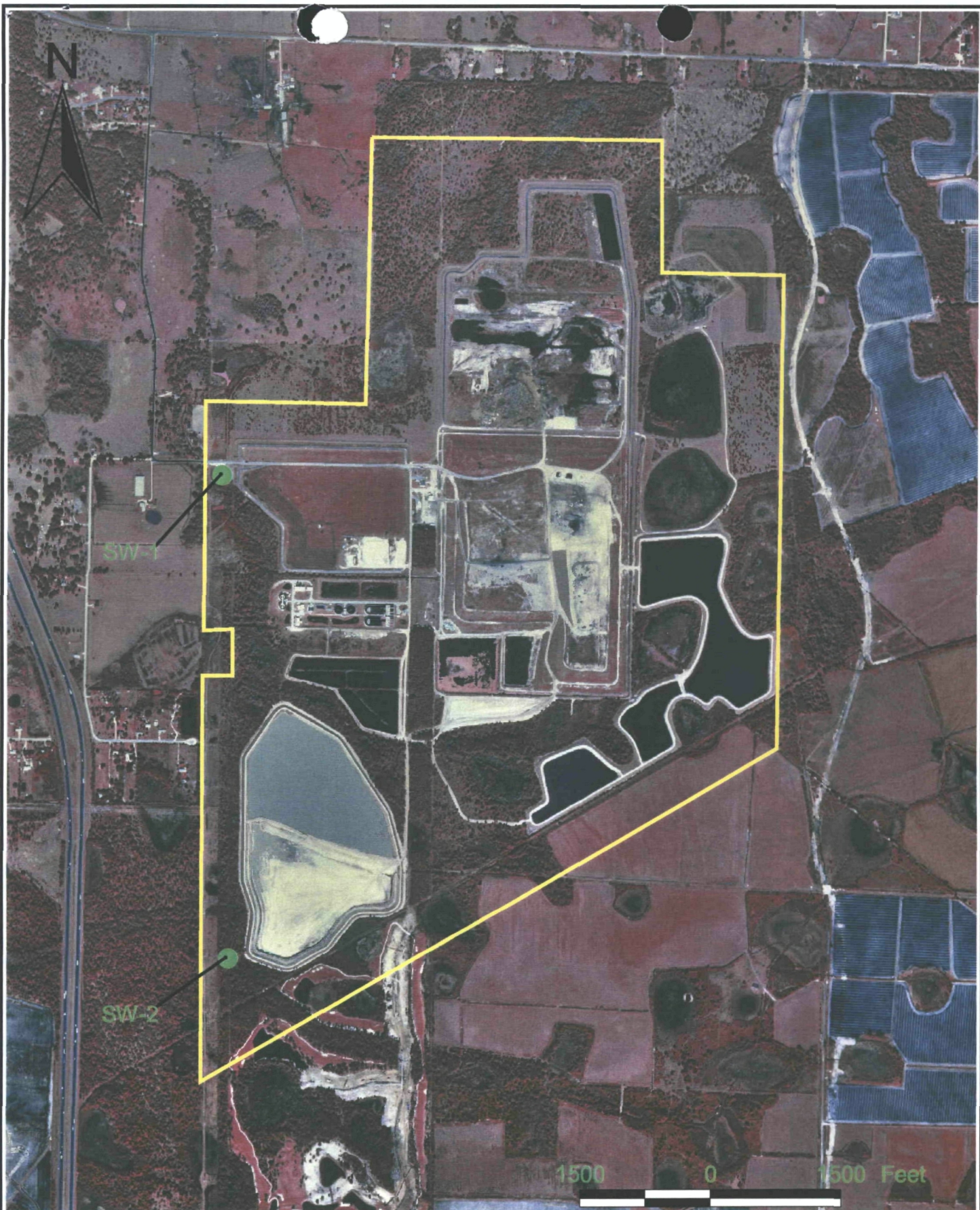
W:\MANATEE\OPERMITS\106H093.WPD

HDR Engineering, Inc.

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Suite 300
5100 W. Kennedy Boulevard
Tampa, Florida
33609-1840

Telephone
813 282-2300
Fax
813 282-2449



HDR



**SURFACE WATER
MONITORING POINTS**

MANATEE COUNTY

FLORIDA

FIG NO.

Supplemental

DATE

6/28/99

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

JUN 30 1994

SOUTHWEST DISTRICT
TAMPA

BEST AVAILABLE COPY

WASTE MGT TAMPA SWD Fax:8137446125

** Transmit Conf. Report **

P.1

Jun 29 1999 10:42

Telephone Number	Mode	Start	Time	Pages	Result	Note
819417953490	NORMAL	29,10:41	0'59"	2	* O K	

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

6/29/99

Number of pages including cover sheet:

2

To:

GUS DIFONZO

WASTE MAN.

Phone:

941

Fax phone:

941 7953490

CC:

From:

LIM FORD

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:

☒ Urgent☒ For your review☒ Reply ASAP☐ Please commentPLEASE LOCATE P2 16A
ON TITUS DRAWING

AND ALSO THE

LOCATION OF THE SLURRY WALL

BETWEEN P2-16A AND P2 16

LOOKS LIKE LCRS TOWER

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

6/29/99

Number of pages including cover sheet:

2

To:

CAUS DIFONZO

WASTE MAN.

Phone:

941

Fax phone:

941 7953490

CC:

From:

Funford

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:



Urgent



For your review



Reply ASAP



Please comment

PLEASE LOCATE PZ 16A

ON THIS DRAWING

AND ALSO THE

LOCATION OF THE SLURRY WALL

BETWEEN PZ-16A AND PZ 16

LOOKS LIKE LCRS TOWER

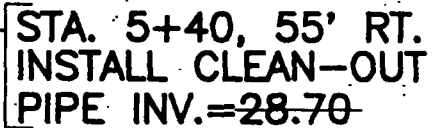
IS LOWER THAN 26.7 SO PZ 16

MAY BE TOO FAR FROM

SLURRY WALL AND LCRS

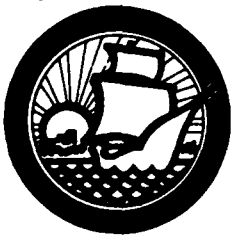
★ ALSO MEASURE LEVEL IN M.H. ★

(IR&C SE



PERIMETER ROAD
(SHELL)

PLAN/PROFILE ~ BOOK NOS. 93-80						
	By	Checked	Date		BY	CHE
Surveyed	T.CULBREATH		2/94	Designed	R.T. HALL	P
Plotted				Drawn	J.LAURENT	
Alignment				Quantities	J.LAURENT	P
Right of Way						
Scale: 1" = 50'						



D.E.P.
JUN 29 1999
Southwest District Tampa

MANATEE COUNTY GOVERNMENT Public Works Department

June 25, 1999

Kim Ford, P.E., Division of Waste Management
Florida Department of Environmental Protection
South West District
3804 Coconut Palm Drive
Tampa, Florida 33619

Re: Draft Permit Review
Pending Permit No.: 39884-001-SO

Dear Mr. Ford:

Public Works staff have reviewed the above noted draft permit and offer the following for your consideration.

14. Waste Handling Requirements:

- b. Alternate Initial Cover: As included in Modification No. 300416 to Operation Permit Number SO41-211176, The Manatee County Public Works Department is requesting the fines produced from yard/wood trash processing continue to be included as an approved alternate initial cover with the pending Permit renewal.
- c. Intermediate Cover: The Manatee County Public Works Department is requesting the mulch (clean of debris) produced from yard/wood trash processing be included as an approved alternate intermediate cover with the pending Permit renewal.

27. Liner Location

As you are aware, the slurry wall is located beneath the Landfill's perimeter roads. To flag these locations either on the perimeter roads or with an off-set location poses both traffic and/or maintenance, i.e. mowing, concerns. The Manatee County Public Works Department is requesting Specific Condition 27., Liner Location, be excluded from the proposed Permit in that the Landfill's perimeter roads will act as a boundary for the liner/slurry wall location.

As requested, Public Works staff has verified the existence of gas well no. 7 and all points and wells on the attached list are read.

Draft Permit Review
Pending Permit No.: 39884-001-SO
June 25, 1999
Page Two

Your consideration and assistance in the above noted matters is greatly appreciated. If you require further information as this time, please contact this office at 941/792-8811.

Sincerely,

A handwritten signature in black ink, appearing to read "Len Bramble".

Len Bramble, P.E.
Public Works Director

LB/gp

cc: Bob Butera, P.E., FDEP
Daniel T. Gray, Utilities Operations Manager
Gus DiFonzo, Solid Waste Manager ~~HA~~
C. Michael Gore, Landfill Superintendent



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

June 28, 1999

Mr. Len Bramble, P.E.
Public Works Director
Manatee County
4410 - 66th Street West
Bradenton, FL 34210

Re: Stormwater Management System Improvements
Certification of Construction Completion
Permit No.: SO41-211176, Manatee County
Pending Permit No.: 39884-001-SO

Dear Mr. Bramble:

On May 21 and June 11, 1999, inspections of the above referenced facility relative to construction completion and adherence to the permit issued by the Florida Department of Environmental Protection (FDEP) was made by Gus DiFonzo and Mike Gore (Manatee County) and Kim Ford (FDEP).

Certification of Construction Completion for the stormwater management system improvements dated June 17, 1999 was received by the Department on June 21, 1999. Based on the certification, and record drawings, FDEP approves the certification of the above referenced facility in accordance with the conditions of the current permit #SO41-211176.

The stormwater management system shall be operated and maintained as described in the Stormwater/Leachate Management Plan dated November 1998.

If you have any questions you may call me at (813) 744-6100, extension 382.

Sincerely,

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

KBF/ab

cc: Gus DiFonzo, Manatee County
Clayton Barth, P.E., Manatee County
Robert Butera, P.E., FDEP Tampa

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 6/22/99 Subject Lena Rd - SW Mon Pts
Time 10 Permit No. _____
County Manatee
M. ~~Ed Hottelway~~ Fred Sebesta Telephone No. 282-2402
Representing HDR
☒ Phoned Me ☒ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting
Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

Upstream surface water monitoring point does not necessarily connect w/ Cypress Strand

Thurs - 1pm looking at surface water

Discussed sampling Cypress Strand west of landfill, S. of Stage III. They should be out of the landfill's influence there, & from the maps it looks recessed wet. They will have to check & see where it is accessible.

(continue on another
sheet, if necessary)

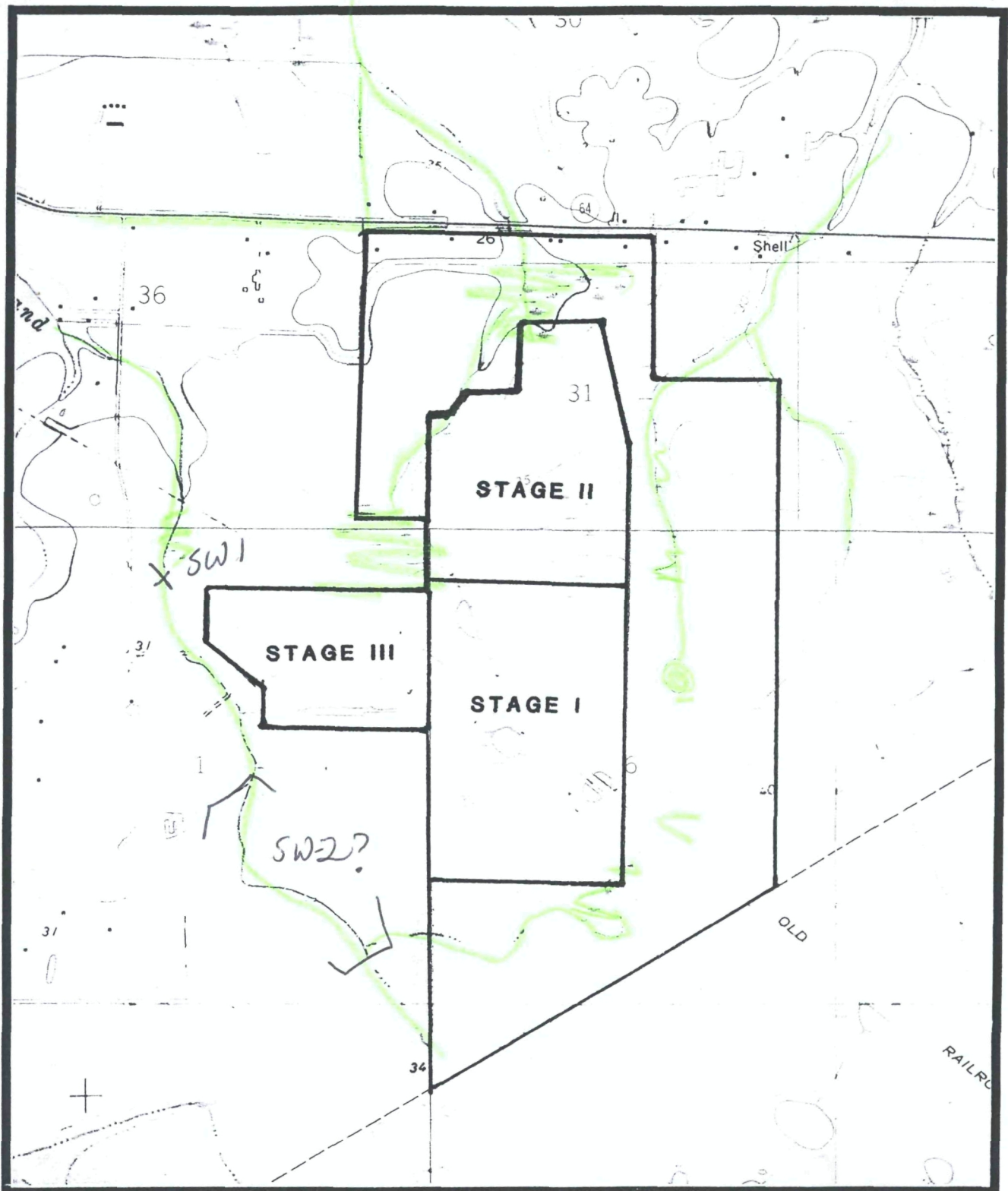
Signature

A. Amman

Title

PG /

APPROXIMATE SITE LOCATION



NOTE: THIS MAP TAKEN FROM USGS QUADRANGLE MAP

MAP NAME: LORRAINE
DATE: 1973
SECTION 1, TOWNSHIP 35 SOUTH, RANGE 18 EAST
SECTION 6 AND 7, TOWNSHIP 35 SOUTH, RANGE 19 EAST
SECTION 31, TOWNSHIP 34 SOUTH, RANGE 19 EAST

SITE VICINITY MAP



ACTION

To: Kim Ford, DEP Date: 6-17-99

From: Clay Barth _____ Date Out _____ Initials _____

Re: Record Drawings

- ☒ For your information
☐ For your approval
☐ For your signature
☐ Prepare reply for signature of _____

- ☐ For your comments
☐ Please handle
☐ Recommend we discuss
☒ As requested
☐ Please file

Comments:

Sent Record Drawings and Engineer's Certification of Completion as requested.

D.E.P.

JUN 21 1999

Seagraves, District Tampa



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

DEP Form # 62-701.9002
Form Title Certification of Construction Completion
Effective Date May 19, 1994
DEP Application No. _____
(Filed by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

DEP Construction Permit No: 39884-001-SO County: Manatee
Name of Project: Lena Rd. Landfill Stormwater Ditch Liner
Name of Owner: Manatee Co. Board of County Commissioners
Name of Engineer: Clayton L. Barth, P.E. Reg. No. 40299
Type of Project: Landfill Stormwater Conveyance, detention.
and filtration facilities.
Cost: Estimate \$ None Actual \$ 600,000 ±
Site Design: Quantity: (Not Applicable) ton/day Site Acreage: 150 Acres
Deviations from Plans and Application Approved by DEP: See attached
sheet: "Engineer's Statement of Deviations from
Plans and Application Approved by DEP".

Address and Telephone No. of Site: 3333 Lena Rd., Bradenton,
Florida 34202, (941) 748-5543

Name(s) of Site Supervisor: Gus DiFonzo, Mike Gore

Date Site inspection is requested: Site Inspection Completed 6-14-99 and 5-27-99.

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Permit No.: 39884-001-SO Dated: August 13, 1998

Date: June 17, 1999

Clayton L. Barth
Signature of Professional Engineer
NO. 40299

Page 1 of 1

STATE OF
FLORIDA

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
JUN 21 1999
SOUTHWEST DISTRICT
TAMPA

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
904-444-8360

Northeast District
7825 Baymeadows Way, Ste. B200
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32833-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3881
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-631-5500

**ENGINEER'S STATEMENT OF DEVIATIONS
FROM PLANS AND APPLICATION APPROVED BY DEP**

DEP Construction Permit No: 39884-001-SO

Date of Construction Permit: August 13, 1998

Name of Project: Lena Road Landfill Stormwater Ditch Liner

Project Location: Lena Road Landfill, Manatee County

Name of Engineer: Clayton L. Barth, P.E., Reg. No. 40299

The following items are portions of the project that were not built in substantial accordance with the approved plans:

1. In accordance with the DEP letter dated January 25, 1999, the ditch from Sta. 14+19 to Sta. 41+35 was lined with a clayey material of unknown permeability, and the placement of this material did not conform to the geometry specified on the plans for the clay ditch liner.
2. From Sta. 7+73 to Sta. 8+80, the ditch bottom grade leading into the filtration basin is higher than the grade specified on the plans.
3. From Sta. 12+85 to Sta. 13+80, the clay ditch liner material installed returned an average test permeability of 4.9×10^{-4} cm/sec, which is greater than the permeability required by the plans. Also, this material was installed without a protective soil covering layer, and such an installation does not conform to the geometry required by the plans.
4. The grout used to fill the existing discharge pipe and the slurry wall crossing pipe in the vicinity of Sta. 14+00 was a 3500 psi Chatt Pump Concrete mix. This mix does not conform to the Bentonite Grout mix that was required by the plans.

LENA RD LE
ford 6/11/44



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JUN/11/99 11:32 ID749-067 <20> ORL

Handwritten signature



LENA
RD CE

B.25 MGvh FFh BUvh AIn PAh PQ1 Chr
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LENA
RD CE

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JUN/11/99 11:02 ID749-067 <19> ORL



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25

LEAD 15

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LEAD 20 CF

EL25 MGuh FFn BUwh AIn PAh PQ1 CHR
JUN/11/99 10:24 ID749-067 <15> ORL

Department of
Environmental Protection

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

INFORMATION REQUEST

TO:

Chris D'Amico

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

COMMENTS:

YOUR COPY OF DRAFT OPS
PERMITS PLEASE REVIEW AND
CALL IF OK OR WITH COMMENTS.
THX Kim
6/11/99

Stored stormwater is discharged into a stormwater treatment system outside the slurry wall which is used to maintain an inward gradient.

Replaces Permit No.: S041-211176

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.

action

DRAFT

David B. Struhs
Secretary

IDENTIFICATION

4041C02025

39884-001-SO

Issue:

Date: 06/15/2004

Manatee

27°28'00"N

82°27'00"W

Location: 1, 6 & 31/34S/19E

Manatee County Solid
Waste Management
Facility - Lena Road
Landfill

Chapter 403, Florida

Sections 62-4, 62-330, 62-520,
as hereby authorized to
review the application and
attached hereto or on
and specifically

storage, and related
as the Manatee County
landfill, subject to the
management and disposal
at Lena Road, Bradenton,

Facility

designed with a slurry
to maintain an inward
leachate storage pond
and leachate is pumped to
stormwater runoff is
retention pond.



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

DRAFT

David B. Struhs
Secretary

PERMITTEE

Manatee County
c/o Mr. Len Bramble, P.E.
Director of Public Works
4410 66th Street West
Bradenton, FL 34210

PERMIT/CERTIFICATION

GMS ID No: 4041C02025
Permit No: 39884-001-SO
Date of Issue:
Expiration Date: 06/15/2004
County: Manatee
Lat/Long: 27°28'00"N
82°27'00"W
Sec/Town/Rge: 1, 6 & 31/34S/19E
Project: Manatee County Solid
Waste Management
Facility - Lena Road
Landfill

DRAFT

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-330, 62-520, 62-522, 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 with leachate storage, and related facilities (approximately 300 acres), referred to as the Manatee County Solid Waste Management Facility - Lena Road Landfill, subject to the specific and general conditions attached, for management and disposal of solid waste and leachate, located at 3333 Lena Road, Bradenton, Manatee County, Florida.

1. Class I Landfill and Leachate Storage Facility

General Information: This is a Class I landfill designed with a slurry wall and leachate collection and removal system to maintain an inward gradient. Collected leachate is discharged to a leachate storage pond that is contained within the slurry wall. Stored leachate is pumped to the adjacent WWTP for treatment. Uncontaminated stormwater runoff is separately collected, and stored in a stormwater retention pond. Stored stormwater is discharged into a stormwater treatment system outside the slurry wall which is used to maintain an inward gradient.

Replaces Permit No.: SO41-211176

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.

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

PERMITTEE: Manatee Coun
c/o Mr. Len Bramble, P.E.

PERMIT NO: 884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

DRAFT

SPECIFIC CONDITIONS:

1. **Landfill Designation.** This site shall be classified as a Class I landfill and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-330, 62-520, 62-522 and 62-701, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

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

- Sequential Filling Plan by HDR dated March 1997, received March 28, 1997;
- Landfill Operation Permit Renewal Application dated December 31, 1997 and supporting information by HDR received December 31, 1997;
- Groundwater Monitoring Plan Biannual Evaluation, dated December 31, 1997, received January 9, 1998;
- Operation Plan by HDR dated November 5, 1998 and Stormwater/Leachate Management Plan by Manatee County dated November 1998, received December 8, 1998;
- Replacement pages and Household Hazardous Waste Collection Plan dated April 7, 1999 received April 9, 1999;
- and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.** Any construction, operation or other activities subject to Department Solid Waste Regulations not previously approved as part of this permit may require a separate Department permit unless the Department determines a permit modification to be more appropriate, or unless otherwise approved in writing by the Department. 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.** No later than one hundred eighty (180) 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. 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 by the activities at this facility.

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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.

- a. White goods and scrap metal that are held for the purposes of recycling shall be held no longer than one hundred and eighty (180) days, and shall be stored in a manner so as to prevent the discharge of CFCs and other residuals which may cause air or groundwater pollution. White goods with CFC's (freon) shall be stored in an upright position. Surface water shall be diverted away from all storage or holding areas.
- b. 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.
- c. Yard trash and clean wood accepted at the site shall be processed for recycling or removal for disposal within six months of receipt, unless otherwise approved in writing by the Department.

7. **Landfill Operation Requirements.** The permittee shall operate this facility in accordance with F.A.C. 62-701.500, Landfill Operation Requirements, and the Operation Plan by HDR.

8. **Operating Personnel.** As required by F.A.C. 62-701.500(1), at least one trained operator, shall be at the landfill at all times when the landfill receives waste. The trained operator shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed as noted in the operations plan to adequately operate the facility. At least one trained spotter shall be at the working face at all times when waste is received. The owner or operator shall ensure that each operator shall receive 20 hours of initial training and 15 hours of continued training within three years of the operator's initial training, and each spotter shall receive 8 hours of initial training and 8 hours of continued training within three years of the spotter's initial training. 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.

DRAFT

DRAFT

SPECIFIC CONDITIONS:

9. **Operation Plan and Operating Record.** The landfill 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. The Department shall be notified of changes to the operational plan. The plan shall be updated as operations change and for renewal of the permit. 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 Sequential Filling Plan by HDR.
11. **Waste Records.** Waste quantity records shall be compiled monthly as described by F.A.C. 62-701.500(4) and made available to the Department upon request.
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), including a load checking program and associated activities.
- a. The permittee shall not knowingly 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. Sludges or other wastes which may be hazardous should be disposed of in accordance with F.A.C. 62-701.300(4) and 62-701.500(6)(b).
 - b. The operating authority shall maintain a program which prohibits the disposal of bulk industrial wastes which operating personnel reasonably believe to either be or contain hazardous waste, without first obtaining a chemical analysis of the material showing the waste to be non-hazardous. The chemical analysis of any such material so placed in the landfill, along with the 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.

DRAFT

SPECIFIC CONDITIONS:

DRAFT

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.

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 leachate, and unnecessary use of cover material. The permittee shall maintain the working face of a cell only wide enough to efficiently accommodate the maximum quantity of vehicles discharging waste simultaneously 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.

16. Final Cover. Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed (shall receive final cover) 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 Stormwater/ Leachate Management Plan by Manatee County.

a. Each pump 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 repaired, and a replacement pump installed if required for continued compliance. Documentation of all inspections shall be kept on file at the facility.

b. Leachate generation reports shall be compiled monthly and submitted to the Department semi-annually by January 15th and July 15th or more frequently if requested. Leachate generation reports shall include the number of open, intermediate and closed acres, and the quantities of leachate collected, stored, recirculated and disposed off-site, and hauled/piped off-site to a wastewater treatment facility, and daily precipitation amounts greater than one tenth of an inch.

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SPECIFIC CONDITIONS:

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c. No later than one hundred and eighty (180) days prior to permit expiration, the entire leachate collection and removal system, force mains and gravity pipelines, shall be visually or video inspected and pressure tested where possible to verify adequate performance. Components not performing adequately shall be cleaned and/or repaired. The results of the inspection and testing shall be submitted to the Solid Waste Section of the Southwest District Office to demonstrate adequate performance prior to permit renewal.

18. Gas Monitoring. Landfill gas shall be monitored as required by F.A.C. 62-701.500(9), 62-701.400(10), and the Operation Plan. The results of quarterly monitoring shall be submitted by January 15th, April 15th, July 15th and October 15th each year.

19. Gas Monitoring Locations. Gas monitoring wells GMW 1 through 18, and GMP 1 through 6 and 8 as shown on Figure K-3 attached shall be sampled quarterly for the Lower Explosive Limit (LEL) of methane, as described in F.A.C. Rule 62-701.400(10)(c).

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 and 62-330. The system shall minimize stormwater from entering waste filled areas and avoid the mixing of stormwater with leachate. All stormwater conveyances shall be inspected at least weekly to verify adequate performance. Conveyances not performing adequately shall be repaired within three (3) working days. Documentation of all inspections and repairs shall be kept on file at the facility.

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

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. 62-296.401(6). Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department of Environmental Protection.

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PERMITTEE: Manatee Coun
c/o Mr. Len Bramble, P.E.

PERMIT NO: 884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

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24. **Closure Permit Requirements.** No later than one hundred eighty (180) days prior to the date when wastes will no longer be accepted for active portions of the landfill which have reached closure designed dimensions, the landfill owner or operator shall submit a closure permit application to the Department in order to assure conformance with all applicable Department rules.

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 disease vectors such as mosquitoes and rodents so as to protect the public health and welfare.

27. **Liner Location.** The top of the slurry wall shall be clearly flagged in as many locations as required to prevent waste disposal and leachate runoff outside the slurry wall. The flagging or staking markers shall be maintained at all times.

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, surface water monitoring locations, gas collection and monitoring system repairs, repair and maintenance of leachate collection and removal systems, and maintenance of the leachate storage and stormwater treatment facilities. In the event of damage to any portion of the site facilities regulated by this permit or failure of any part of the related 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. Routine maintenance does not require notification but shall be noted on daily reports.

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PERMITTEE: Manatee Count
c/o Mr. Len Bramble, P.E.

PERMIT NO: 384-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

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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 Quality Assurance Plan to meet the requirements of F.A.C. Chapter 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 whenever the sampling or analytical companies change. 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. Rule 62-4.246 and Chapter 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 the site shall extend horizontally 100 feet from the limits of the landfill or to the property boundary, whichever is less, and shall extend vertically to the bottom of the first confining unit.
- b. The permittee shall ensure that the water quality standards for Class G-II groundwaters will not be exceeded at the boundary of the zone of discharge according to F.A.C. Rule 62-520.420, and that the minimum criteria listed in F.A.C. Rule 62-520.400 will not be exceeded outside the landfill's slurry wall.

31. Leachate Sampling. Leachate shall be sampled from each leachate pump station that receives flow from waste filled areas. Samples shall be collected prior to pumping and composited into one sample for analysis. Leachate shall be analyzed every 6 months for the following monitoring parameters:

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c/o Mr. Len Bramble, P.E.

PERMIT NO: 384-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

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Field parameters

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

Laboratory parameters

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

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

32. Surface Water Sampling.

a. The surface water monitoring stations are located as follows:

<u>SURFACE WATER</u>	<u>SAMPLE TYPE</u>	<u>LOCATION</u>
SW1	Downstream	Cypress Strand
SW2	Upstream	Cypress Strand

All locations are shown on attached drawing titled "Surface Water Monitoring Locations".

A surveyed drawing shall be provided for all staff gauges installed at all surface water sampling locations by October 15, 1999. The survey shall show all locations in degrees, minutes and seconds of latitude and longitude, the Universal Transverse Mercator Coordinates, and the gauge elevation to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the surface water sampling locations. The survey shall be conducted by a registered land surveyor.

b. Surface water monitoring stations shall be sampled in accordance with F.A.C. 62-701.510(6)(d) every six months, for the following parameters:

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Not
RECEIVED

PERMITTEE: Manatee Count
c/o Mr. Len Bramble, P.E.

PERMIT NO: 884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

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Field parameters
Specific Conductivity
pH
Dissolved Oxygen
Turbidity
Temperature
Colors and sheens
(by observation)

Laboratory parameters
Unionized Ammonia
Total Hardness
Biochemical Oxygen Demand (BOD₅)
Copper
Iron
Mercury
Nitrate
Zinc
Total Dissolved Solids (TDS)
Total Organic Carbon (TOC)
Fecal Coliform
Total Phosphorous
Chlorophyll A
Total Nitrogen
Chemical Oxygen Demand (COD)
Total Suspended Solids (TSS)
Those parameters listed in
40 CFR Part 258, Appendix I

33. Gradient Monitoring. Monitoring points are located on Figure 2 of the Stormwater/Leachate Management Plan, attached. Monthly, the hydraulic gradient across the slurry wall shall be measured at the following monitoring points:

Interior Monitoring Point

PZ-1
PZ-2
PZ-3
PZ-4A
PZ-5
PZ-6
PZ-7
PZ-8
PZ-9
PZ-10
PZ-11
PZ-12
PZ-13
PZ-14
PZ-15B
PZ-16
PZ-17
PZ-18
PZ-19

Exterior Monitoring Point

MW-5
MW-2
MW-1
CW-4
CW-5A
SG-1
MW-6
LR11-5
LR11-4
LR11-2
LR11-1
GC-2
GC-3
GC-4
PZ-15A
PZ-16A
SG-2
SG-3
PZ-11

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PERMITTEE: Manatee County
c/o Mr. Len Bramble, P.E.

PERMIT NO: 884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

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SPECIFIC CONDITIONS:

These points shall be monitored monthly for water levels to an accuracy of 0.01 feet. Results of the monthly monitoring shall be submitted by the 15th day of the following month. An inward gradient shall be maintained across the slurry wall. If an outward gradient exists, steps for correcting the gradient shall be included with the related monthly data. Damaged gradient monitoring points shall be replaced within thirty (30) days to ensure continuous monthly monitoring at all points.

34. **Groundwater Monitoring Well Locations.** The Groundwater Monitoring System is designed and constructed in accordance with the "Water Quality and Leachate Monitoring Plan - Part I dated July 31, 1998. The groundwater monitoring wells are located as per Figure 2 attached of the Stormwater/Leachate Management Plan.

<u>WELL NUMBER</u>	<u>AQUIFER</u>
LR11-1	Surficial (detection/compliance)
LR11-2	Surficial (detection/compliance)
LR11-3	Surficial (detection/compliance)
LR11-4	Surficial (detection/compliance)
LR11-5	Surficial (detection/compliance)
MW-1	Surficial (background)
MW-2	Surficial (detection/compliance)
MW-3	Surficial (detection/compliance)
MW-5	Surficial (detection/compliance)
MW-6	Surficial (detection/compliance)
CW-4	Surficial (compliance)
CW-5A	Surficial (detection/compliance)
GC-1A	Surficial (detection/compliance)
GC-2	Surficial (detection/compliance)
GC-3	Surficial (detection/compliance)
GC-4	Surficial (detection/compliance)
GC-5	Surficial (detection/compliance)
GC-6	Surficial (background)
SMR-1	Surficial (background)
SA-2	Artesian (Deep) (detection/compliance)
SA-3	Artesian (Deep) (detection/compliance)
SA-4	Artesian (Deep) (detection/compliance)
SA-5	Artesian (Deep) (detection/compliance)
SA-6	Artesian (Deep) (detection/compliance)
SA-7	Artesian (Deep) (detection/compliance)
SA-8	Artesian (Deep) (detection/compliance)
SMR-2	Artesian (Deep) (background)

All wells are to be clearly labeled and easily visible at all times. The permittee should keep all wells locked to prevent unauthorized access.

35. **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:

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SPECIFIC CONDITIONS:

Field parameters

Static Water Level
before purging
Specific Conductivity
pH
Dissolved Oxygen
Turbidity
Temperature
Colors and sheens
(by observation)

Laboratory parameters

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

Water levels shall be measured in all site wells listed in
Specific Conditions No. 33.

Additional samples, wells, and parameters may be required based
upon subsequent analysis. Method detection limits must meet, or be
lower than that parameter's Maximum Contaminant Level in order to
demonstrate compliance with groundwater standards.

36. **Groundwater Monitoring Well Construction.** Prior to construction of
any new wells, the permittee shall request and receive Department approval
of a minor permit modification, unless otherwise approved in writing by
the Department.

a. Documentation of the following for each well installed:

Well Identification	Boring (Lithology) Log
Aquifer monitored	Total depth of well
Screen type and slot size	Casing diameter
Screen length	Casing type and length
Screen diameter	SWFWMD well construction
Elevation at top of casing	permit Nos.
Elevation at ground surface	Well seal and filter pack
Well development method and duration	type and thickness

b. Within one week of well completion and development, each
new well shall be sampled for the parameters listed in F.A.C.
Rules 62-701.510(8)(a) and (d), to establish initial groundwater
quality for each new well.

c. A surveyed drawing shall be submitted in accordance with
F.A.C. Rule 62-701.510(3)(d)(1), showing the location of all
monitoring wells (active and abandoned) horizontally located in
degrees, minutes and seconds of latitude and longitude, the
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 numbers, 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.

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PERMITTEE: Manatee Co
c/o Mr. Len Bramble, P.E.

PERMIT N 39884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

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37. **Well Abandonment.** All wells and piezometers not a part of the approved Water Quality Monitoring Plan shall be plugged and abandoned in accordance with F.A.C. Rule 62-532.440, and the Southwest Florida Water Management District (SWFWMD). The permittee shall submit a written report to the Department documenting verification of the well abandonment within 90 days of abandonment. Documentation of abandonment shall include a map showing piezometer/well locations and SWFWMD abandonment records. A written request for exemption to the abandonment of a well must be submitted to the FDEP's Solid Waste Section for approval.

38. **Verification/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 within receipt of the laboratory data 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. Rule 62-701.510(7) may be required.

39. **Water Quality and Leachate Reporting Requirements.** All ground water and surface water quality monitoring and leachate analyses shall be reported on the Department Form 62-522.900(2), Ground Water Monitoring Report (attached). The permittee shall submit to the Department the results of the water quality and leachate analysis July 15th and January 15th for the semi-annual periods January-June and July-December, respectively. The items listed in F.A.C. Rule 62-701.510(9)(a), including but not limited to a groundwater flow contour map representing conditions at the time of groundwater sampling shall be submitted with each set of analytical results. All exceedances of water quality standards shall be noted. The results shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318; and also to: Solid Waste Section, Department of Environmental Protection, 3900 Commonwealth Boulevard, M.S. 4565, Tallahassee, FL 32399-3000.

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40. Groundwater Monitoring Plan Evaluation.

Every two years and prior to 180 days before the expiration of the Department Permit, the permittee shall submit an evaluation of the Groundwater Monitoring Plan as described in 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 evaluations shall be submitted to the Solid Waste Section of the Department by December 15, 2001 and December 15, 2003.

41. 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.

42. 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.

43. 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.

44. Regulations. F.A.C. 62-701, effective April 23, 1997, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

45. Air Requirements.

a. An air construction permit is not required for the landfill unless landfill construction or any modification is subject to the prevention of significant deterioration (PSD) requirements of Chapter 62-212, F.A.C. A landfill for which construction or modification is subject to PSD requirements must make application to the Bureau of Air Regulation, Mail Station 5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, for an air construction permit and must obtain such permit prior to beginning any construction or modification.

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PERMITTEE: Manatee County
c/o Mr. Len Bramble, P.E.

PERMIT NO: 184-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

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SPECIFIC CONDITIONS:

b. An air operating permit is not required unless the landfill is required to obtain a Title V air operating permit (Title V permit) pursuant to Section 403.0872, F.S. A landfill is required to obtain a Title V permit if the landfill (or the total facility, if the landfill is collocated or part of a larger facility) has the potential to emit 10 TPY of any hazardous air pollutant, 25 TPY of any combination of hazardous air pollutants or 100 TPY of any other regulated air pollutant. A landfill is also required to obtain a Title V permit if the maximum design capacity, as defined at 40 CFR 60, Subpart WWW, is equal or greater than 2.5 million Megagrams or 2.5 million cubic meters. Title V permits must be applied for in accordance with the timing and contact requirements of Rule 62-204.800, F.A.C. and Chapter 62-213, F.A.C. Title V applications shall be submitted to the District Air Program Administrator or County Air Program Administrator with air permitting authority for the landfill location.

c. The landfill shall comply with the requirements of 40 CFR 60, Subpart WWW and CC, as adopted by reference at Rule 62-204.800, F.A.C. Any amended design capacity report and any Non-Methane Organic Compound (NMOC) emission rate report, as applicable, pursuant to 40 CFR 60.757(a)(3) and (b) shall be submitted to the Division of Air Resources Management, Department of Environmental Protection, Mail Station 5500, 2600 Blair Stone Road, Tallahassee, FL 32399-2400.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

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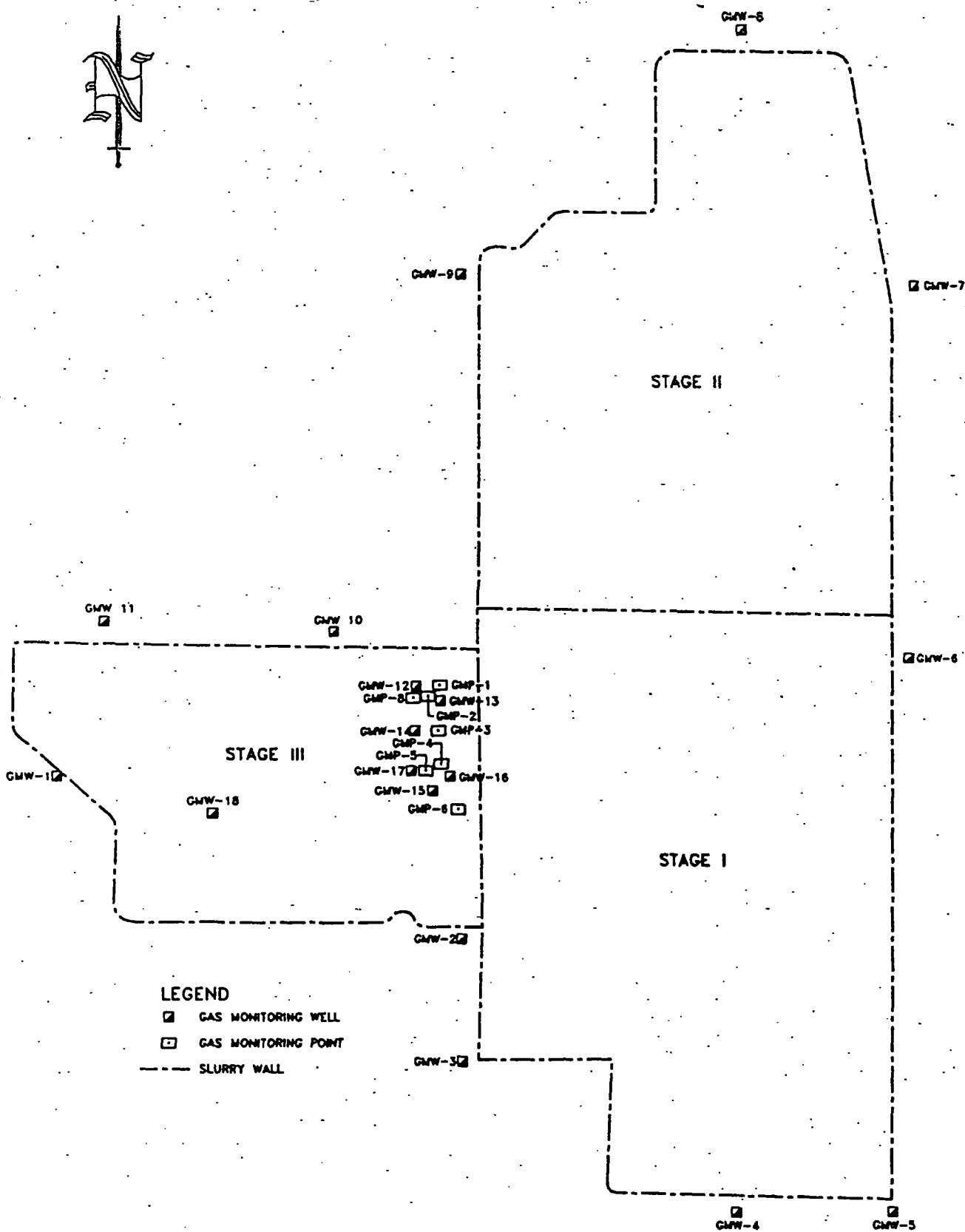
Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

PERMITTEE: Manatee County
c/o Mr. Len Bramble, P.E.

PERMIT NO: 384-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

Attachment 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4., 17.c.	180 days prior to permit expiration	Permit Renewal Application LCRS Inspection
18.	Quarterly, by January 15th, April 15th, July 15th, and October 15th	Gas monitoring results
25.	Annually, by September 1st	Financial assurance cost estimates
31.	Every 6 months	Leachate sampled/analyzed
31.	Annually	Leachate sampled/analyzed for 40 CFR Part 258, Appendix II parameters
32.b.	Every 6 months	Surface Water sampled/ analyzed
33.	Monthly, by the 15th	Gradient Monitoring Report
35.	Every 6 months	Groundwater wells sampled/ analyzed
39.	Semi-annually, by January 15th, and July 15th	Water quality and leachate monitoring results
40.	December 15, 2001 and December 15, 2003	Evaluation of groundwater monitoring plan



LANDFILL GAS MIGRATION
MONITORING LOCATIONS

MANATEE COUNTY

FLORIDA

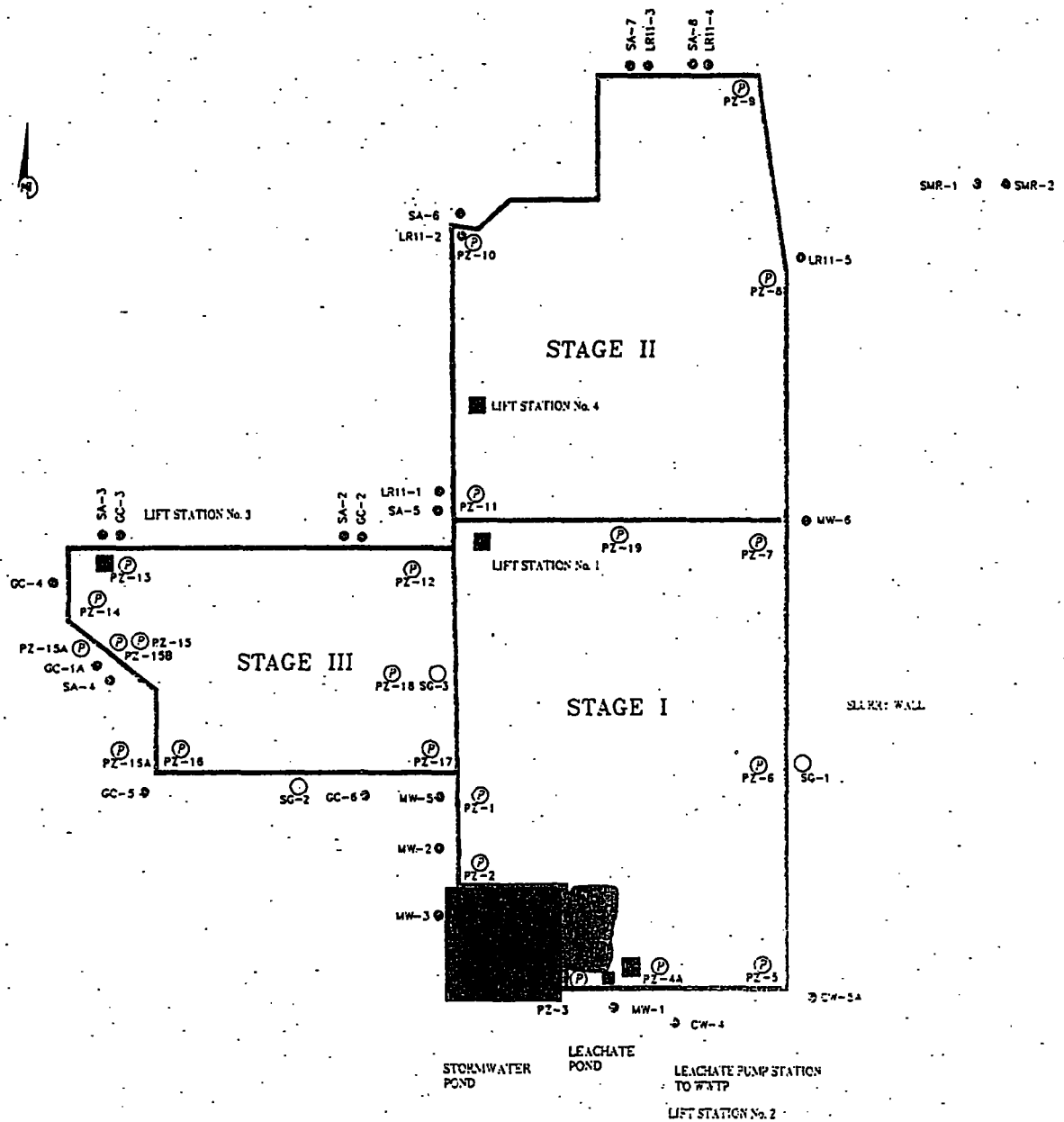
FIG NO.
K-3

DATE
NOV 1998

STORMWATER LEACHATE MANAGEMENT PLAN

LENA ROAD LANDFILL

MANATEE COUNTY



MANATEE COUNTY
PUBLIC WORKS
DEPARTMENT

OPERATIONS PERMIT APPLICATION: AUGUST, 1998

FIGURE 2

Florida Department of Environmental Protection

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2460

DEP Form # 62-522.600(11)
Form Title <u>GROUND WATER MONITORING REPORT</u>
Effective Date _____
DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name _____
Address _____
City _____ Zip _____
Telephone Number (____) _____
- (2) The GMS Identification Number _____
- (3) DEP Permit Number _____
- (4) Authorized Representative Name _____
Address _____
City _____ Zip _____
Telephone Number (____) _____
- (5) Type of Discharge _____
- (6) Method of Discharge _____

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: _____
Signature of Owner or Authorized Representative _____

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # _____

Analytical Lab Comp QAP #/HRS Certification # _____

 * Comp QAP #/HRS Certification # _____

Lab Name _____

Address _____

Phone Number (____) _____

PART III ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: _____

Test Site ID #: _____

Report Period: _____ (year/quarter)

Well Name: _____

Well Purged (Y/N): _____

Classification of Ground Water: _____

Well Type: () Background
() Intermediate
() Compliance
() Other

Ground Water Elevation (NGVD): _____

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units

Solid Waste Permit
QA/QC Construction Inspection Form

Facility: LENA ROAD LANDFILL

Inspecting Engineer: K Ford

Date Inspected: 6/11/99

Inspection Type:	Permitting	Construction
	<input checked="" type="checkbox"/>	QA/QC
		<input checked="" type="checkbox"/>

Facility Type: CLASS I LANDFILL

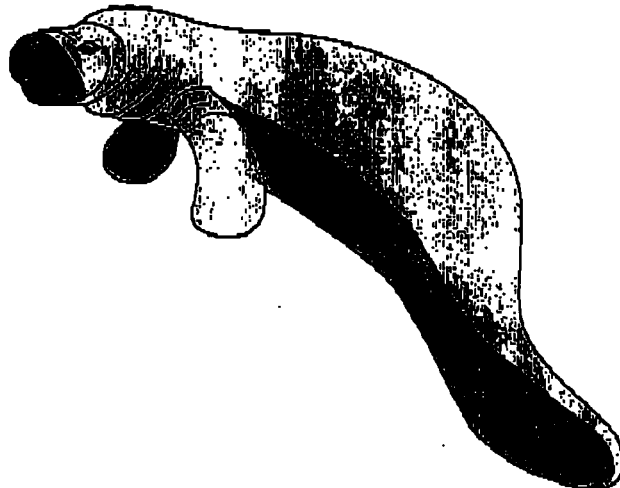
OBSERVED AT THE STORMWATER SYSTEM
SYSTEM COMPLETES AND STORMWATER PUMPS
THAT FROM POND TO FILTER SYSTEM TO OUTFALL DITCH
AND PROBLEMS

Fill out the above documenting all inspections of facilities for permitting and/or construction QA/QC purposes. Please place in my basket within 3 days of inspections.



MANATEE COUNTY GOVERNMENT

Public Works Department



FACSIMILE COVER MEMO

FAX # (941) 795-3490

FAX # (IN-CTY) X5490

PLEASE DELIVER THE FOLLOWING PAGE(S)

TO: KIM FORD (FAX # (813) 744-6125)

ADDRESS: FDEP

FROM: GUS DiFONZO EXT. (941) 795-3473

DATE: 6/8/99 TIME TRANSMITTED: NOON / 12:00

SUBJECT: REPORTS / PERMIT RENEWAL

PLEASE CALL UPON RECEIPT _____ PLEASE HANDLE CONFIDENTIALLY _____

COMMENTS: CORRECTED COPIES / WATER BALANCE REPORTS COMPLETED. CORRECTED YEARLY SUMMARY
BEING COMPLETED AS I FAX. MAY REPORTS WILL BE COMPLETED TODAY. WILL FAX EVERYTHING
TO YOU LATER TODAY. AS SCHEDULED, DELIVERIES OF SAND BEGAN ARRIVING TODAY AT THE LANDFILL.
MIKE IS WORKING WITH SURVEY DEPARTMENT TO HAVE STAFF GAUGES 1 & 2 INSTALLED. WE HAVE NOTED
TO READ ALL STAGE ETC EACH WEEK AND WE NEED ALL READINGS INCLUDING STAFF GAUGES TO SHOW
ALL INWARD PRIOR TO ISSUING PERMIT.

TOTAL NUMBER OF PAGES INCLUDING COVER MEMO: 1

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL AS SOON AS POSSIBLE.

permit 6.6

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 6/8/99

Subject Lena Road LF

Time 2

Permit No. _____

County Manatee

M Gus Di Fonzo

Telephone No. 941/792-8811

Representing Manatee Co

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

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

Fig 2 - Ops Permit Application - August 1998
Please add SW1 & SW2 (arrow & distance noted will
be fine) on a figure - please locate on a quad
for us - Fig 1 of geom eval is topo

Left message for him to call me

He will have HDR call me

(continue on another
sheet, if necessary)

Signature AAmram

Title PG 1



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Manatee County
c/o Mr. Len Bramble, P.E.
Director of Public Works
4410 66th Street West
Bradenton, FL 34210

PERMIT/CERTIFICATION

GMS ID No: 4041C02025
Permit No: 39884-001-SO
Date of Issue:
Expiration Date: 06/15/2004
County: Manatee
Lat/Long: 27°28'00"N
82°27'00"W
Sec/Town/Rge: 1, 6 & 31/34S/19E
Project: Manatee County Solid
Waste Management
Facility - Lena Road
Landfill

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-330, 62-520, 62-522, 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 with leachate storage, and related facilities (approximately 300 acres), referred to as the Manatee County Solid Waste Management Facility - Lena Road Landfill, subject to the specific and general conditions attached, for management and disposal of solid waste and leachate, located at 3333 Lena Road, Bradenton, Manatee County, Florida.

1. Class I Landfill and Leachate Storage Facility

General Information: This is a Class I landfill designed with a slurry wall and leachate collection and removal system to maintain an inward gradient. Collected leachate is discharged to a leachate storage pond that is contained within the slurry wall. Stored leachate is pumped to the adjacent WWTP for treatment. Uncontaminated stormwater runoff is separately collected, and stored in a stormwater retention pond. Stored stormwater is discharged into a stormwater treatment system which is used to maintain an inward gradient. *outside the slurry wall*

Replaces Permit No.: SO41-211176

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.

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

Adison

PLEASE MARK UP
WITH YOUR
CHANGES

AA 6/6 5/5/99
THE EN

Adison
any changes
before
I fax?
yes, and
repacking form

SPECIFIC CONDITIONS:

1. **Landfill Designation.** This site shall be classified as a Class I landfill and shall be operated in accordance with all applicable requirements of Chapters 62-4, 62-330, 62-520, 62-522 and 62-701, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.

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

- Sequential Filling Plan by HDR dated March 1997, received March 28, 1997;
- Landfill Operation Permit Renewal Application dated December 31, 1997 and supporting information by HDR received December 31, 1997;
- Operation Plan by HDR dated November 5, 1998 and Stormwater/Leachate Management Plan by Manatee County dated November 1998, received December 8, 1998;
- Replacement pages and Household Hazardous Waste Collection Plan dated April 7, 1999 received April 9, 1999;
- and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.** Any construction, operation or other activities subject to Department Solid Waste Regulations not previously approved as part of this permit may require a separate Department permit unless the Department determines a permit modification to be more appropriate, or unless otherwise approved in writing by the Department. 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.** No later than one hundred eighty (180) 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. 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 by the activities at this facility.

- Groundwater Monitoring Plan Biannual Evaluation, dated Dec 31, 1997, received Jan 9, 1998;

SPECIFIC CONDITIONS:

c. No later than one hundred and eighty (180) days prior to permit expiration, the entire leachate collection and removal system, force mains and gravity pipelines, shall be visually or video inspected and pressure tested where possible to verify adequate performance. Components not performing adequately shall be cleaned and/or repaired. The results of the inspection and testing shall be submitted to the Solid Waste Section of the Southwest District Office to demonstrate adequate performance prior to permit renewal.

18. **Gas Monitoring.** Landfill gas shall be monitored as required by F.A.C. 62-701.500(9), 62-701.400(10), and the Operation Plan, ~~and Figure K-3~~. 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 as shown on Figure K-3 attached shall be sampled quarterly for the Lower Explosive Limit (LEL) of methane, as described in F.A.C. Rule 62-701.400(10)(c). *wells GMD 18, 19, and 20 GMD 18, 19, and 20*

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 and 62-330. The system shall minimize stormwater from entering waste filled areas and avoid the mixing of stormwater with leachate. All stormwater conveyances shall be inspected at least weekly to verify adequate performance. Conveyances not performing adequately shall be repaired within three (3) working days. Documentation of all inspections and repairs shall be kept on file at the facility.

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

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. 62-296.401(6). Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department of Environmental Protection.

PERMITTEE: Manatee County
c/o Mr. Len Bramble, P.E.

PERMIT NO. 9884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

24. **Closure Permit Requirements.** No later than one hundred eighty (180) days prior to the date when wastes will no longer be accepted for active portions of the landfill which have reached closure designed dimensions, the landfill owner or operator shall submit a closure permit application to the Department in order to assure conformance with all applicable Department rules.

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 disease vectors such as mosquitoes and rodents so as to protect the public health and welfare.

27. **Liner Location.** The top of the slurry wall shall be clearly flagged in as many locations as required to prevent waste disposal and ~~sewage~~ leachate runoff outside the slurry wall. The flagging or staking markers shall be maintained at all times.

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, surface water monitoring location, gas monitoring system repairs, repair and maintenance of leachate collection and removal systems, and maintenance of the leachate storage facility. In the event of damage to any portion of the site facility regulated by this permit or failure of any part of the related 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. Routine maintenance does not require notification but shall be noted on daily reports.

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. Chapter 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 when sampling is initiated, and again whenever the sampling or analytical companies change.~~ *leave in out* 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. Rule 62-4.246 and Chapter 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 the site shall extend horizontally 100 feet from the limits of the landfill or to the property boundary, whichever is less, and shall extend vertically to the bottom of the first confining unit.
- b. The permittee shall ensure that the water quality standards for Class G-II groundwaters will not be exceeded at the boundary of the zone of discharge according to F.A.C. Rule 62-520.420, and that the minimum criteria listed in F.A.C. Rule 62-520.400 will not be exceeded outside the foot print of the landfill. *landfill's slurry wall.* *base? word?*

SPECIFIC CONDITIONS:

31. **Leachate Sampling.** Leachate shall be sampled from ~~the leachate holding tank until the master lift station is installed, at which time leachate shall be sampled from the master lift station.~~ Leachate shall be analyzed every 6 months 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
Nitrate
Sodium
Total Dissolved Solids (TDS)
Those parameters listed in
40 CFR Part 258, Appendix I

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

32. **Surface Water Sampling.**

a. The surface water monitoring stations are located as follows:

SURFACE WATER

1A
1B
1C
1D
1E

3A

SAMPLE TYPE

Composite pond

Runoff

LOCATION

Surface Water from
lake along eastern
boundary.

Drainage ditch to
Long Flat Creek as
creek flows onto
Southeast property
boundary.

SW1
SW2

Downstream
Upstream

Cypress Strand
Cypress Strand

Leachate each pump station for receiving water that receives water from waste-filled areas. Samples shall be collected prior to pumping & composited into one sample for analysis.

See Aug 3, 1998 Response

PERMITTEE: Manatee Co
c/o Mr. Len Bramble, P.E.

PERMIT N 39884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

SPECIFIC CONDITIONS:

SURFACE WATER
3B2B

SAMPLE TYPE
Runoff

LOCATION
Drainage ditch to
Long Flat Creek,
directly west of
well TH-28.

3C2

Runoff

Drainage ditch to
Long Flat Creek as
creek leaves landfill
property at northeast
boundary.

Monitoring
All locations are shown on attached drawing titled "~~Monitoring Wells~~
~~and Surface Water Locations~~". *de*

October 15, 1999.

A surveyed drawing shall be provided for all staff gauges installed at all surface water sampling locations by ~~December 1, 1996~~. The survey shall show all locations in degrees, minutes and seconds of latitude and longitude, the Universal Transverse Mercator Coordinates, and the gauge elevation to the nearest 0.01 foot, National Geodetic Vertical Datum. The surveyed drawing shall include the surface water sampling locations. The survey shall be conducted by a registered land surveyor.

b. Surface water monitoring stations shall be sampled in accordance with F.A.C. 62-701.510(6)(d) **every six months**, for the following parameters:

Field parameters

Specific Conductivity
pH
Dissolved Oxygen
Turbidity
Temperature
Colors and sheens
(by observation)

Laboratory parameters

Unionized Ammonia
Total Hardness
Biochemical Oxygen Demand (BOD₅)
Copper
Iron
Mercury
Nitrate
Zinc
Total Dissolved Solids (TDS)
Total Organic Carbon (TOC)
Fecal Coliform
Total Phosphorous
Chlorophyll A
Total Nitrogen
Chemical Oxygen Demand (COD)
Total Suspended Solids (TSS)
Those parameters listed in
40 CFR Part 258, Appendix I

SPECIFIC CONDITIONS:

33. **Gradient Monitoring.** Monthly, the hydraulic gradient across the slurry wall shall be measured at the following monitoring points. "PZ" denotes "piezometer", "MW" - monitoring well, "SG" - Staff Gauge. ~~"MW"~~

~~Leachate collection manhole.~~ Monitoring points are located on ~~Figure 2 of~~
~~Drawing C-12, received May 12, 1997.~~

*the Stormwater/Leachate
Management Plan
attached.*

Interior Monitoring Point

Exterior Monitoring Point

^{over}
These points shall be monitored monthly for water levels to an accuracy of 0.01 feet. Results of the monthly monitoring shall be submitted by the 15th day of the following month. An inward gradient shall be maintained across the slurry wall, ~~as described in the February 1997 Stormwater/Leachate Management Plan.~~ If an outward gradient exists, steps for correcting the gradient shall be included with the related monthly data. Damaged gradient monitoring points shall be replaced within thirty (30) days to ensure continuous monthly monitoring at all points.

34. **Groundwater Monitoring Well Locations.** The Groundwater Monitoring System is designed and constructed in accordance with the "~~Groundwater~~
Monitoring Plan - Part L dated July 31, 1998. The groundwater ^{Water Quality}
monitoring wells are located as per Figure 2 attached of the ~~Stormwater/Leachate Management Plan.~~ ^{& Leachate}

<u>WELL NUMBER</u>	<u>AQUIFER</u>
LR11-1	Surficial (detection/compliance)
LR11-2	Surficial (detection/compliance)
LR11-3	Surficial (detection/compliance)
LR11-4	Surficial (detection/compliance)
LR11-5	Surficial (detection/compliance)
MW-1	Surficial (background)
MW-2	Surficial (detection/compliance)
MW-3	Surficial (detection/compliance)
MW-5	Surficial (detection/compliance)
MW-6	Surficial (detection/compliance)
CW-4	Surficial (compliance)
CW-5A	Surficial (detection/compliance)
GC-1A	Surficial (detection/compliance)
GC-2	Surficial (detection/compliance)
GC-3	Surficial (detection/compliance)
GC-4	Surficial (detection/compliance)
GC-5	Surficial (detection/compliance)
GC-6	Surficial (background)
SMR-1	Surficial (background)
SA-2	Artesian (Deep) (detection/compliance)
SA-3	Artesian (Deep) (detection/compliance)
SA-4	Artesian (Deep) (detection/compliance)
SA-5	Artesian (Deep) (detection/compliance)
SA-6	Artesian (Deep) (detection/compliance)
SA-7	Artesian (Deep) (detection/compliance)
SA-8	Artesian (Deep) (detection/compliance)
SMR-2	Artesian (Deep) (background)

well list of

Interior Mon PtExterior

PZ-1	MW5
PZ-2	MW2
PZ-3	MW-1
PZ-4A	CW-4
PZ-5	CW-5A
PZ-6	SG-1
PZ-7	MW-6
PZ-8 PZ-19	PZ-11 PZ-11
PZ-8	LR11-5
PZ-9	LR11-4
PZ-10	LR11-2
PZ-11	LR11-1
PZ-12	GC-2
PZ-13	GC-3
PZ-14	GC-4
PZ-15B	PZ-15A
PZ-16	PZ-16A
PZ-17	SG-2
PZ-18	SG-3

SPECIFIC CONDITIONS:

All wells are to be clearly labeled and easily visible at all times. The permittee should keep all wells locked to prevent unauthorized access.

35. **Groundwater Sampling.** All detection and background wells, ~~intermediate well MW-6, and compliance well MW-7~~ 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

Water levels shall be measured in all site wells listed in Specific Conditions No. 33.

Additional samples, wells, and parameters may be required based upon subsequent analysis. Method detection limits must meet, or be lower than that parameter's Maximum Contaminant Level in order to demonstrate compliance with groundwater standards.

All wells (except those designated for water table elevations only) shall be sampled **one hundred and eighty (180) days prior to permit expiration** for the parameters listed in F.A.C. 62-701.510(8)(a).

36. **Groundwater Monitoring Well Construction.** Prior to construction of any new wells, the permittee shall request and receive Department approval of a minor permit modification, unless otherwise approved in writing by the Department.

a. Documentation of the following for each well installed:

Well Identification	Boring (Lithology) Log
Aquifer monitored	Total depth of well
Screen type and slot size	Casing diameter
Screen length	Casing type and length
Screen diameter	SWFWMD well construction
Elevation at top of casing	permit Nos.
Elevation at ground surface	Well seal and filter pack
	type and thickness

b. Within one week of well completion and development, each new well shall be sampled for the parameters listed in F.A.C. Rules 62-701.510(8)(a) and (d), to establish initial groundwater quality for each new well.

SPECIFIC CONDITIONS:

c. A surveyed drawing shall be submitted in accordance with F.A.C. Rule 62-701.510(3)(d)(1), showing the location of all monitoring wells (active and abandoned) horizontally located in degrees, minutes and seconds of latitude and longitude, the 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 numbers, 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.

37. **Well Abandonment.** All wells ^{and piezometers} not a part of the approved Water Quality Monitoring Plan shall be plugged and abandoned in accordance with F.A.C. Rule 62-532.440, and the Southwest Florida Water Management District (SWFWMD). The permittee shall submit a written report to the Department documenting verification of the well abandonment **within 90 days of abandonment**. Documentation of abandonment shall include a map showing piezometer/well locations and SWFWMD abandonment records. A written request for exemption to the abandonment of a well must be submitted to the FDEP's Solid Waste Section for approval.

38. **Verification/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 within receipt of the laboratory data 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. Rule 62-701.510(7) may be required.

39. **Water Quality and Leachate Reporting Requirements.** All ground water and surface water quality monitoring and leachate analyses shall be reported on the Department Form 62-522.900(2), Ground Water Monitoring Report (attached). The items listed in F.A.C. Rule 62-701.510(9)(a), including but not limited to a groundwater flow contour map representing conditions at the time of groundwater sampling shall be submitted with each set of analytical results. The permittee shall submit to the Department the results of the water quality and leachate 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; and also to: Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, M.S. 4565, Tallahassee, FL 32399-2400.

*KEEP
ALREADY
REVISED
LONGER VERSION*

SPECIFIC CONDITIONS:

40. Groundwater Monitoring Plan Evaluation.

Every two years and prior to 180 days before the expiration of the Department Permit, the permittee shall submit an evaluation of the Groundwater Monitoring Plan as described in 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~~ evaluations shall be submitted to the Solid Waste Section of the Department by ~~July 15, 1997.~~ 12/15/01, 12/15/03.

41. 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.

42. 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.

43. 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.

44. Regulations. F.A.C. 62-701, effective April 23, 1997, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

45. Air Requirements.

a. An air construction permit is not required for the landfill unless landfill construction or any modification is subject to the prevention of significant deterioration (PSD) requirements of Chapter 62-212, F.A.C.. A landfill for which construction or modification is subject to PSD requirements must make application to the Bureau of Air Regulation, Mail Station 5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, for an air construction permit and must obtain such permit prior to beginning any construction or modification.

PERMITTEE: Manatee Co
c/o Mr. Len Bramble, P.E.

PERMIT NO 39884-001-SO
Manatee County Solid Waste Management
Facility - Lena Road Landfill

Attachment 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4., 17. M.	180 days prior to permit expiration	Permit Renewal Application LCRS Inspection
18. and <u>33-a</u>	Quarterly, by January 15th, April 15th, July 15th, and October 15th	Gas monitoring results, leachate treatment results
25.	Annually, by September 1st	Financial assurance cost estimates
<u>29.a.</u>	<u>Annually,</u> <u>by January 15th</u>	<u>Water quality QAP</u> <u>documentation</u>
31.	Every 6 months	Leachate sampled/analyzed
31.	Annually	Leachate sampled/analyzed
32b.	Every 6 months - <i>surface water</i> <i>sampled/analyzed</i>	for 40 CFR Part 258, Appendix II parameters
33	Monthly, <i>by the 15th day.</i>	<i>Gradient Monitoring report</i>
<u>33-b.</u>	<u>Annually</u>	<u>Leachate treatment -</u> <u>Sludge results</u>
35.	Every 6 months	Groundwater wells sampled/ analyzed
39.	Semi-annually, by January 15th, and July 15th	Water quality and leachate monitoring results
<u>39.</u>	<u>Annually, by</u> <u>January 15th</u>	<u>Leachate treatment plant</u> <u>sludge analyses</u>
40.	Every two years by July 15th and 180 days prior to permit expiration <i>12/15/01 + 12/15/03</i>	Evaluation of groundwater monitoring plan

** Transmit Conf. Report **

P.1

Jun 4 1999 17:44

Telephone Number	Mode	Start	Time	Pages	Result	Note
819417953490	NORMAL	4,17:43	1'10"	2	* O K	

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

6/4/99

Number of pages including cover sheet:

13

To:

Gus DiFonzo

Waste-man

Phone:

941 7953473

Fax phone:

941 7953490

CC:

From:

Eun Ford

Phone:

(813) 744-6100

x 382

Fax phone:

(813) 744-6125

REMARKS:

☒ Urgent☒ For your review☒ Reply ASAP☐ Please comment

LEACHATE REPORTS - CORRECTIONS NEEDED

As we discussed today
Leachate report and gradient report for may needed ASAP
Complete filter system Wednesday and start pumping

ESTIMATES: OUTFALL DITCH = $180' \times 20' \times 5' \times 1.5' = 135,000$ Gallons

** Transmit Conf. Report **

P.1

Jun 4 1999 17:42

Telephone Number	Mode	Start	Time	Pages	Result	Note
819417953490	NORMAL	4,17:29	12'27"	12	* O K	

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

6/4/99

Number of pages including cover sheet:

12

To:

GUST DIFONZO

Waste man

Phone:

941 7953473

Fax phone:

941 7953490

CC:

From:

Eun Ford

Phone:

(813) 744-6100

x 382

Fax phone:

(813) 744-6125

REMARKS:



Urgent



For your review



Reply ASAP



Please comment

LEACHATE REPORTS - CORRECTIONS NEEDED

AS WE DISCUSSED TODAY
 LEACHATE REPORT AND GRADIENT REPORT FORMS NEEDED ASAP
 COMPLETE FILTER SYSTEM WEDNESDAY AND START PUMPING

ESTIMATE: OUTFALL DITCH = $180' \times 20' \times 5' \times 1.5 = 135,000$ GALLONS

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

6/4/99

Number of pages including cover sheet:

13

To:

GUSTAFSON

WASTE MAN

Phone:

941 7953473

Fax phone:

941 7953490

CC:

From:

Km Road

Phone:

(813) 744-6100

x 382

Fax phone:

(813) 744-6125

REMARKS:



Urgent



For your review



Reply ASAP



Please comment

LEACHATE REPORTS - CORRECTIONS NEEDED

As we discussed today
Leachate report and gradient report for May needed ASAP
Complete filter system Wednesday and start pumping

ESTIMATES: OUTFALL DITCH = $180' \times 20' \times 5' \times 7.5' = 135,000$ GALLONS
6" POND WATER = $4 \times 43560 \times \frac{6''}{12''} \times 7.5' = 7,137,400$ GALLONS

for

Exhibit C
Manatee County, Lena Road Landfill
Groundwater Gradient
April, 1999

*WE NEED
ALL READINGS
INCLUDING STAFF GAUGES
TO SHOW ALL
INWARD TO
PRIOR TO
ISSUING
PERMIT*

Piezometer	Riser Elevation	Groundwater Elevation	Monitoring Well	Riser Elevation	Groundwater Elevation
STAGE I					
PZ-1	42.53	N/A	MW-5	39.96	N/A
PZ-2	42.53	N/A	MW-2	37.87	N/A
PZ-3	44.93	N/A	MW-1	38.71	N/A
PZ-4A	47.73	N/A	CW-4	37.54	N/A
PZ-5	43.96	N/A	CW-5A	41.23	N/A
PZ-6	45.04	N/A	SG-1		N/A
PZ-7	47.97	N/A	MW-6	39.29	N/A
PZ-19	45.86	N/A	PZ-11	37.94	N/A
STAGE II					
PZ-8	37.63	N/A	LRII-5	36.74	N/A
PZ-9	36.56	N/A	LRII-4	33.86	N/A
PZ-10	37.05	N/A	LRII-2	36.53	N/A
PZ-11	37.94	N/A	LRII-1	37.97	N/A
STAGE III					
PZ-12	38.39	N/A	GC-2	38.19	N/A
PZ-13	35.09	N/A	GC-3	35.02	N/A
PZ-14	33.47	25.54	GC-4	33.91	25.32
PZ-15B	37.37	25.68	PZ-15A	39.77	25.88
			GC-1A	31.74	24.72
PZ-16	34.63	27.18	PZ-16A	39.07	25.20
			GC-5	36.50	27.85
PZ-17	40.82	N/A	SG-2		N/A
PZ-18	40.15	N/A	SG-3		N/A

*N/A: Not Available

Notes:

The table is arranged so any piezometer can be compared to its corresponding monitoring point. For example, PZ-1 is located on the opposite side of the slurry wall from MW-5. Thus data from PZ-1 are compared to data from MW-5.

Depth to groundwater data were collected on April 12, 1999

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

JUN 03 1999

SOUTHWEST DISTRICT
TAMPA

06/02/99 11:47:38 AM

GradientApril99.WK3:gbp

*PLEASE
READ ALL
STAGE III
EACH WEEK
JTHC
CORRECTED*

WASTE MGT TAMPA SWD

<:8137446125

** Transmit Conf. Report **

P.1

Jun 3 1999 10:11

Telephone Number	Mode	Start	Time	Pages	Result	Note
819417953490	NORMAL	3,10:09	1'56"	4	* O K	

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

6/3/99

Number of pages including cover sheet:

4

To:

GUS DIFONZO

SW DEPT

Phone:

(813) 744-6100

Fax phone:

(813) 744-6125

CC:

From:

Gus DIFONZO

Phone:

(813) 744-6100

x 382

Fax phone:

(813) 744-6125

REMARKS:



Urgent



For your review



Reply ASAP



Please comment

VENA ROAD (E GRADIENT)
CORRECTIVE ACTIONS

(7/2) I would like to visit the landfill on
FRIDAY MORNING JUNE 11th to see

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

6/3/99

Number of pages including cover sheet:

4

To:

GUS DiFonzo

SW DHP

Phone:

(941) 7953473

Fax phone:

(941) 7953490

CC:

From:

km for

Phone:

(813) 744-6100

x 382

Fax phone:

(813) 744-6125

REMARKS:



Urgent



For your review



Reply ASAP



Please comment

LENA ROAD LE GRADIENT
CORRECTIVE ACTIONS

(I would like to visit the landfill on
FRIDAY MORNING JUNE 11th to see
everything working, with GRADIENT CORRECTED.)

THX
km

RB

Bob RB

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 6/3/99 Subject LENA RD GRADIENT

Time 8:30 Permit No. _____

County MANATEE

M GUS DIFONZO Telephone No. (941) 7453473

Representing SW DEPT

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

Other Individuals Involved in Conversation/Meeting _____

BOB BUTERA

Summary of Conversation/Meeting DISCUSSED CORRECTIVE ACTIONS -

DEP AGREED TO: (1) USE FILTER SYSTEM NOW BY
PUMPING FROM LAKE POND (SPECIAL CARE TO SCREEN
OUT POTABLES OR MUCK TO KEEP FILTER SYSTEM CLEAN,
AND MUST REPAIR IF CLOGGED OR DAMAGED), (2) REPAIR/CLEAN
IF NEEDED PRIOR TO COMPLETING SAND FILL, (3) COMPLETE SAND FILL
IN FILTER SYSTEM TO 2 FEET.

DEP REQUESTS THE GRADIENT AT ALL LOCATIONS BE MAINTAINED
INWARD ASAP SO THE NEW OPS PERMIT CAN BE ISSUED BY 6/30/99.

DISCUSSED NEW SERVICES CONTRACT - DEP SUGGESTED THE COUNTY
HAVE ONE POINT PERSON FOR ALL LANDFILL RELATED PROJECTS AND
SCOPE ALLOW FOR RESPONSES TO DEP COMMENTS OR PROBLEMS.

(continue on another
sheet, if necessary)

Signature [Signature]

Title _____

Bob LB

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 6/2/99 Subject LEONARD LF
Time 3:45 Permit No. _____
County MANATEE

M. GUS DIFONZO Telephone No. _____

Representing MANATEE COUNTY

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

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

DISCUSSED DELAY IN COMPLETING PROJECT!
GUS SAID THE FILTER SAND MUST BE FUNDED AS
AN AMENDMENT TO PREVIOUS PURCHASE AND GO
BEFORE BOARD JUNE 15th

I SUBMITTED IF ONLY \$5000 COULD COME
FROM OTHER SOURCE. GUS SAID NO.

I EXPLAINED FILTER SAND PROBLEM SHOULD
HAVE BEEN DISCOVERED EARLIER AND NOW IT IS
CAUSING A MONTH DELAY

I ASKED GUS TO ASK LEN BRANBLE TO CALL
BOB TOMMORROW TO DISCUSS. GUS SAID OK.

(continue on another
sheet, if necessary)

Signature EL

Title _____

ENVIRONMENTAL RESOURCE PERMIT APPLICATIONS

APRIL 1998

BASIS OF REVIEW

center line of the perforated pipe (measured from the lowest point of the perforated pipe), or separated by structural means from the hydraulic contribution of the surrounding water table. The storm water must pass through a minimum of two feet of the filter material before entering the perforated pipe.

3. Filtration systems shall have pore spaces large enough to provide sufficient flow capacity so that the permeability of the filter is equal to or greater than the surrounding soil. The design shall ensure that the filter medium particles do not move. The filter material shall be of a quality sufficient to satisfy the requirements listed below, but these requirements are not intended to preclude the use of multilayered filters nor the use of materials to increase ion exchange, precipitation or pollutant absorption capacity of the filter. The requirements are:
 - (a) Washed material meeting FDOT road and bridge specifications for silica sand and quartz gravels, or mixtures thereof (less than 1 percent silt, clay and organic matter), unless filter cloth is used which is suitable to retain the silt, clay and organic matter within the filter; calcium carbonate aggregate is not an acceptable substitute;
 - (b) Uniformity coefficient 1.5 or greater; and
 - (c) Effective grain size of 0.20 to 0.55 millimeters in diameter.
 4. The total detention volume shall again be available within 36 hours.
 5. The treatment volume can be counted as part of the storage required for water quantity storage in Chapter 4.
 6. Maintenance of filter includes proper disposal of spent filter material.
 7. The design of the system must be such that the water velocities and associated flow path through the storage pond do not cause the accumulated pollutants to be flushed out of the treatment pond up to the 25-year, 24-hour design storm.
- c. On-line treatment system
1. An on-line treatment system shall treat the runoff from the first one-inch of rainfall; or as an option for projects or project sub-units with drainage areas less than 100 acres, the first one-half inch of run-off. In determining the

Bob

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 6/2/99 Subject LEONARD LE
Time 3:45 Permit No. _____

County MANATEE

M. GUS DIFONZO Telephone No. _____

Representing MANATEE COMM.

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

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

DISCUSSED DELAY IN COMPLETING PROJECT!
GUS SAID THE FILTER SAND MUST BE FUNDED AS
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BOB TOMMORROW TO DISCUSS. GUS SAID OK.

(continue on another
sheet, if necessary)

Signature E L

Title _____

18

Kim

LENA Road LF

MANATEE

5-21-99



LENA ROAD LANDFILL - MANATEE
KBF 5/21/1999

LENA ROAD LANDFILL - MANATEE
KBF 5/21/1999

LENA ROAD LANDFILL - MANATEE
KBF 5/21/1999



LENA ROAD LANDFILL - MANATEE
KBF 5/21/1999

LENA ROAD LANDFILL - MANATEE
KBF 5/21/1999

LENA ROAD LANDFILL - MANATEE
KBF 5/21/1999



LENA ROAD LANDFILL - MANATEE
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KBF 5/21/1999



LENA ROAD LANDFILL - MANATEE
KBF 5/21/1999

LENA ROAD LANDFILL - MANATEE
KBF 5/21/1999

LENA Road LF

LENA Road LF

LENA ROAD LANDFILL - MANATEE
KBF 5/21/1999



MANATEE COUNTY GOVERNMENT

TELEFAX COVER MEMO

PLEASE DELIVER THE FOLLOWING PAGE(S)

TO: Kim Ford - #813/744-6125
FROM: Mike Core, Landfill Superintendant
DATE: 5/21/99
SUBJECT: Groundwater Table Reading for Stage I and Stage II.

Please call upon receipt Please handle confidentially

COMMENTS: In Stage 2, at Piezometer 11, we have a groundwater table
of 30.52, whereas, in Stage I, at Piezometer 19, we have a groundwater
table of 28.57. Thank you for your assistance and we will send you a
copy of our plan to bring our stormwater pond level up on Monday, the
24th of May.

Total number of pages including cover memo 1

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL 941/748-5543 AS SOON
AS POSSIBLE.

Public Works Department



D.E.P.
MAY 21 1999
Southwest District Tampa

MANATEE COUNTY GOVERNMENT Public Works Department

May 19, 1999

Allison Amram, P.G., Division of Waste Management
Department of Environmental Protection, South West District
3804 Coconut Palm Drive
Tampa, FL 33619

Re: Manatee County Lena Road and Erie Road Landfills
Reporting Requirements

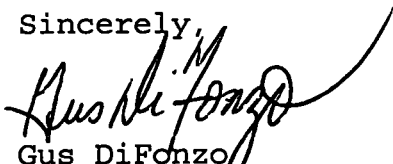
Dear Ms. Amram:

Please find enclosed monthly reports for the time period of October, 1998 through April, 1999. Also enclosed is the second half of 1998 ground water quarterly monitoring reports for the above referenced Landfills. Not included is the contour map for Erie Road; however, we expect receipt in the very near future.

As previously mentioned in our letter of May 14, 1999, it is Public Works' intention to move in the direction of contracting out our reporting requirements to HDR Engineering, Inc., our solid waste engineer. This move has the potential of better serving the needs of the Florida Department of Environmental Protection and Manatee County.

Please know that the Department's understanding and patience in awaiting arrival of these reports has been greatly appreciated. If you have any questions, please contact me at 941/795-3473.

Sincerely,


Gus DiFonzo
Solid Waste Manager

GD/gp

cc: Len Bramble, P.E., Public Works Director
Dan Gray, Utilities Operations Manager
Bob Butera, P.E., FDEP
Kim Ford, P.E., FDEP w/o Attachments
Steve Morgan, FDEP

**Solid Waste Permit
QA/QC Construction Inspection Form**

Facility: LEONARD LF

Inspecting Engineer: Kim Ford

Date Inspected: 5/21/99

Inspection Type:

Permitting

[]

Construction

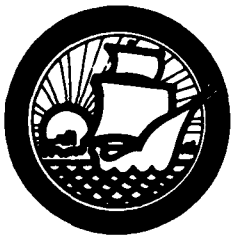
QA/QC

[x]

Facility Type: Landfill

STORMWATER/LEACHATE SYSTEM ALMOST
COMPLETE. NEEDS MORE SAND IN FILTER SYSTEM
AND SLOPES FOR DITCHES TO DRAIN
RETENTION Ponds LOW - WILL PUMP CLEAN WATER
INTO STORMWATER Ponds TO CHARGE/FILL OUTRILL DITCH
ALL WORK TO BE COMPLETED IN 7 DAYS.

Fill out the above documenting all inspections of facilities for permitting and/or construction QA/QC purposes. Please place in my basket within 3 days of inspections.



D.E.P.
MAY 21 1999
Southwest District Tampa

MANATEE COUNTY
GOVERNMENT
Public Works Department

May 20, 1999

Robert Butera, P.E., Division of Waste Management
Florida Department of Environmental Protection
South West District
3804 Coconut Palm Drive
Tampa, FL 33619

Re: Proper Management and Disposal of Street Sweepings,
Stormwater Sediments and Catch Basin Sediments
Letter Dated April 27, 1999

Dear Mr. Butera:

I have reviewed your letter of April 27, 1999 (see attached) regarding the above referenced matter. As you are aware, I am currently working with the City of Tampa for the acceptance of Street Sweepings for use as daily cover at the Manatee County Solid Waste Management Facility. I also wish to continue to support Manatee County and the surrounding municipalities with the continued acceptance of their street sweepings and sediments as daily cover.

This material is screened and free from litter and other Solid Waste and the tipping fee will be waived for the material. Based on the Florida Department of Environmental Protection's (FDEP) policy memorandum of April 28, 1998 (see attached) and on-going communication regarding the Tampa Street Sweepings, I was unaware a permit modification would be required until receipt of your memorandum of April 27, 1999.

I am requesting FDEP include and authorize usage of the above referenced material as daily cover along with the specific conditions at the Manatee County Facility with our pending permit renewal.

Proper Management and Disposal of Street Sweepings,
Stormwater Sediments and Catch Basin Sediments
May 20, 1999
Page Two

Your cooperation and assistance in this matter is sincerely appreciated. If I can provide further information, please contact this office at 941/795-3473.

Sincerely,

A handwritten signature in black ink, appearing to read "Gus DiFonzo". The signature is stylized with a large, looped "G" and "F".

Gus DiFonzo
Solid Waste Manager

GAD/gbp

cc: Len Bramble, P.E., Public Works Director
Daniel T. Gray, Utilities Operations Manager
C. Michael Gore, Landfill Superintendent
Kim Ford, P.E., FDEP, Tampa
Steve Morgan, FDEP, Tampa



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

April 27, 1999

Mr. Len Bramble
Director
Manatee County Public Utilities
1112 Manatee Avenue West
Bradenton, FL 33205

D.E.P.
MAY 21 1999
Southwest District Tampa

Re: Proper Management and Disposal of Streetsweepings,
Stormwater Sediments and Catch Basin Sediments

Dear Mr. Bramble:

This letter is to inform you that all streetsweepings, ditch and drainage sediments, stormwater and catch basin sediments are a solid waste and must be managed accordingly. This material currently is only authorized to be disposed of at a Class I landfill. There are some Class I landfills that are currently authorized to utilize this material as initial cover if free from litter and other solid wastes. The Florida Department of Environmental Protection is receptive to authorizing use of this material as initial cover if the permitted facilities request a permit modification to authorize use of the referenced waste material as cover. Some Class I landfills have waived their tipping fees for disposal of such material if they choose to use it as cover.

The Department may be receptive to other reuses of this waste material that may result from conclusions developed through the Streetsweeping Focus Group. The Streetsweeping Focus Group consists of representation from the private sector, counties and municipalities, FDOT and the FDEP. I have included a summary of the first meeting of the Focus Group Meeting and management options with other states for your reference. Any potential reuse of this material will require management of this material as a solid waste until it is reused. You are requested to inform the Department within 30 days of receipt of this letter as to the specific procedures utilized by your municipality in the management and disposal of such wastes. You should be aware that the municipalities are responsible for the proper management and disposal of this material even if the streetsweeping operation is subcontracted.

All locations utilized for the interim storage of the referenced wastes are required to be permitted as a transfer station per FAC 62-701.801 which will include storage on an impermeable surface, and installation of a leachate collection system to provide treatment for and/or prevent the discharge of all stormwater that comes in contact with the waste.

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

Mr. Len Bramble
Manatee County Public Utilities

April 27, 1999
Page Two

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

Sincerely,



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

RJB/
Enclosures

cc: Mr. Gus DiFonzo, Manatee County
Kim Ford, P.E., FDEP Tampa
Steve Morgan, FDEP Tampa



Department of Environmental Protection

EXHIBIT "A"
(consisting of
2 pages)

Lawton Chiles
Governor

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

To: County Solid Waste Directors
From: Mary Jean Yon, Administrator *MJY*
Solid Waste Section
Date: April 28, 1998
Subject: Street Sweepings and Sediments from
Stormwater Systems

D.E.P.
MAY 21 1999
Southwest District Tampa

During the past several years, the Department's Stormwater and Nonpoint Source Management Section has been collecting data on the characteristics of street sweepings and sediments taken from stormwater systems. Additionally, the Solid Waste Section is involved in a study to characterize street sweeper wastes which is being performed by the University of South Florida.

Preliminary data from these projects show that these wastes are typically not hazardous or toxic wastes. While we currently require these wastes to be disposed of in lined landfills, we do not believe it is necessary to require them to be tested for hazardous or toxic characteristics prior to acceptance. We have been hearing that some local governments have been having trouble finding places to dispose of these wastes and are often refused acceptance at various landfills around the state. The purpose of this memorandum is to inform you that the Department has no objection to these wastes being accepted at a permitted lined landfill and is not aware of any potential problems caused by this disposal. In addition, you might want to contact your local District Office and explore the possibility of using these wastes for initial or intermediate cover at your landfill, provided the criteria listed in Rules 62-701.200 (53) and (55), F.A.C. are met.

We will be continuing to collect data to further characterize these wastes. Hopefully, at some point in the future, we may be able to authorize the widespread recycling and reuse of these materials. However, until then, they need to be taken to a lined landfill.

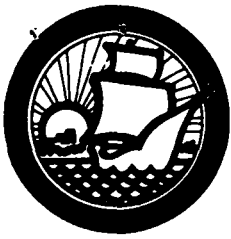
MEMORANDUM

Page Two

April 28, 1998

Thank you for your assistance and cooperation in reducing the economic burden for municipalities that must dispose of these materials. If you have any questions about this memorandum, please do not hesitate to call me at 850/488-0300. If you have questions about the characteristics of street sweepings or stormwater sediments, please call Eric Livingston at 850/921-9915 or John Cox at 850/921-9383.

MJY/cmr



D.E.P.

MAY 20 1999

Southwest District Tampa

MANATEE COUNTY GOVERNMENT

Public Works Department

May 20, 1999

Kim Ford, P.E., Division of Waste Management
Florida Department of Environmental Protection
South West District
3804 Coconut Palm Drive
Tampa, Florida 33619

Re: Lena Road Landfill Corrective Actions
Gradient and Stormwater Management Systems
Permit No.: SO41-211176, Manatee County
Pending Permit No.: 39884-001-SO

Dear Mr. Ford:

The following represents the project status and construction completion projection for the above referenced subject (from the previous March 3, 1999 status).

The stages of construction completed as of March 1, 1999 were as follows:

- Southwest ditch weir structure
- Dewatering filter bed site
- Excavation of material for filter bed site
- Installation of manholes
- Installation of pipe systems both inside and outside of filter bed system
- Installation of all berms and sloping to grade - filter beds

The stages of construction completed as of April 15, 1999 are as follows:

- Installation of sod on the berms and slopes
- Ditch regrading
- Down drain

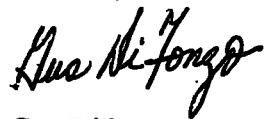
All construction for the Landfill Stormwater Collection Filter System being performed by the Maintenance and Field Forces Section of Public Works should be completed the week of May 21, 1999.

With regard to issuance of Final Certification and subsequent issuance of the Permit, there is a site inspection meeting scheduled for Friday, May 21, 1999 at 2:00.

Lena Road Landfill Corrective Actions
Gradient and Stormwater Management Systems
May 20, 1999
Page Two

If we can be of further assistance and/or provide additional information, please contact me at 941/795-3473 or Clayton Barth at 941/792-8811, Extension 5078. The Department's cooperation with this matter has been and continues to be greatly appreciated.

Sincerely,



Gus DiFonzo
Solid Waste Manager

GD/gbp

cc: Bob Butera, P.E., FDEP
Len Bramble, P.E., Director of Public Works
Dan Gray, Utilities Operations Manager
Dan Rosier, Maintenance Superintendent
Mike Gore, Landfill Superintendent
Clay Barth, Engineering Section



Lena Rd permit file

MANATEE COUNTY

GOVERNMENT

Public Works Department

May 14, 1999

Allison Amram, P.G., Division of Waste Management
Department of Environmental Protection, South West District
3804 Coconut Palm Drive
Tampa, FL 33619

D.E.P.
MAY 18 1999
Southwest District Tampa

Re: Manatee County Lena Road and Erie Road Landfills
Reporting Requirements

Dear Ms. Amram:

Please be advised that the below listed reports have been completed, are currently being reviewed, and will be forwarded for receipt by your office the week of May 17, 1999.

Water Balance Report, Leachate Tracking Summary, Wetland and Gas Monitoring Report, and Groundwater Gradient Report for October, 1998; November, 1998; December, 1998; January, 1999; February, 1999; March, 1999; and April, 1999. In addition, we are forwarding the semi-annual report (second half, 1998) for the Lena Road and Erie Road groundwater analyses and the Lena Road contour map. We anticipate receipt of the Erie Road contour map in the very near future.

In order to better serve the Florida Department of Environmental Protection and the County, it is Public Works' intention to move in the direction of contracting out our reporting requirements to HDR Engineering, Inc., our solid waste engineer.

Please know that the Department's understanding and patience in awaiting arrival of these reports is greatly appreciated. If you have any questions, please contact me at 941/795-3473.

Sincerely,

Gus DiFonzo

Gus DiFonzo,
Solid Waste Manager

GD/gp

cc: Len Bramble, P.E., Public Works Director
Dan Gray, Utilities Operations Manager
Bob Butera, P.E., FDEP
Kim Ford, P.E., FDEP
Steve Morgan, FDEP



Jeb Bush
Governor

*MANATEE CTY. LENA RD. PERMIT
FILE*

Department of Environmental Protection

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

David B. Struhs
Secretary

May 14, 1999

Mr. Melton McKown
Florida Department of Revenue
Tax Policy and Dispute Resolution
Post Office Box 7443
Tallahassee, Florida 32314-7443

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

MAY 17 1999

SOUTHWEST DISTRICT
TAMPA

Dear Mr. McKown:

Enclosed is a "Preliminary Examination Report" preliminarily certifying resource recovery equipment at the Lena Road Landfill in Manatee County and the Sarasota County Solid Waste Disposal Facility. This report was prepared by the Department of Environmental Protection pursuant to Section 62-704.400, Florida Administrative Code, for your use when implementing Section 12A-1.001(23), Florida Administrative Code.

If you have any questions concerning this report or the Consolidated Resource Recovery's application, please contact this office at (850)488-0300.

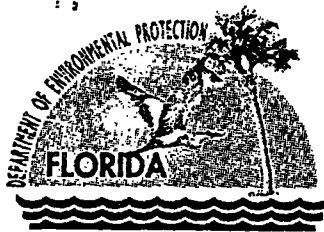
Sincerely,

Jan Rae Clark
Environmental Manager
Solid Waste Section

JRC/jrc

Enclosure

cc: Bob Butera ✓
Michael Calhoon
File



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

PRELIMINARY EXAMINATION REPORT

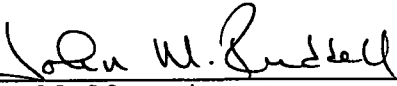
On May 10, 1999, the Department of Environmental Protection received an Application for Preliminary Examination of Resource Recovery Equipment for the Lena Road Landfill in Manatee County and the Sarasota County Solid Waste Disposal Facility. This application is for exemptions from the state sales tax for certain resource recovery equipment which will be used to recover energy or materials from solid waste at the facility. Pursuant to Section 403.715, Florida Statutes and Section 62-704.400, Florida Administrative Code, the Department hereby issues this report.

This preliminary examination report may be considered by the Department of Revenue, pursuant to Section 12A-1.001(23), Florida Administrative Code, when determining whether a temporary tax exemption shall apply to those items specified in this report as possible resource recovery equipment.

The Department's preliminary designations of resource recovery equipment in this report shall not preclude the Department from granting or denying certification following final examination of the same equipment, pursuant to Section 62-704.410, Florida Administrative Code.

After completing the preliminary examination, the Department has determined that all of the equipment listed in the applicant's equipment list (attached as Appendix A) may be resource recovery equipment as defined in Section 403.703(12), Florida Statutes.

This report is issued this 13th day of May, 1999.



John M. Ruddell, Director
Division of Waste Management

APPENDIX A

Listing of Major Equipment for CONSOLIDATED RESOURCE RECOVERY, INC. (Facility Name)

Item No.	Item Description	Number of Pieces	Process Description, page reference	Drawing No.	Drawing Item No.	Equipment Cost
	MORBAYLK 7600 WOOD HOC SN# 185.1011		MANATEE ACMT SERRA-SITA ACMT			392,275.00

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DISTRICT ROUTING SLIP

To: Ed Butera

DATE: 5/12/99

cc To

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

☐

Reply Optional
Date Due _____

☐

Reply Required
Date Due _____

☒

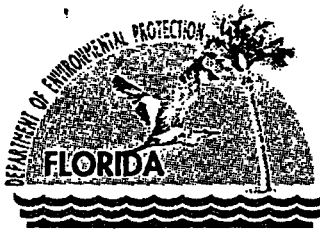
Info Only

Comments:

RECEIVED
MAY 14 1999
Department of Environmental Protection
BY SOUTH-WEST DISTRICT

From: Janet Clark

Tel: 50291-9967



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

May 12, 1999

Mr. Melton McKown
Florida Department of Revenue
Tax Policy and Dispute Resolution
Post Office Box 7443
Tallahassee, Florida 32314-7443

Dear Mr. McKown:

Enclosed is a copy of the Application for Preliminary Examination of resource recovery equipment at the Lena Road Landfill in Manatee County. We are reviewing the application for compliance with Section 62-704.400, Florida Administrative Code. Our Preliminary Examination Report will be forwarded to you when complete.

Sincerely,

Jan Rae Clark
Environmental Manager
Solid Waste Section

JRC/jrc

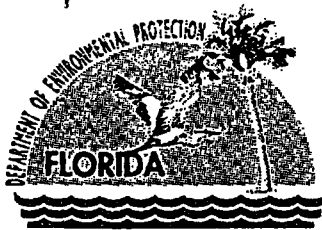
Enclosure

cc: Bob Butera
File

RECEIVED
MAY 14 1999
Department of Environmental Protection
BY SOUTHWEST DISTRICT

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

Printed on recycled paper.



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

May 12, 1999

Mr. Michael Calhoon
Kennetech Resource Recovery
6447 33rd Street East
Sarasota, Florida 34243

Dear Mr. Calhoon:

We have determined that your Application for Preliminary Examination of resource recovery equipment at the Lena Road Landfill in Manatee County is complete.

We are completing the Preliminary Examination Report. You should receive a copy of this report within the next 10 days.

Sincerely,

Jan Rae Clark
Environmental Manager
Solid Waste Section

JRC/jrc

cc: Bob Butera
Melton McKown
File



MANATEE
627 SCREEN

Application for

☒ Preliminary Examination

☐ Final Examination and Certification

of Resource Recovery and Recycling Equipment

AUG 04 1997

An application for preliminary examination of proposed Resource Recovery equipment is required for issuance of preliminary examination report pursuant to Rule 17-704.400, Florida Administrative Code (F.A.C.). An application for final examination and certification is required for final examination and certification of Resource Recovery equipment, pursuant to Rule 17-704.410, F.A.C. An applicant may not apply for final examination and certification of Resource Recovery equipment before that equipment is installed.

1. Identity of Applicant

Applicant's Name: KENETECH RESOURCE RECOVERY INC
Mailing Address: 6447 33rd STREET EAST SARASOTA, FLORIDA 34243
Phone Number: (813) 756-0977

2. a. Name of the facility or project: KENETECH RESOURCE RECOVERY INC. RECYCLE CENTER

b. Construction permit number for the facility: - NOT UNDER CONSTRUCTION -

c. Street address of the facility (Main Entrance): SAME AS ABOVE

d. Estimate the date when the facility or project will be ready for operation: ONGOING SINCE 1992

3. Name of the unit of local government that will eventually own or benefit from the resource recovery equipment:

MANATEE COUNTY, FL

Attach proof of contractual agreement between the purchaser of the equipment and the unit of local government which is to benefit from or own the resource recovery equipment.

4. Describe the resource recovery process (include technology used and materials or energy recovered): Attach descriptions (including blueprints, drawings, engineering plans, etc.) that will indicate where and how the equipment is integrated into the resource recovery process. (attach additional sheets, if necessary)

SEE ATTACHMENT

5. Attach a numbered listing of equipment which the applicant declares is qualified resource recovery equipment subject to the exemption provisions of Rule 17-704.400, 17-704.410, 17-704.420, and 12A-1.001(27), F.A.C., using the format on page 3.

- a. Use the "Item No." column to sequentially number equipment on the list.
- b. Use the "Item Description" column to provide the name and a brief description of the equipment.
- c. Use the "Number of Pieces" column to indicate how many of this particular piece of equipment are being certified.
- d. Use the "Process Description" column to indicate the page number of the process description text where the equipment and its function is described.

If drawings are submitted as supporting documentation:

- e. Use the "Drawing Number" column to indicate the drawing number on which the equipment is shown.
- f. Use the "Drawing Item No." column to indicate what number on the drawing represents this piece of equipment.
- g. Use the "Equipment Cost" column to indicate the cost of the equipment.

DER Form	17-704.900(1)
As of Program Exam, Final Exam & Can	
From Year of Resource Recovery & Recycling Equipment	
Effective Date	August 14, 1990
DER Application No.	

6. Certification A shall be completed if the applicant wishes to certify only equipment appearing on the list in Rule 17-704.600, F.A.C.

Certification B shall be completed if the applicant wishes to certify equipment not appearing on the list in Rule 17-704.600, F.A.C., or equipment appearing on the list in Rule 17-704.600, F.A.C. together with auxiliary equipment.

Certification A

I hereby certify that the equipment contained herein is Resource Recovery Equipment as defined in Rule 17-704.200(12), F.A.C. I further certify that all of the equipment meets the criteria set forth in Rule 17-704.420, F.A.C., and all of the equipment appears on the list in Rule 17-704.600, F.A.C.

Michael R Calhoun
Signature of Purchaser

MICHAEL R CALHOON
Name and Title
Date: 4.20.97

Certification B

I hereby certify that the equipment contained herein is Resource Recovery Equipment as defined in Rule 17-704.200(12), F.A.C. I further certify that the equipment, including all auxiliary equipment associated with that equipment, meets the criteria set forth in Rule 17-704.420, F.A.C.

Affix Seal Here

Signature of Professional Engineer

Name and Title
Florida Registration No. _____
Date _____

7. The undersigned applicant is aware that statements made in this form and attached exhibits constitute an application for certification of Resource Recovery equipment from the Florida Department of Environmental Regulation. The applicant certifies that the information in this application is true, correct, and complete to the best of his knowledge and belief.

Michael R Calhoun
Signature of Applicant

MICHAEL R CALHOON
Name and Title
Date 4.20.97

An applicant shall submit four (4) copies of the application to:

Environmental Administrator
Solid Waste Section
Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
904/922-6104

Listing of Major Equipment for KENETECH RESOURCE RECOVERY, INC. (Facility Name)

Item No.	Item Description	Number of Pieces	Process Description, page reference	Drawing No.	Drawing Item No.	Equipment Cost
10.77	627 GDS TROMMEL SCREEN SN# 1GPUP4724TRIP6004	1	ADDENDUM #2	N/A	N/A	115,000



M - GDS Systems
104 N. Main St.
New Providence, LA 50206
(800) 800-1812 or (515) 497-5260
fax: (515) 497-5224

INVOICE

Bill To:
Consolidated Resource Recovery 6728 33rd St. East Sarasota, FL 34243

Ship To:

Sales Rep	FOB	SHIP VIA	Terms	Date
Loran Balvanz			Wire	4/24/97

Qty	Item	Description	Unit Pr	Total
1	PT-627	Trommel Screen & Conveyor		\$115,000.00
		1 G9 4P4424 TRIP 6004		
		Less Deposit		(\$5,000.00)

TOTAL DUE	\$110,000.00

"KENETECH RESOURCE RECOVERY, INC."
HAS ASSUMED THE RIGHTS AND OBLIGATIONS
OF THIS CONTRACT WITH MANATEE COUNTY, FLORIDA
FROM THE ORIGINAL CONTRACTOR,
"RESOURCE RECOVERY INDUSTRIES, INC."

AGREEMENT FOR
PROCESSING OF WOOD/YARD WASTES

THIS AGREEMENT is made and entered into by and between the COUNTY OF MANATEE, a political subdivision of the State of Florida, hereinafter referred to as the "County", with offices located at 1112 Manatee Avenue West, Bradenton, Florida, 34205-7804, and Resource Recovery Industries, Inc., a corporation organized in accordance with the laws of the State of Florida, hereinafter referred to as the "Contractor", duly authorized to transact business in the State of Florida, with offices located at 6447 33rd Street East, Sarasota, Florida 34243.

WHEREAS, the County has determined that it is necessary, expedient and in the best interest of the County to retain, obtain or employ the Contractor to perform processing of wood/yard wastes at the Lena Road Landfill facility; and

WHEREAS, the County caused a public announcement to be made, distributed and published, requesting proposals (RFP #909021), attached as composite Exhibit "A" (consisting of 12 pages), for the hereinafter identified contractual services; the Contractor submitted such a proposal, the County conducted a competitive selection procedure concerning said proposals, and this Agreement is entered into as a result of said competitive selection procedure.

W I T N E S S E T H

For and in consideration of the foregoing premises and the mutual covenants herein contained, it is agreed by and between the parties hereto as follows:

ARTICLE 1. SCOPE OF AGREEMENT

This Agreement sets forth the general terms and conditions pursuant to which the County retains the Contractor to provide contractual services for the processing of wood/yard wastes at the Lena Road Landfill facility.

The services to be performed are fully delineated in composite Exhibits "A" and "B", (consisting of 12 pages and 3 pages, respectively), attached hereto and made a part hereof, and shall be performed only after receipt by the Contractor of a written "Notice to Proceed".

The Contractor is expected to perform and fully complete the work defined in the scope of work as set forth in composite Exhibits "A" and "B", to the reasonable satisfaction of the County, and in accordance with all Florida Department of Environmental Regulation rules, including, but not limited to, Chapter 17-709, F.A.C.

Upon receipt of the aforementioned "Notice to Proceed," the Contractor shall expeditiously mobilize and begin processing of existing wood and yard waste piles at the County landfill, and shall thereafter process, at the request and direction of the County's agent, all new wood and yard wastes arriving at the landfill, all as outlined in attached composite Exhibit "B". Options (1) and (2), as outlined in attached composite Exhibit "B", shall be undertaken by the Contractor only as directed by the County's agent.

ARTICLE 2. ADDITIONAL SERVICES

If the Contractor finds that additional work would extend the value and scope of the project and is inclined to recommend

such additional work, it may only be undertaken following approval for such additional services and associated expenses by Manatee County and receipt of a formal "Change Order" from the County.

ARTICLE 3. COMPENSATION AND TIME OF PAYMENT

The County shall compensate the contractor for tasks delineated in Article 1 in an amount not to exceed the cost stated in the rate schedule contained in attached composite Exhibit "B".

Payment shall not be made more often than once each month upon presentation of a detailed invoice showing the total tonnages which have been disposed of within the previous month.

The Contractor agrees to permit full and open inspection of payroll records and other expenditure records in connection with the project upon the request of the County.

The County shall remit payment of each monthly invoice within 45 days after the receipt of an acceptable invoice for services.

ARTICLE 4. DURATION AND TERMINATION

A. This Agreement shall remain in full force and effect for five (5) years from the date of full execution, with the option for one (1) two (2) year renewal upon mutual agreement of the parties hereto and upon execution of a properly authorized written amendment to this Agreement.

B. This Agreement may be terminated in its entirety by either of the parties hereto by giving ninety (90) days advance written notice to the other party. If the Agreement is duly terminated in its entirety by the County, the Contractor shall be

entitled to compensation for all services rendered or performed pursuant to the provisions of this Agreement through the date of termination, together with all authorized costs and expenses incurred in connection therewith. If this Agreement is duly terminated in its entirety by the Contractor, the Contractor shall be entitled to compensation for only those tasks fully performed and completed as of the date of the termination. If the Contractor terminates this Agreement, the Contractor shall not be entitled to any compensation for an incomplete task.

ARTICLE 5. COVENANTS BY THE COUNTY

The County hereby covenants and agrees:

A. That Daniel T. Gray, Public Works Department, is hereby appointed as the County's Agent with respect to the services to be performed by the Contractor pursuant to this Agreement. The County's Agent shall have the authority to transmit instructions, receive information, interpret and define the policy of the County and make decisions pertinent to services covered by this Agreement. The said Agent shall have the right from time to time to designate such other employees of Manatee County as he desires, to serve in his absence. The County reserves the right to designate a different Agent, provided that the Contractor is given written notice thereof.

B. To make available at no cost to the Contractor all existing records, reports, fiscal data and all other existing data which may reasonably be required for work under this Agreement and to provide full information as to the County's requirements for any work authorized hereunder.

C. To give prompt notice to the Contractor whenever the County observes or otherwise becomes aware of any defect in the performance of work under this Agreement.

D. To give careful and reasonable consideration to the findings and recommendations of the Contractor and to respond in a timely manner so as not to unduly delay the Contractor's work being performed pursuant to a valid Work Assignment.

E. To perform those functions set forth on pages 11 and 12 of attached composite Exhibit "A".

F. To perform all of the above functions at no cost to the Contractor.

ARTICLE 6. PROPERTY OF THE COUNTY

All reports, studies, and data prepared or obtained by the Contractor pursuant to this Agreement, become the property of the County without restriction or limitation on their use and shall be made available upon request of the County at any reasonable time, including all finished and unfinished documents and other material prepared or obtained by the Contractor upon the termination of this Agreement in whole or in part under the provisions of this Agreement.

ARTICLE 7. INDEMNIFICATION

The Contractor hereby agrees to indemnify, defend, save and hold harmless the County from all claims, demands, liabilities, and suits of any nature whatsoever, arising out of, because of, or due to any negligence, error, omission, act of professional malpractice or breach of this Agreement by the Contractor, its subcontractor(s), agents or employees. It is specifically understood and agreed that this indemnification agreement does

not cover or indemnify the County for its own negligence or breach of contract.

ARTICLE 8. INSURANCE

The Contractor shall secure and maintain such insurance coverage as required in attached composite Exhibit "A", the entire cost of which shall be borne by the Contractor. The Contractor further agrees to name the County as an additional insured under such policies and to provide the County with written certification evidencing such insurance coverage.

ARTICLE 9. LEGAL RESTRAINTS AND LIMITATIONS

The Contractor acknowledges that the County, as a unit of local government and a political subdivision of the State of Florida, is subject to restraints, limitations, regulations and controls imposed or administered pursuant to numerous applicable laws, ordinances, rules and regulations of federal, state, regional and certain local governmental agencies or authorities. The Contractor agrees that all professional services rendered or performed by the Contractor pursuant to the provisions of this Agreement shall be in compliance therewith. The Contractor shall obtain, at Contractor's sole cost, all necessary permits and licenses to perform the service herein contemplated.

ARTICLE 10. TRANSFER OF WORK (SUCCESSORS AND ASSIGNS)

The Contractor shall not sublet, assign or transfer any interest or obligation under this Agreement without prior written approval from the County.

ARTICLE 11. QUALITY OF WORK

The services shall be performed by the Contractor to the reasonable satisfaction of the County, and all questions,

difficulties and disputes of any nature whatsoever that may arise under or by reason of this Agreement, the prosecution and fulfillment of the services hereunder and the character, quality, amount and value thereof, which cannot be settled by mutual agreement of the parties, shall be settled by recourse to litigation under Florida law. Any such lawsuit shall be filed only in Manatee County, Florida.

ARTICLE 12. SOLICITATION OF CONTRACT

The Contractor warrants that it has not employed or retained any company or person other than a bona fide employee working solely for the Contractor to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person other than a bona fide employee working solely for the Contractor, any fee, commission, percentage, brokerage fee, gift, contingent fee, or any other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the County shall have the right to annul this Agreement without liability or at its discretion to deduct from the contract price or consideration or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

ARTICLE 13. NOTICES

All notices, requests and authorizations provided for herein shall be in writing and shall be delivered by hand, by overnight mail or through the U.S. Mail, addressed as follows:

If to the County: Public Works Department
 4501 66th Street West
 Bradenton, Florida 34209

 Attention: Daniel T. Gray

If to the Contractor: Resource Recovery Industries, Inc.
6447 33rd Street East
Sarasota, Florida 34243

Attention: Loran R. Balvanz,
President

or addressed to either party at such other address as such party shall hereafter furnish to the other party in writing. If any such notice, request or authorization is delivered by hand, it shall be deemed to have been received when so delivered. If any such notice, request or authorization is delivered through the U.S. Mail, it shall be by registered or certified mail, postage paid and return receipt requested, and shall be deemed to have been received when deposited in the U.S. Mail, except,

- A. any Notice of Termination of this Agreement, if deposited in the U.S. Mail, shall be effective only when received; and
- B. any "Work Assignment" pursuant to the terms of this Agreement, if deposited in the U.S. Mail, shall be effective only when received.

ARTICLE 14. GOVERNING LAW

This Agreement shall be governed by the laws of the State of Florida.

ARTICLE 15. SUBCONTRACTORS

It is expected that the Contractor shall have standard in-house capability to provide all the services required by this Agreement; however, should the Contractor find it necessary to utilize the services of a subcontractor, the Contractor shall first obtain the written approval of the County. The Contractor shall also require each subcontractor to adhere to applicable provisions of this Agreement. The utilization of any such

subcontractor by the Contractor shall not relieve the Contractor from any liability or responsibility to the County pursuant to the provisions of this Agreement or obligate the County to the payment of any compensation to the subcontractor or additional compensation to the Contractor.

ARTICLE 16. NON-DISCRIMINATION PROCEDURES

During the performance of this Agreement, the Contractor agrees as follows:

A. The Contractor will not discriminate against any employee or applicant for employment because of race, creed, sex, color, national origin or age, and will take affirmative action to insure that all employees and applicants are afforded equal employment opportunities without discrimination because of race, creed, sex, color, national origin or age. Such action will be taken with reference to, but shall not be limited to, recruitment, employment, job assignment, promotion, upgrading, demotion, transfer, layoff or termination, rates of training or retraining, including apprenticeship and on-the-job training.

B. No person in the United States shall, on the grounds of race, creed, sex, color, national origin or age, be excluded from participation in, be denied the proceeds of, or be subject to discrimination in the performance of this Agreement.

**ARTICLE 17. LEGAL QUALIFICATIONS AND
ETHICAL CONSIDERATIONS**

The Contractor warrants that it is a regionally known and recognized contracting firm, and that it is duly permitted by the laws of the State of Florida to render the services required under this Agreement, in the State of Florida. The Contractor

recognizes that in rendering or performing professional services pursuant to the provisions of this Agreement, the Contractor is working for the residents of Manatee County, Florida, subject to public observation, scrutiny and inquiry, and based upon said recognition the Contractor shall, in all of its relationships with the County pursuant to this Agreement, conduct itself in accordance with all of the recognized applicable ethical standards of the industry.

ARTICLE 18. KEY PERSONNEL

The following Key personnel are hereby assigned to the project by the Contractor and shall not be removed from the project until alternate personnel acceptable to the County are approved, in writing, by the County:

Loran R. Balvanz, President

ARTICLE 19. ACCEPTANCE

When the services of the Contractor for any task or work assignment are complete, the Contractor shall notify the County in writing. Thereupon the County, before the Contractor's departure from the site, shall either provide its written acceptance or shall notify the Contractor of any services or services to be corrected. However, written acceptance of the work performed by the Contractor shall not be construed to be an acceptance of latent improper, defective or deficient work.

ARTICLE 20. FORCE MAJEURE

Neither party shall be considered in default in performance of its obligations hereunder to the extent that performance of such obligations, or any of them, is delayed or prevented by

Force Majeure. Force Majeure shall include, but not be limited to, revolution, civil commotion, strike, epidemic, accident, fire, flood, wind, earthquake, explosion, lack of or failure of transportation facilities, any law, proclamation, regulation, ordinance or other act of government, or any act of God or any cause whether of the same or different nature, existing or future; provided that the cause, whether or not enumerated in this Article, is beyond the control and without the fault or negligence of the party seeking relief under this Article.

ARTICLE 21. CONFIDENTIALITY OF RECORDS

The Contractor expressly agrees to keep confidential all data, findings, progress statements, conclusions or any other matters which are not otherwise public information, and not to divulge any material or information to anyone outside the employment of the County without the express written consent or direction of the County. Violation of this provision will be grounds for immediate termination of this Agreement at the discretion of the County.

ARTICLE 22. AUTHORITY TO EXECUTE

Each of the parties hereto covenants to the other party that he/she/it has lawful authority to enter into this Agreement, and that each of the parties has authorized the execution of this Agreement in the manner hereinafter set forth.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement for Processing of Wood/Yard Wastes to be executed in duplicate, on the day and in the year appearing below the respective signatures.

THE CONTRACTOR agree to perform or render service in accordance with this Agreement for Processing of Wood/Yard Wastes (RFP 909C) according to the method of compensation as set forth within this Agreement, upon authorization by Manatee County.

RESOURCE RECOVERY INDUSTRIES, INC.

BY: [Signature]

TITLE: Pres

DATE: 2-28-91

WITNESSES:

[Signature]
Steve A. Lubbere

STATE OF Florida

COUNTY OF MANATEE

The foregoing instrument was acknowledged before me this 28th day of February, 1991, by Charles R. Salenke of Resource Recovery corporation, on behalf of the corporation.

(impress official seal)

[Signature]
Notary Public, State of Florida

My commission expires: NOTARY PUBLIC: STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES JAN. 3rd 1993
BONDED THRU AGENT'S NOTARY BROKERAGE

RECOMMENDED BY MANATEE COUNTY PUBLIC WORKS DEPARTMENT:

BY: [Signature]
Richard A. Wilford, Director

APPROVED AS TO FORMAT AND CORRECTNESS:

MANATEE COUNTY PURCHASING

BY: [Signature]
R.C. "Rob" Cuthbert, Purchasing Director

APPROVED, with a quorum present and voting this 2nd day of April, 1991.

ATTEST: R. B. SHORE
Clerk of the Circuit Court

COUNTY OF MANATEE, FLORIDA
by its Board of County Commissioners

BY: [Signature]
PATRICIA M. GLASS, CHAIRMAN

DATE: April 2, 1991

AFFIDAVIT OF NO CONFLICT

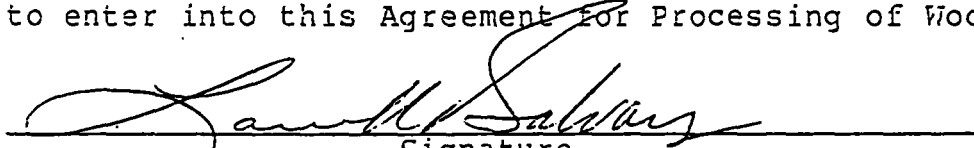
STATE OF Florida

COUNTY OF Manatee

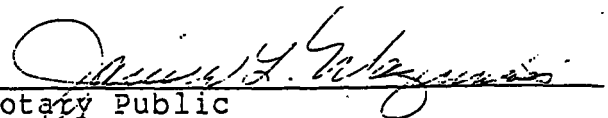
BEFORE ME, the undersigned authority, this day personally appeared LOREN R. BALCANEZ, a principal with full authority to bind Resource Recovery Industries, Inc., (hereinafter the "Contractor"), who being first duly sworn, deposes and says: The Contractor

- (a) is not currently engaged and will not become engaged in any obligations, undertakings or contracts that will require the Contractor to maintain an adversarial role against the County or that will require the representation of clients before the Board of County Commissioners, or that will impair or influence the advice, recommendations or quality of work provided to the County; and
- (b) shall provide full disclosure of all potentially conflicting contractual relationships and full disclosure of contractual relationships deemed to raise a question of conflict(s); and
- (c) shall provide full disclosure of prior work history and qualifications that may be deemed to raise possible question of conflict(s).

Affiant makes this affidavit for the purpose of inducing Manatee County, a political subdivision of the State of Florida, to enter into this Agreement for Processing of Wood/Yard Wastes.


Signature

SUBSCRIBED to and sworn before me this 28th day of February, 1991.


Notary Public
My commission expires: _____

NOTARY PUBLIC, STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES JAN. 31, 1993
BONDED THRU AGENT'S NOTARY BROKERAGE



MANATEE COUNTY GOVERNMENT

REQUEST FOR PROPOSAL #909021

PROCESSING OF WOOD/YARD WASTES

A. SUBMITTAL

A.01 TIME & DATE DUE

Manatee County, a political subdivision of the State of Florida (hereinafter "Manatee County" or the "County") will receive sealed proposals from individuals, corporations, partnerships, and other legal entities organized under the laws of the State of Florida or authorized to conduct business in the State of Florida, until

3:00 P.M., OCTOBER 3, 1990

A.02 OPENING LOCATION

These proposals will be publicly opened in the Manatee County Purchasing, 2908 12th Street Court East, Bradenton, Florida in the presence of County officials at the above stated time and date. All proposers or their representatives are invited to be present.

A.03 DELIVERY REQUIREMENTS

Any proposals received after above stated time and date will not be considered. It shall be the sole responsibility of the proposer to have their proposal delivered to the Manatee County Purchasing Office for receipt on or before the above stated time and date. If a proposal is sent by U.S. Mail, the proposer shall be responsible for its timely delivery to the Purchasing Office. Proposals delayed by mail shall not be considered, shall not be opened at the public opening, and arrangements shall be made for their return at the proposers request and expense.

A.04 CLARIFICATION & ADDENDA

Each proposer shall examine all requests for proposal documents and shall judge all matters relating to the adequacy and accuracy of such documents. Any inquiries, suggestions or requests concerning interpretation, clarification or additional information pertaining to the request for proposal shall be made through the Manatee County Purchasing Office. The County shall not be responsible for oral interpretations given by any County employee, representative, or others. The issuance of a written addendum is the only official method whereby interpretation, clarification or additional information can be given. If any addenda are issued to this request for proposal, the County will attempt to notify all prospective proposers who have secured same, however, it shall be the responsibility of each proposer, prior to submitting the proposal, to contact the Manatee County Purchasing Office at (813) 748-4501 ext. 3352 to determine if addenda were issued and to make such addenda a part of the proposal.

A.05 SEALED & MARKED

Eight signed copies of your proposal shall be submitted in one sealed package, clearly marked on the outside "Sealed Proposal for RFP #909021 Wood/Yard Waste and addressed to:

Manatee County Purchasing
2908 12th Street Court East
Bradenton, Florida 34208-3998

A.06 LEGAL NAME

Proposals shall clearly indicate the legal name, address and telephone number of the proposer (company, firm, partnership, individual). Proposals shall be signed above the typed or printed name and title of the signer. The signer shall have the authority to bind the proposer to the submitted proposal.

A.07 PROPOSAL EXPENSES

All expenses for making proposals to the County are to be borne by the proposer.

A.08 IRREVOCABLE OFFER

Any proposal may be withdrawn up until the date and time set above for opening of the proposals. Any proposals not so withdrawn shall, upon opening, constitute an irrevocable offer for a period of 90 days to sell to Manatee County the goods or services set forth in the attached specifications until one or more of the proposals have been duly accepted by the Board of County Commissioners. Board action on proposals normally will be taken within 45 days of opening, however, no guarantee or representation is made herein as to the time between the proposal opening and subsequent Board action.

A.09 RESERVED RIGHTS

The County reserves the right to accept or reject any and/or all proposals, to waive irregularities and technicalities, and to request resubmission. Any sole response received the first submission date may or may not be rejected by the County depending on available competition and timely needs of the County. There is no obligation on the part of the County to award the contract to the lowest proposer and the County reserves the right to award the contract to the lowest responsible proposer submitting a responsive proposal with a resulting negotiated agreement which is most advantageous and in the best interests of the County. The County shall be the sole judge of the proposal and the resulting negotiated agreement that is in its best interest and its decision shall be final. Also, the County reserves the right to make such investigation as it deems necessary to determine the ability of any proposer to perform the work or service requested. Information the County deems necessary to make this determination shall be provided by the proposer. Such information may include, but shall not be limited to; current financial statements by an independent CPA; verification of availability of equipment and personnel; and past performance records.

A.10 APPLICABLE LAWS

All applicable laws and regulations of the State of Florida and ordinances and regulations of Manatee County will apply to any resulting agreement. Any involvement with any Manatee County Procurement shall be in accordance with Manatee County Procurement Code Ordinance 84-02. Appeals and remedies are provided for in Section 9-101(1) of the Procurement Code. Protestors shall seek resolution of their complaints initially with the Purchasing Director, and secondly with the County Administrator prior to protesting to the Board of County Commissioners. A protest with respect to this request for proposal shall be submitted in writing prior to the scheduled opening date of this proposal, unless the aggrieved person did not know and could not have been reasonably expected to have knowledge of the facts giving rise to such protest prior to the scheduled opening date of this proposal. The protest shall be submitted within six calendar days after such aggrieved person knows or could have reasonably been expected to know of the facts giving rise thereto. All claims by a proposer against the County relating to a contract, except proposal protests, shall be submitted in writing to the Purchasing Director for a decision as required by Section 9-103 of the Manatee County Procurement Code.

A.11 CODE OF ETHICS

With respect to this proposal, if any proposer violates or is a party to a violation of the Code of Ethics of Manatee County per Manatee Procurement Code Ordinance 84-02, Article 2, Ethics in Public Contracting, and/or the State of Florida per Florida Statutes, Chapter 112, Part III, Code of Ethics for Public Officers and Employees, such proposer may be disqualified from performing the work described in this proposal or from furnishing the goods or services for which the proposal is submitted and shall be further disqualified from submitting any future proposals for work or for goods or services for Manatee County.

A.12 COLLUSION

By offering a submission to this request for proposal the proposer certifies the proposer has not divulged to, discussed or compared his proposal with other proposers and has not colluded with any other proposer or parties to this proposal whatever. Also, proposer certifies, and in the case of a joint proposal each party thereto certifies as to his own organization, that in connection with this proposal:

- a. any prices and or cost data submitted have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices and or cost data, with any other proposer or with any competitor;
- b. any prices and or cost data quoted for this proposal have not been knowingly disclosed by the proposer and will not knowingly be disclosed by the proposer prior to the scheduled opening directly or indirectly to any other proposer or to any competitor;

- c. no attempt has been made or will be made by the proposer to induce any other person or firm to submit or not to submit a proposal for the purpose of restricting competition;
- d. the only person or persons interested in this proposal as principal or principals is/are named therein and that no person other than therein mentioned has any interest in this proposal or in the contract to be entered into; and
- e. no person or agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee excepting bona fide employees or established commercial agencies maintained by the Purchaser for the purpose of doing business.

A.13 CONTRACT FORMS

Any agreement or contract resulting from the acceptance of a proposal shall be on forms either supplied by or approved by the County and shall contain, as a minimum, applicable provisions of the request for proposal, and the proposers submission to the proposal. Any variance whatsoever from the proposal as submitted, that the proposer may request be included in the contract, shall be at the sole discretion of the County. The County reserves the right to reject any agreement which does not confirm to the request for proposal and any County requirements for agreements and contracts.

A.14 INDEMNIFICATION

The successful proposer covenants and agrees to indemnify and save harmless the County, its agents and employees, from and against all claims, suits, actions, damages or causes of actions, or judgments arising out of the terms of the resulting agreement for any personal injury, loss of life or damage to property sustained as a result of the performance or non-performance of services or work; from and against any orders, judgments, or decrees, which may be entered against the County, its agents or employees; and from and against all costs, attorney's fees, expenses and other liabilities incurred in the defense of any such claim, suit or action, and the investigation thereof. Nothing in the award, resulting agreement, contract or Purchase Order shall be deemed to affect the rights, privileges and immunities of the County as set forth in Florida Statute Section 768.28.

A.15 PROPOSAL FORMS

Proposals must be submitted on attached County form(s), although additional pages may be attached. Proposers must indicate any variances from the County requested specifications, terms and conditions, otherwise proposers must fully comply with the County requested specifications, terms and conditions. Alternate proposals may or may not be considered at the sole discretion of the County.

A.16 SELECTION

Membership of the Selection Committee may be determined and or announced just prior to the scheduled opening or selection time. The duly appointed Selection Committee shall rank proposers. If there are more than three proposers the Selection Committee shall select at least the top three proposers to be ranked. Within a few days after proposals have been opened, any selected proposers notified by the Selection

Committee should be prepared to meet with the Selection Committee at the time and date determined by the Selection Committee. Selection Committee determinations shall be based upon the Selection Committee's ability to differentiate qualifications applicable to the scope and nature of the services to be performed per this request for proposal. Determinations shall be based on but not limited to the following considerations:

- a. competence, including technical education and training, experience in previous undertakings of this kind of proposal, capability, availability of adequate personnel, equipment and facilities, the extent of repeat business, and, where applicable, the relationship of cost estimates to actual costs on previous undertakings;
- b. current work load;
- c. financial responsibility;
- d. ability to observe and advise whether specifications are being complied with, where applicable;
- e. past record of professional accomplishments;
- f. proximity of the project involved;
- g. past record of performance for the County and/or for other governmental entities.
- h. ability to design an approach and management plan to meet the requirements and needs of the County;
- i. whether the proposer (firm) is a certified minority business enterprise as defined by the Florida Small and Minority Business Assistance Act; and
- j. other specific selection criteria that may be mentioned in the scope of this proposal.

A.17 PROJECT SUMMARY

Proposers shall submit an executive summary consisting of no more than three (3) typewritten pages which describe their understanding of the project requirements.

A.18 PUBLIC ENTITY CRIMES

Florida Statutes Section 287.133(3)(a) requires that prior to award of a contract for goods or services, including building construction contracts in excess of Threshold Category II (\$3,500), a sworn statement (Form PUR 7063 (Rev.11/89)) shall be submitted.

**SWORN STATEMENT UNDER SECT 287.133(3)(a),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC
OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid, Proposal or Contract No. _____ for _____.
2. This sworn statement is submitted by Resource Recovery Industries
(name of entity submitting sworn statement)
whose business address is 10308 US 41 N
Palmetto FL 34221 and
(if applicable) its Federal Employer Identification Number (FEIN) is 65-0104036.
(If the entity has no FEIN, include the Social Security Number of the individual
signing this sworn statement: _____.)
3. My name is LORNE R BALANCE and my relationship to the
(please print name of individual signing)
entity named above is President.
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids

applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)

(Signature)

Date: _____

STATE OF _____

COUNTY OF _____

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

(name of individual signing) who, after first being sworn by me, affixed

his/her signature in the space provided above this _____ day of _____, 19____.

NOTARY PUBLIC

My commission expires:

A.19 INSURANCE

The proposer will not commence work under a contract until all insurance under this section and such insurance coverage as might be required by the County has been obtained.

Minimum amounts of insurance (inclusive of any amounts provided by an umbrella or excess policy) shall be/as follows:

a. Workers' Compensation/Employers' Liability

Part One - There shall be no maximum limit (other than as limited by the applicable statute) for liability imposed by Florida Worker's Compensation Act, the Longshoremen's and Harbor Workers' Compensations Act or any other coverages required by the contract documents which are customarily insured under Part One of the standard Worker's Compensation Policy.

Part Two - The minimum amount of coverage for those coverages required by the contract documents which are customarily insured under Part Two of the standard Workers' Compensation Policy shall be:

<u>\$100,000</u>	(Each Accident)
<u>\$500,000</u>	Disease-Policy Limit)
<u>\$100,000</u>	(Disease-Each Employee)

b. Commercial General Liability

The limits are to be applicable only to work performed under this contract and shall be those that would be provided with the attachment of the Amendment of Limits of Insurance (Designated Project or Premises) endorsement (ISO Form CG 25 01) to a Commercial General Liability Policy with the following minimum limits.

General Aggregate

Products/Completed Operations Aggregate	\$ 300,000
Personal and Advertising Injury	\$ 300,000
Each Occurrence	\$ 300,000
Fire Damage (Any One Fire)	\$ Nil
Medical Expense (Any One Person)	\$ Nil

c. Business Auto Policy

Each Occurrence Bodily Injury and Property Damage Liability Combined	\$ 300,000
Annual Aggregate (If Applicable)	Three Times The Each Occurrence Limit

d. Owners Protective Liability Coverage

The minimum CCP Policy limits per occurrence and, if subject to an aggregate, annual aggregate to be provided by the Proposer shall be the same as the amounts shown above as the minimum per occurrence and general policy aggregate limits respectively required for the Commercial General Liability Coverage. The limits afforded by the CCP Policy and any excess policies shall apply only to the Owner and the Owner's officials, officers, agents and employees and only to claims arising out of or in connection with the work under this contract.

- e. Certificates of Insurance and Copies of Policies - Certificates of Insurance in triplicate evidencing the insurance coverage specified in the three above paragraphs a., b., and c., shall be filed with the Purchasing Director before operations are begun. The required certificates of insurance shall not only name the types of policy, policy number, date of expiration, amount of coverage, companies affording coverages, and also shall refer specifically to the bid number, project title and location of project. Insurance shall remain in force at least one (1) year after completion and acceptance of the project by the County, insurance in the amounts and types as stated herein, coverage for all products and services completed under this contract.

ADDITIONAL INSURED: - The County of Manatee shall be specifically named as an additional insured.

If the initial insurance expires prior to the completion of operations and or services by the proposer, renewal certificates of insurance and required copies of policies shall be furnished by the proposer and delivered to the Purchasing Director thirty (30) days prior to the date of their expiration.

- f. Professional Liability The Proposer, at its own cost and expense, shall effect and maintain at all times during the life of this Agreement a good and sufficient professional liability insurance policy of not less than Five Hundred Thousand Dollars \$500,000, protecting the Proposer against claims of the County for negligence, errors, mistakes, or omissions in the performance of the services to be performed and furnished by the Proposer.

Nothing herein contained shall in any manner create any liability against the County on behalf of any claim for labor, services, or materials, or of subcontractors, and nothing herein contained shall affect the liability of the Proposer or his sureties to the County or to any workmen or materialmen upon bond given in connection with this Agreement.

THIS FORM MUST BE RETURNED WITH YOUR PROPOSAL

PROPOSAL SIGNATURE FORM

RFP 909021

WOOD/YARD WASTES

Firm Name Home Office Address

City, State Telephone Number

Address: Branch office servicing Manatee County other than above

Name, Title & Telephone No. of contact Representative for County

The undersigned attests to his (her, their) authority to submit this proposal and to bind the firm herein named to perform as per contract, if the firm is awarded the Contract by the County.

Signature

Witness Signature

Date

Typed Name and Title
of above signer

Typed Name and Title
of above signer

REQUEST FOR PROPOSAL

PROCESSING OF WOOD/YARD WASTES

PURPOSE

The intent of this Request for Proposal is to enter into a contract for the processing of wood/yard wastes accepted at the Lena Road Landfill Facility.

PERIOD OF CONTRACT

The length of the contract shall be dependent on the needs of the selected processor and that of Manatee County, upon mutual agreement of the parties in consideration of cost related equipment, operations construction, administration and personnel.

OBJECTIVES

Processing of wood/yard wastes at the Lena Road Landfill is hoped to:

- a) Conserve landfill space
- b) Conserve natural resources
- c) Meet CB1192 requirements

VENDOR RESPONSIBILITIES

- a) Vendor shall be responsible for all costs associated with equipment, operation, construction, administration and personnel related to the processing of wood/yard wastes at the Lena Road Landfill Facility.
- b) Vendor will be responsible for meeting all appropriate FDER requirements for operating such a processing operation.
- c) Vendor will provide all non-marketable processing by-products to Manatee County for use as an alternative cover material.
- d) Vendor will provide required processing costs per ton and term of contract needed to achieve proposal requirements.
- e) Vendor will be responsible for all necessary permits and licenses at their renewals related to this processing operation.
- f) Vendor will provide copies of proof of insurance and limits of liability.

MANATEE COUNTY RESPONSIBILITIES

- a) Manatee County will provide to successful vendor utilization of the Landfill scales to assist in achieving proper weight and documentation in their overall processing operation.

- b) Manatee County will make available the necessary amount of land area for vendor to meet proposal requirements, not to exceed the area boundaries currently used with the County's air curtain destructor operation.
- c) Manatee County will supervise all operations related to processing on a daily basis to insure activities are within appropriate rules and regulations.
- d) Manatee County will remove for stockpile areas all materials not conducive to processing (i.e.: mattresses, white goods, scrap metal, tires, etc..) at no cost to the vendor.

EVALUATION FACTORS

In addition to evaluating criteria listed in A.16, proposer will be expected to convincingly demonstrate that the firm;

- a) will obligate itself to perform in accordance with the schedule of Vendor Responsibilities listed herein ultimately negotiated and incorporated within the contract,
- b) will demonstrate that the firm has the professional resources to undertake the project no later than two weeks from execution of contract, and
- c) will list name, address, and previous affiliations of any sub-contractors to be used.

EXHIBIT "B"

AMENDED: December 13, 1990

RFP 909021 WOOD/YARD WASTES
MANATEE COUNTY, FLORIDA
NOVEMBER 29, 1990

SCOPE:

Existing Piles - Process material for DER cover or erosion control as per attached DER memorandum dated August 16, 1990. Material to be weighed by electronic conveyor stacking system or by use of Manatee County Landfill scales. Material to remain at same location.

Rate \$ 16.00/Ton

New Material Coming In - We suggest the existing program as we now have set up at Charlotte County, i.e. the weight of material to be processed is established at the Lena Road scale house as the material comes in. Resource Recovery will receive a weekly recap of this material tonnage.

Process material for DER cover and or erosion control as per attached DER memorandum date August 16, 1990.

*Basic Rate \$ 16.00/Ton

Option (1) Process material for mulch and DER cover with fines removed - to be used for composting.

Basic Rate plus \$ 6.50/Ton

Option (2) Process material for mulch and DER cover with fines removed - to be used for composting. This option will also complete the composting operation with by-product available for DER slope cover/daily cover as per memorandum with mulch and usable compost (when available) for sale to County agencies or the public.

Basic Rate plus \$ 10.00/Ton

*NOTE: Basic rate for processing wood waste materials for the duration of this five (5) year contract and its renewals will accelerate at the same rate as the published tipping fee for municipal waste, i.e. current rate \$16.00/Ton.

RFP 909021, Manatee County, Florida

Page 2

November 29, 1990

As Amended December 13, 1990

Conditions:

1. Whichever run option is used we can mobilize in seven (7) days. For future visits we would like to see an accumulation of 300-500 tons (or amount which will satisfy DER).
2. A full service agreement with the Contractor shall be for an initial five (5) year period, renewable for an additional two (2) year period by negotiated agreement between the County and Resource Recovery Industries, Inc.

**AGREEMENT FOR PROCESSING OF WOOD/YARD WASTES
ADDENDUM NO. 2**

THIS ADDENDUM NUMBER TWO TO AGREEMENT, is made and entered into by and between the COUNTY OF MANATEE, a political subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as the "County," with offices located at 1112 Manatee Avenue West, Bradenton, Florida 34205-7804, and KENETECH RESOURCE RECOVERY, INC., hereinafter referred to as "Contractor," duly authorized to transact business in the State of Florida, with offices at 6447 33rd Street East, Sarasota, Florida 34243.

WHEREAS, on April 2, 1991, the parties hereto entered into an Agreement for Processing of Wood/Yard Wastes, hereinafter referred to as the "Agreement"; and

WHEREAS, on December 3, 1991, the Agreement was amended (by Addendum No. 1), increasing the Basic Rate for processing of wood/yard wastes to \$18.00 per ton; and

WHEREAS, since tonnage has been much higher than originally anticipated, on November 14, 1995, the Board authorized increasing the tonnage and authorized additional funds to provide this service through April 2, 1996; and

WHEREAS, the Contractor desires a commitment for a two-year renewal of the Agreement (as contemplated by Article 4.A. of the Agreement) and has negotiated with the County to reduce the rates for this service, and it has been determined that such a renewal, at the rates described below, is in the best interest of the County at this time.

NOW THEREFORE, for and in consideration of the mutual benefits to be derived, the parties hereto agree as follows:

1. Effective January 1, 1996, the rate for processing wood/yard waste materials shall be \$16.00 per ton. This rate shall remain in effect from January 1, 1996, through the expiration date of the Agreement as set forth below.
2. The term of the Agreement shall be extended to April 1, 1998. The scope of services will be amended as follows:
 - a. Contractor will provide a full time supervisor at the County's Lena Road Landfill to oversee Contractor's operations.
 - b. All incoming material will be sorted and stockpiled by Contractor. All non-recyclable material will be loaded into a Contractor-owned container. Contractor will periodically haul the container to the Landfill's working surface, after being weighed, for disposal.
 - c. There will be no additional charge for removing fines to produce mulch and DER cover.
 - d. Contractor will produce approximately 35% by weight of incoming tons of yard waste material into material suitable for Landfill cover.
 - e. Once annually, Contractor will provide to the County at no cost, within twenty-one (21) days of the County's request, 3,000 cubic yards of Contractor's natural choice mulch. The cost of additional mulch which may be purchased by County from Contractor, shall be \$7.50 per cubic yard for the duration of this Agreement.
 - f. For purposes of this Agreement, ownership of all yard waste materials shall vest in Contractor at the time said materials are delivered to Contractor's site. Likewise, all monies received from the sale or disposal of recyclable products, excluding those materials provided to the County pursuant to this Agreement, shall be the property of Contractor without exception.
3. The Agreement for the Sale of Mulch between the parties dated January 12, 1993, including any extensions or addendums to said Agreement for the Sale of Mulch, is hereby rescinded and replaced by this Addendum No. 2.

4. All other terms and conditions of the Agreement shall remain in full force and effect during the renewal term of the Agreement.

The parties hereto have caused this Addendum No. 2 to Agreement for Processing of Wood/Yard Wastes to be fully executed, in duplicate, by their authorized representatives.

WITNESSES:

Brenda Weir
Brenda J. Boggs

KENETECH RESOURCE RECOVERY, INC.

By: [Signature]
Loren R. Balvanz Pres.
Printed name and title of signer

RECOMMENDED BY MANATEE COUNTY PUBLIC WORKS DEPARTMENT

By: [Signature]
Lenox E. Bramble, Director

APPROVED AS TO FORMAT AND CORRECTNESS, MANATEE COUNTY PURCHASING

By: [Signature]
R. C. "Rob" Cuthbert, C.P.M.
Purchasing Division Manager

APPROVED, with a quorum present and voting, this 9th day of January, 1996.

COUNTY OF MANATEE, FLORIDA
By its Board of County
Commissioners

By: [Signature]
Chairman

ATTEST:

R. B. SHORE
Clerk of the Circuit Court

[Signature]

AGREEMENT FOR PROCESSING OF WOOD/YARD WASTES
ADDENDUM NO. 1

THIS ADDENDUM TO THE AGREEMENT is made and entered into by and between the COUNTY OF MANATEE, a political subdivision of the State of Florida, hereinafter referred to as the "County," with offices located at 1112 Manatee Avenue West, Bradenton, Florida 34205-7804, and RESOURCE RECOVERY INDUSTRIES, INC., hereinafter referred to as the "Contractor," duly authorized to transact business in the State of Florida, with offices located at 6447 33rd Street East, Sarasota, Florida 34243.

WHEREAS, on April 2, 1991 the parties hereto entered into an Agreement for the Processing of Wood/Yard Wastes, hereinafter referred to as the "Agreement"; and

WHEREAS, Pursuant to the Agreement executed April 2, 1991 services shall not be rendered without written approval by the Board of County Commissioners.

WHEREAS, it has been determined there is a need to increase the Basic Rate and exercise Option No. 1 of the Agreement established April 2, 1991.

WITNESSETH:

For and in consideration of the foregoing premises and the mutual covenants herein contained, it is agreed by and between the parties hereto as follows:

1. Revise the Basic Rate for processing wood waste materials to \$18.00 per ton; and
2. Exercise Option No. 1 to process material for mulch and DER cover with fines removed - to be used for composting at the Basic Rate of \$6.60 per ton as defined in Exhibit "B" of the original Agreement.

All other terms and conditions of the Agreement (as entered into on April 2, 1991), unless specifically amended herein, shall remain in full force and effect, until final completion and acceptance of the Contractor's work.

The Contractor shall fully complete all services enumerated in accordance with the schedule set forth in Exhibit "A" and Exhibit "B" of the original Agreement.

RESOURCE RECOVERY INDUSTRIES, INC.

WITNESSES:

BY: Print Name: LOREN R. SALVANZDate: 11-18-91

RECOMMENDED BY MANATEE COUNTY PUBLIC WORKS DEPARTMENT:

BY: 

R. A. Wilford, Director

APPROVED AS TO FORMAT AND CORRECTNESS:

BY: 

R. C. "Rob" Cuthbert, Director

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DISTRICT ROUTING SLIP

To: Bob Butera

DATE: 5/11/99

CC To:

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

☐

Reply Optional
Date Due

RECEIVED

Reply Required
Date Due

☒

Info Only

Comments:

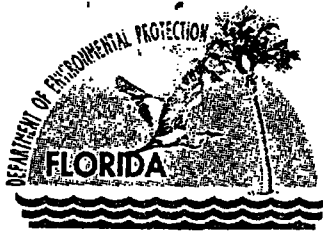
MAY 13 1999

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

From:

Tel.:

Jan Rae Clark 50291-9967



Jeb Bush
Governor

Department of
Environmental Protection

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

David B. Struhs
Secretary

May 11, 1999

RECEIVED
MAY 13 1999

Mr. Melton McKown
Florida Department of Revenue
Tax Policy and Dispute Resolution
Post Office Box 7443
Tallahassee, Florida 32314-7443

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

Dear Mr. McKown:

Enclosed is a copy of the Application for Preliminary Examination of resource recovery equipment at the Lena Road Landfill in Manatee County and the Sarasota County Solid Waste Disposal Facility. We are reviewing the application for compliance with Section 62-704.400, Florida Administrative Code. Our Preliminary Examination Report will be forwarded to you when complete.

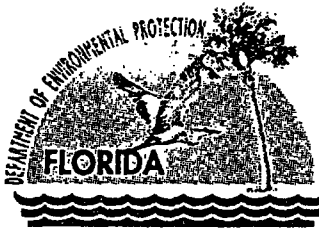
Sincerely,

Jan Rae Clark
Environmental Manager
Solid Waste Section

JRC/jrc

Enclosure

cc: Bob Butera
File



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

May 11, 1999

Mr. Michael Calhoon
Consolidated Resource Recovery
6728 33rd Street East
Sarasota, Florida 34243

Dear Mr. Calhoon

On May 10, 1999, we received your Application for Preliminary Examination of resource recovery equipment at the Lena Road Landfill in Manatee County and the Sarasota County Solid Waste Disposal Facility. We are proceeding to determine completeness of the application. Upon our determination of completeness, we will begin examination of the application.

Sincerely,

Jan Rae Clark
Environmental Manager
Solid Waste Section

JRC/jrc

cc: Bob Butera
Melton McKown
File



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

May 12, 1999

Mr. Michael Calhoon
Consolidated Resource Recovery
6728 33rd Street East
Sarasota, Florida 34243

Dear Mr. Calhoon:

We have determined that your Application for Preliminary Examination of resource recovery equipment at the Lena Road Landfill in Manatee County and the Sarasota County Solid Waste Disposal Facility is complete.

We are completing the Preliminary Examination Report. You should receive a copy of this report within the next 30 days.

Sincerely,

Jan Rae Clark
Environmental Manager
Solid Waste Section

JRC/jrc

cc: Bob Butera
Melton McKown
File



RECEIVED
MAY 13 1999

Application for
☒ Preliminary Examination
☐ Final Examination and Certification
of Resource Recovery and Recycling Equipment

Department of Environmental Protection
SOUTHWEST DISTRICT

An application for preliminary examination of proposed Resource Recovery equipment is required for issuance of preliminary examination report pursuant to Rule 17-704.400, Florida Administrative Code (F.A.C.). An application for final examination and certification is required for final examination and certification of Resource Recovery equipment, pursuant to Rule 17-704.410, F.A.C. An applicant may not apply for final examination and certification of Resource Recovery equipment before that equipment is installed.

1. Identity of Applicant CONSOLIDATED RESOURCE RECOVERY INC F/K/A

Applicant's Name: KENETECH RESOURCE RECOVERY INC

Mailing Address: 6728 33rd STREET EAST SARASOTA, FLORIDA 34243

Phone Number: (941) 756-0977

2. a. Name of the facility or project: MANATEE CO. LANDFILL / SARASOTA CO. LANDFILL

b. Construction permit number for the facility: N/A

c. Street address of the facility (Main Entrance):

LENA RD, MANATEE CO. OFF SR 72, SARASOTA CO.

d. Estimate the date when the facility or project will be ready for operation: ONGOING PRIOR TO FILING

3. Name of the unit of local government that will eventually own or benefit from the resource recovery equipment:

MANATEE + SARASOTA COUNTIES

Attach proof of contractual agreement between the purchaser of the equipment and the unit of local government which is to benefit from or own the resource recovery equipment.

4. Describe the resource recovery process (include technology used and materials or energy recovered): Attach descriptions (including blueprints, drawings, engineering plans, etc.) that will indicate where and how the equipment is integrated into the resource recovery process. (attach additional sheets, if necessary)

SEE ATTACHMENT

5. Attach a numbered listing of equipment which the applicant declares is qualified resource recovery equipment subject to the exemption provisions of Rule 17-704.400, 17-704.410, 17-704.420, and 12A-1.001(27), F.A.C., using the format on page 3.

a. Use the "Item No." column to sequentially number equipment on the list.

b. Use the "Item Description" column to provide the name and a brief description of the equipment.

c. Use the "Number of Pieces" column to indicate how many of this particular piece of equipment are being certified.

d. Use the "Process Description" column to indicate the page number of the process description text where the equipment and its function is described.

If drawings are submitted as supporting documentation:

e. Use the "Drawing Number" column to indicate the drawing number on which the equipment is shown.

f. Use the "Drawing Item No." column to indicate what number on the drawing represents this piece of equipment.

g. Use the "Equipment Cost" column to indicate the cost of the equipment.

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MAY 10 1999

DER Form 1 17-704.900(11)
 App for Professional Engineer, Environmental Engineer & Chem
 App for Reg of Resource Recovery & Recycling Equipment
 (Filing Date) AUGUST 14, 1999
 DER Application No. _____

6. Certification A shall be completed if the applicant wishes to certify only equipment appearing on the list in Rule 17-704.600, F.A.C.

Certification B shall be completed if the applicant wishes to certify equipment not appearing on the list in Rule 17-704.600, F.A.C., or equipment appearing on the list in Rule 17-704.600, F.A.C. together with auxiliary equipment.

Certification A

I hereby certify that the equipment contained herein is Resource Recovery Equipment as defined in Rule 17-704.200(12), F.A.C. I further certify that all of the equipment meets the criteria set forth in Rule 17-704.420, F.A.C., and all of the equipment appears on the list in Rule 17-704.600, F.A.C.

M.R. Calhoun
 Signature of Purchaser

M. R. CALHOON CFO
 Name and Title

Date: 3.31.99

Certification B

I hereby certify that the equipment contained herein is Resource Recovery Equipment as defined in Rule 17-704.200(12), F.A.C. I further certify that the equipment, including all auxiliary equipment associated with that equipment, meets the criteria set forth in Rule 17-704.420, F.A.C.

Afix Seal Here

 Signature of Professional Engineer

 Name and Title

Florida Registration No. _____

Date _____

7. The undersigned applicant is aware that statements made in this form and attached exhibits constitute an application for certification of Resource Recovery equipment from the Florida Department of Environmental Regulation. The applicant certifies that the information in this application is true, correct, and complete to the best of his knowledge and belief.

M.R. Calhoun
 Signature of Applicant

M. R. CALHOON CFO
 Name and Title

Date 3.31.99

An applicant shall submit four (4) copies of the application to:

Environmental Administrator
 Solid Waste Section
 Department of Environmental Regulation
 Twin Towers Office Building
 2600 Blair Stone Road
 Tallahassee, Florida 32399-2400
 904/922-6104

Listing of Major Equipment for CONSOLIDATED RESOURCE RECOVERY, INC. (Facility Name)

Item No.	Item Description	Number of Pieces	Process Description, page reference	Drawing No.	Drawing Item No.	Equipment Cost
	MORBARK 7600 WOOD HOG SN# 185.1011		MANATEE AGMT SERASITA AGMT			392,275.00



MORBARK, INC.
P.O. BOX 1000 - WYNN, MICHIGAN 48896
Telephone (517) 866-381
FAX (517) 866-2280

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MAY 13 1999

ACCOUNT # 06646

CONSOLIDATED RESOURCE
RECOVERY

6728 33RD STREET EAST
SARASOTA, FL 34243

NIKE CALHOON 941/756-0977

Department of Environmental Protection
SOUTHWEST DISTRICT
BY CONSOLIDATED RESOURCE
RECOVERY
6728 33RD STREET EAST
SARASOTA, FL 34243

ATTENTION:

DATE OF ORDER	CUSTOMER ORDER NO.	WORK ORDER NO.	SHIPPER NO.	SHIPPED DATE	INVOICE DATE	INVOICE NO.
02/16/99		36759				
REGION	DEALER NUMBER	TAXABLE	NON-TAXABLE	SHIPPED VIA	TERMS	
10	305029		X	RANSEY TRUCKING		
QTY.	DESCRIPTION					AMOUNT
1	5820 - MORBARK MODEL 7600 WOOD HOG, S/N 185-1011					\$294,500.00
	STANDARD EQUIPMENT:					
	-49-1/2" by 76" Drum with (28) Heavy Duty Holders and (28) double-edged					
	4-1/2" by 2-1/2" by 1-1/4" thick replaceable carbide teeth inserts,					
	mounted on a 8-1/2" diameter rotor shaft with 5-7/16" Dodge bearings					
	-Infeed system consisting of one (1) 50" diameter top compression feed					
	roll and a 21" by 73" hydraulically driven live floor wire equipped					
	with five (5) strands of WDR-120 Chain in a staggered configurations					
	-Drum drive includes all belts, sheaves, bushings and shields					
	-Discharge system consisting of two (2) aggregate grade belt conveyors					
	hydraulically driven, a 60" wide by 22' long discharging onto a 40"					
	Wide by 30' Long Stacking conveyor with hydraulic fold for transport					
	-One set of five (5) 6" by 6" split screens shall be provided					
	-Engine gauge panel and emergency shut-down system located in an					
	anti-theft console					
	-Electronic RPM and pressure sensing auto feed system					
	-Heavy Duty tubular steel uni-body frame					
	-Tri-Axle trailer with 67,500# Air Suspension. Includes Fifth Wheel					
	Towing Arrangement, air brakes and lights to ICC specifications					
	-255/70R by 22.5, 16-ply radial tires					
	-11 HP Saylor-Beall Air Compressor					
	-400 Gallon fuel tank					
	-260 Gallon hydraulic tank					
	-Large Hydraulic oil cooler					
	-Six function radio remote control with a six function 100' tethered					
	remote back-up system					
	OPTIONAL EQUIPMENT:					
1	-Magnetized End Pulley, for discharge conveyor, complete with					\$6,250.00
	collecting slide tray					
	POWER OPTION:					
1	-Caterpillar 3412ETTA 990-HP Electronic Diesel Engine with complete 318					\$130,500.00
	PTO hydraulic reversing fan, largest available radiator and sheave					
	mounted break-away torque limiter, S/N 4CR01030					
1	-Engine Extended Service Coverage from five (5) years/6,000 hours to					\$0.00
	FIVE (5) YEARS/10,000 HOURS @ NO CHARGE					

PAGE 1

(CONTINUED ON PAGE 2)

This sale is subject to all the terms and conditions contained on the reverse side of this document.
Seller represents that with respect to the production of the articles and/or the services covered by this invoice, it has fully complied with the
provisions of the Fair Labor Standards Act of 1938, as amended.



MORBARK, INC.
P.O. BOX 1000 - WTN, MICHIGAN 48896
Telephone (517) 866-2381
FAX (517) 866-2280

ACCOUNT # 06646

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CONSOLIDATED RESOURCE
RECOVERY
6728 33RD STREET EAST
SARASOTA, FL 34243

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CONSOLIDATED RESOURCE
RECOVERY
6728 33RD STREET EAST
SARASOTA, FL 34243

ATTENTION: MIKE CALHOON 941/756-0977

DATE OF ORDER	CUSTOMER ORDER NO.	WORK ORDER NO.	SHIPPER NO.	SHIPPED DATE	INVOICE DATE	INVOICE NO.
02/16/99		36759				
REGION	DEALER NUMBER	TAXABLE	NON-TAXABLE	SHIPPED VIA	TERMS	
10	305029			RAMSEY TRUCKING		
QTY.	DESCRIPTION					AMOUNT
	SUB-TOTAL:					\$431,250.00
	LESS NATIONAL DISCOUNT:					\$-43,125.00
	FREIGHT:					\$4,150.00
	BALANCE DUE:					\$392,275.00
	WOOD-HOG WARRANTY STANDARD SIX (6) MONTHS CATERPILLAR BASE WARRANTY ONE (1) YEAR UNLIMITED HOURS AND EXTENDED SERVICE COVERAGE TO FIVE (5) YEARS/10,000 HOURS					

This sale is subject to all the terms and conditions contained on the reverse side of this document.
Seller represents that with respect to the production of the articles and/or the services covered by this invoice, it has fully complied with the
provisions of the Fair Labor Standards Act of 1938, as amended.

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MAY 13 1999

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

CHAMBERS IS
PROVIDING SERVICE
FOR SARASOTA
COUNTY AT THE
COUNTY LANDFILL.
WE ARE A SUB.

AGREEMENT FOR WOOD WASTE PROCESSING SERVICES

This Agreement is entered into on the 11 day of June, 1998, by and between Chambers Waste Systems of Florida, Inc. 10800 NE 128th Avenue, Okeechobee, FL 34972 (CHAMBERS) and Consolidated Resource Recovery, Inc. (CRR), a Delaware corporation with offices located at 6728 33rd Street East, Sarasota, FL 34243, for yard and wood waste processing services at the Sarasota County Solid Waste Disposal Facility (SITE), located on Knights Trail Road in southern Sarasota County, FL.

WITNESSETH:

In consideration of the mutual covenants and provisions contained herein, the parties hereto agree as follows:

A. Term of Agreement

B.

The term of the Agreement shall be three (3) years beginning June 15 January 1, 1998. This Agreement may be renewed for three (3) additional one year terms upon mutual agreement.

B. Scope of Services

1. CRR shall have at least one full-time operator and one front-end loader onsite during all operating hours of the SITE to inspect incoming loads, direct to stockpiling area, and operate loader to move material, based upon the estimated volume of 60,000 tons per year of incoming material.
2. CRR shall enter the SITE with an RSI 1300 tub grinder or equivalent, when at least 2,000 tons of yard and wood waste have accumulated and are available for processing. The tub grinder will remain onsite as long as 5,000 tons are received each month.
3. The material will be processed using an RSI 1300 tub grinder or equivalent and appropriate support equipment, so that at least 95% by weight will pass through a 3" screen. Material will be stockpiled in windrows in the processing area for disposition by CHAMBERS.
4. CRR shall perform all services, including site maintenance, processing and stockpiling, in accordance to the Florida Organic Recyclers Association's Best Management Practices for yard waste recycling.
5. CRR shall maintain liability and worker's compensation insurance in amounts normal to the industry. Copies of certificates will be provided to CHAMBERS prior to beginning operations.
6. If requested, CRR will participate in local recycling and environmental education events and assist CHAMBERS in marketing processed material.

C.

Compensation for Services

1. CHAMBERS shall pay CRR the sum of \$9.75 per incoming ton of all yard and wood waste received at the SITE based on facility scale weights. CHAMBERS shall maintain accurate scale weights of all material received at the SITE. *5000*
2. CHAMBERS shall provide to CRR within ~~three (3)~~ *five (5)* working days after the end of each calendar month, a written, verifiable record of weights, for all yard and wood waste material received during the previous calendar month. CRR shall submit a monthly invoice to CHAMBERS based on this record. *thirty (30) day*
3. Payment is due within ~~fifteen (15)~~ *thirty (30)* days' receipt of the invoice from CRR. Late payments will be charged a penalty of 1-1/2% per month on any outstanding balance.
4. The Agreement price may be adjusted annually beginning January 1, 1999, based on the change in the Consumers Price Index.

D.

Other Conditions

1. CHAMBERS shall provide containers for and dispose of rejected materials at no charge to CRR. The weight of these rejected materials will be adjusted from the monthly billing.
2. CRR shall process all yard and wood waste received at the SITE during the term of this agreement.
3. Any changes in the services provided shall be agreed upon by both CHAMBERS and CRR and shall be covered by a Modification Agreement stipulating the increase or decrease in the Contract Amount.
4. In the event of a breach of this Agreement by either party, the other party at its option may terminate this Agreement upon sixty (60) days written notice, provided, however, that the party in breach may cure any default within that sixty (60) day period.
5. Notice - Any notice required by this Agreement shall be given to the following representatives of the parties:

Carolyn McCreddy
Site Manager
Chambers Waste Systems of Florida, Inc.
10800 NE 128th Avenue
Okeechobee, FL 34972

Dee Steverson
Marketing Manager
Consolidated Resource Recovery, Inc.
6728 33rd Street East
Sarasota, FL 34243-4128

THE FOREGOING CONSTITUTES THE ENTIRE AGREEMENT BETWEEN THE PARTIES WITH RESPECT TO THE SUBJECT MATTER CONTAINED HEREIN.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed below by their duly authorized representatives.

ATTEST: CHAMBERS WASTE SYSTEMS OF FLORIDA, INC.

BY: Carolyn L. McCready Carolyn L. McCready
Authorized Representative Printed Name
District Manager June 11, 1998
Title Date

WITNESS

Edmond H. Norris

ATTEST: CONSOLIDATED RESOURCE RECOVERY, INC.

BY: M.R. Calhoun CFO M.R. Calhoun
Authorized Representative Printed Name

WITNESS

Lee Hewson

AGREEMENT FOR
PROCESSING OF WOOD/YARD WASTES

RECEIVED
MAY 13 1999

Department of Environmental Protection
SOUTHWEST DISTRICT

THIS AGREEMENT is made and entered into by and between the COUNTY OF MANATEE, a political subdivision of the State of Florida, hereinafter referred to as the "County", with offices located at 1112 Manatee Avenue West, Bradenton, Florida, 34205-7804, and Resource Recovery Industries, Inc., a corporation organized in accordance with the laws of the State of Florida, hereinafter referred to as the "Contractor", duly authorized to transact business in the State of Florida, with offices located at 6447 33rd Street East, Sarasota, Florida 34243.

WHEREAS, the County has determined that it is necessary, expedient and in the best interest of the County to retain, obtain or employ the Contractor to perform processing of wood/yard wastes at the Lena Road Landfill facility; and

WHEREAS, the County caused a public announcement to be made, distributed and published, requesting proposals (RFP #909021), attached as composite Exhibit "A" (consisting of 12 pages), for the hereinafter identified contractual services; the Contractor submitted such a proposal, the County conducted a competitive selection procedure concerning said proposals, and this Agreement is entered into as a result of said competitive selection procedure.

W I T N E S S E T H

For and in consideration of the foregoing premises and the mutual covenants herein contained, it is agreed by and between the parties hereto as follows:

ARTICLE 1. SCOPE OF AGREEMENT

This Agreement sets forth the general terms and conditions pursuant to which the County retains the Contractor to provide contractual services for the processing of wood/yard wastes at the Lena Road Landfill facility.

The services to be performed are fully delineated in composite Exhibits "A" and "B", (consisting of 12 pages and 3 pages, respectively), attached hereto and made a part hereof, and shall be performed only after receipt by the Contractor of a written "Notice to Proceed".

The Contractor is expected to perform and fully complete the work defined in the scope of work as set forth in composite Exhibits "A" and "B", to the reasonable satisfaction of the County, and in accordance with all Florida Department of Environmental Regulation rules, including, but not limited to, Chapter 17-709, F.A.C.

Upon receipt of the aforementioned "Notice to Proceed," the Contractor shall expeditiously mobilize and begin processing of existing wood and yard waste piles at the County landfill, and shall thereafter process, at the request and direction of the County's agent, all new wood and yard wastes arriving at the landfill, all as outlined in attached composite Exhibit "B". Options (1) and (2), as outlined in attached composite Exhibit "B", shall be undertaken by the Contractor only as directed by the County's agent.

ARTICLE 2. ADDITIONAL SERVICES

If the Contractor finds that additional work would extend the value and scope of the project and is inclined to recommend

such additional work, it may only be undertaken following approval for such additional services and associated expenses by Manatee County and receipt of a formal "Change Order" from the County.

ARTICLE 3. COMPENSATION AND TIME OF PAYMENT

The County shall compensate the contractor for tasks delineated in Article 1 in an amount not to exceed the cost stated in the rate schedule contained in attached composite Exhibit "B".

Payment shall not be made more often than once each month upon presentation of a detailed invoice showing the total tonnages which have been disposed of within the previous month.

The Contractor agrees to permit full and open inspection of payroll records and other expenditure records in connection with the project upon the request of the County.

The County shall remit payment of each monthly invoice within 45 days after the receipt of an acceptable invoice for services.

ARTICLE 4. DURATION AND TERMINATION

A. This Agreement shall remain in full force and effect for five (5) years from the date of full execution, with the option for one (1) two (2) year renewal upon mutual agreement of the parties hereto and upon execution of a properly authorized written amendment to this Agreement.

B. This Agreement may be terminated in its entirety by either of the parties hereto by giving ninety (90) days advance written notice to the other party. If the Agreement is duly terminated in its entirety by the County, the Contractor shall be

entitled to compensation for all services rendered or performed pursuant to the provisions of this Agreement through the date of termination, together with all authorized costs and expenses incurred in connection therewith. If this Agreement is duly terminated in its entirety by the Contractor, the Contractor shall be entitled to compensation for only those tasks fully performed and completed as of the date of the termination. If the Contractor terminates this Agreement, the Contractor shall not be entitled to any compensation for an incomplete task. . . .

ARTICLE 5. COVENANTS BY THE COUNTY

The County hereby covenants and agrees:

A. That Daniel T. Gray, Public Works Department, is hereby appointed as the County's Agent with respect to the services to be performed by the Contractor pursuant to this Agreement. The County's Agent shall have the authority to transmit instructions, receive information, interpret and define the policy of the County and make decisions pertinent to services covered by this Agreement. The said Agent shall have the right from time to time to designate such other employees of Manatee County as he desires, to serve in his absence. The County reserves the right to designate a different Agent, provided that the Contractor is given written notice thereof.

B. To make available at no cost to the Contractor all existing records, reports, fiscal data and all other existing data which may reasonably be required for work under this Agreement and to provide full information as to the County's requirements for any work authorized hereunder.

C. To give prompt notice to the Contractor whenever the County observes or otherwise becomes aware of any defect in the performance of work under this Agreement.

D. To give careful and reasonable consideration to the findings and recommendations of the Contractor and to respond in a timely manner so as not to unduly delay the Contractor's work being performed pursuant to a valid Work Assignment.

E. To perform those functions set forth on pages 11 and 12 of attached composite Exhibit "A".

F. To perform all of the above functions at no cost to the Contractor.

ARTICLE 6. PROPERTY OF THE COUNTY

All reports, studies, and data prepared or obtained by the Contractor pursuant to this Agreement, become the property of the County without restriction or limitation on their use and shall be made available upon request of the County at any reasonable time, including all finished and unfinished documents and other material prepared or obtained by the Contractor upon the termination of this Agreement in whole or in part under the provisions of this Agreement.

ARTICLE 7. INDEMNIFICATION

The Contractor hereby agrees to indemnify, defend, save and hold harmless the County from all claims, demands, liabilities, and suits of any nature whatsoever, arising out of, because of, or due to any negligence, error, omission, act of professional malpractice or breach of this Agreement by the Contractor, its subcontractor(s), agents or employees. It is specifically understood and agreed that this indemnification agreement does

not cover or indemnify the County for its own negligence or breach of contract.

ARTICLE 8. INSURANCE

The Contractor shall secure and maintain such insurance coverage as required in attached composite Exhibit "A", the entire cost of which shall be borne by the Contractor. The Contractor further agrees to name the County as an additional insured under such policies and to provide the County with written certification evidencing such insurance coverage.

ARTICLE 9. LEGAL RESTRAINTS AND LIMITATIONS

The Contractor acknowledges that the County, as a unit of local government and a political subdivision of the State of Florida, is subject to restraints, limitations, regulations and controls imposed or administered pursuant to numerous applicable laws, ordinances, rules and regulations of federal, state, regional and certain local governmental agencies or authorities. The Contractor agrees that all professional services rendered or performed by the Contractor pursuant to the provisions of this Agreement shall be in compliance therewith. The Contractor shall obtain, at Contractor's sole cost, all necessary permits and licenses to perform the service herein contemplated.

ARTICLE 10. TRANSFER OF WORK (SUCCESSORS AND ASSIGNS)

The Contractor shall not sublet, assign or transfer any interest or obligation under this Agreement without prior written approval from the County.

ARTICLE 11. QUALITY OF WORK

The services shall be performed by the Contractor to the reasonable satisfaction of the County, and all questions,

difficulties and disputes of any nature whatsoever that may arise under or by reason of this Agreement, the prosecution and fulfillment of the services hereunder and the character, quality, amount and value thereof, which cannot be settled by mutual agreement of the parties, shall be settled by recourse to litigation under Florida law. Any such lawsuit shall be filed only in Manatee County, Florida.

ARTICLE 12. SOLICITATION OF CONTRACT

The Contractor warrants that it has not employed or retained—any company or person other than a bona fide employee working solely for the Contractor to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person other than a bona fide employee working solely for the Contractor, any fee, commission, percentage, brokerage fee, gift, contingent fee, or any other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the County shall have the right to annul this Agreement without liability or at its discretion to deduct from the contract price or consideration or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

ARTICLE 13. NOTICES

All notices, requests and authorizations provided for herein shall be in writing and shall be delivered by hand, by overnight mail or through the U.S. Mail, addressed as follows:

If to the County: Public Works Department
 4501 66th Street West
 Bradenton, Florida 34209

 Attention: Daniel T. Gray

If to the Contractor: Resource Recovery Industries, Inc.
6447 33rd Street East
Sarasota, Florida 34243

Attention: Loran R. Balvanz,
President

or addressed to either party at such other address as such party shall hereafter furnish to the other party in writing. If any such notice, request or authorization is delivered by hand, it shall be deemed to have been received when so delivered. If any such notice, request or authorization is delivered through the U.S. Mail, it shall be by registered or certified mail, postage paid and, return receipt requested, and shall be deemed to have been received when deposited in the U.S. Mail, except,

- A. any Notice of Termination of this Agreement, if deposited in the U.S. Mail, shall be effective only when received; and
- B. any "Work Assignment" pursuant to the terms of this Agreement, if deposited in the U.S. Mail, shall be effective only when received.

ARTICLE 14. GOVERNING LAW

This Agreement shall be governed by the laws of the State of Florida.

ARTICLE 15. SUBCONTRACTORS

It is expected that the Contractor shall have standard in-house capability to provide all the services required by this Agreement; however, should the Contractor find it necessary to utilize the services of a subcontractor, the Contractor shall first obtain the written approval of the County. The Contractor shall also require each subcontractor to adhere to applicable provisions of this Agreement. The utilization of any such

subcontractor by the Contractor shall not relieve the Contractor from any liability or responsibility to the County pursuant to the provisions of this Agreement or obligate the County to the payment of any compensation to the subcontractor or additional compensation to the Contractor.

ARTICLE 16. NON-DISCRIMINATION PROCEDURES

During the performance of this Agreement, the Contractor agrees as follows:

A. The Contractor will not discriminate against any— employee or applicant for employment because of race, creed, sex, color, national origin or age, and will take affirmative action to insure that all employees and applicants are afforded equal employment opportunities without discrimination because of race, creed, sex, color, national origin or age. Such action will be taken with reference to, but shall not be limited to, recruitment, employment, job assignment, promotion, upgrading, demotion, transfer, layoff or termination, rates of training or retraining, including apprenticeship and on-the-job training.

B. No person in the United States shall, on the grounds of race, creed, sex, color, national origin or age, be excluded from participation in, be denied the proceeds of, or be subject to discrimination in the performance of this Agreement.

ARTICLE 17. LEGAL QUALIFICATIONS AND ETHICAL CONSIDERATIONS

The Contractor warrants that it is a regionally known and recognized contracting firm, and that it is duly permitted by the laws of the State of Florida to render the services required under this Agreement, in the State of Florida. The Contractor

recognizes that in rendering or performing professional services pursuant to the provisions of this Agreement, the Contractor is working for the residents of Manatee County, Florida, subject to public observation, scrutiny and inquiry, and based upon said recognition the Contractor shall, in all of its relationships with the County pursuant to this Agreement, conduct itself in accordance with all of the recognized applicable ethical standards of the industry.

ARTICLE 18. KEY PERSONNEL

The following Key personnel are hereby assigned to the project by the Contractor and shall not be removed from the project until alternate personnel acceptable to the County are approved, in writing, by the County:

Loran R. Balvanz, President

ARTICLE 19. ACCEPTANCE

When the services of the Contractor for any task or work assignment are complete, the Contractor shall notify the County in writing. Thereupon the County, before the Contractor's departure from the site, shall either provide its written acceptance or shall notify the Contractor of any services or services to be corrected. However, written acceptance of the work performed by the Contractor shall not be construed to be an acceptance of latent improper, defective or deficient work.

ARTICLE 20. FORCE MAJEURE

Neither party shall be considered in default in performance of its obligations hereunder to the extent that performance of such obligations, or any of them, is delayed or prevented by

Force Majeure. Force Majeure shall include, but not be limited to, revolution, civil commotion, strike, epidemic, accident, fire, flood, wind, earthquake, explosion, lack of or failure of transportation facilities, any law, proclamation, regulation, ordinance or other act of government, or any act of God or any cause whether of the same or different nature, existing or future; provided that the cause, whether or not enumerated in this Article, is beyond the control and without the fault or negligence of the party seeking relief under this Article.

ARTICLE 21. CONFIDENTIALITY OF RECORDS

The Contractor expressly agrees to keep confidential all data, findings, progress statements, conclusions or any other matters which are not otherwise public information, and not to divulge any material or information to anyone outside the employment of the County without the express written consent or direction of the County. Violation of this provision will be grounds for immediate termination of this Agreement at the discretion of the County.

ARTICLE 22. AUTHORITY TO EXECUTE

Each of the parties hereto covenants to the other party that he/she/it has lawful authority to enter into this Agreement, and that each of the parties has authorized the execution of this Agreement in the manner hereinafter set forth.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement for Processing of Wood/Yard Wastes to be executed in duplicate, on the day and in the year appearing below the respective signatures.

THE CONTRACTOR agrees to perform or render service in accordance with this Agreement for Processing of Wood/Yard Wastes (RFP 909021), according to the method of compensation as set forth within this Agreement, upon authorization by Manatee County.

RESOURCE RECOVERY INDUSTRIES, INC.

BY: [Signature]

TITLE: Pres

DATE: 2-28-91

WITNESSES:

[Signature]
Steve A. Luthers

STATE OF Florida

COUNTY OF MANATEE

The foregoing instrument was acknowledged before me this 28th day of February, 1991, by RODOLFO R. BALONCE of Resource Recovery corporation, on behalf of the corporation.

(impress official seal)

[Signature]
Notary Public, State of Florida

My commission expires: NOTARY PUBLIC STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES JAN. 3rd 1993
BONDED THRU AGENT'S NOTARY BROKERAGE

RECOMMENDED BY MANATEE COUNTY PUBLIC WORKS DEPARTMENT:

BY: [Signature]

Richard A. Wilford, Director

APPROVED AS TO FORMAT AND CORRECTNESS:

MANATEE COUNTY PURCHASING

BY: [Signature]

R.C. "Rob" Cuthbert, Purchasing Director

APPROVED, with a quorum present and voting this 2nd day of April, 1991.

ATTEST: R. B. SHORE
Clerk of the Circuit Court

COUNTY OF MANATEE, FLORIDA
by its Board of County Commissioners

BY: [Signature]

PATRICIA M. GLASS, CHAIRMAN

DATE: April 2, 1991

AFFIDAVIT OF NO CONFLICT

STATE OF Florida

COUNTY OF Manatee

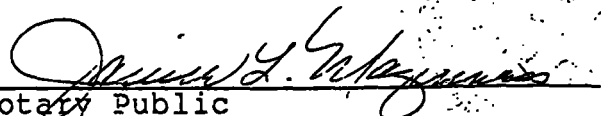
BEFORE ME, the undersigned authority, this day personally appeared LOREN R. BALUANE, a principal with full authority to bind Resource Recovery Industries, Inc., (hereinafter the "Contractor"), who being first duly sworn, deposes and says: The Contractor

- (a) is not currently engaged and will not become engaged in any obligations, undertakings or contracts that will require the Contractor to maintain an adversarial role against the County or that will require the representation of clients before the Board of County Commissioners, or that will impair or influence the advice, recommendations or quality of work provided to the County; and
- (b) shall provide full disclosure of all potentially conflicting contractual relationships and full disclosure of contractual relationships deemed to raise a question of conflict(s); and
- (c) shall provide full disclosure of prior work history and qualifications that may be deemed to raise possible question of conflict(s).

Affiant makes this affidavit for the purpose of inducing Manatee County, a political subdivision of the State of Florida, to enter into this Agreement for Processing of Wood/Yard Wastes.


Signature

SUBSCRIBED to and sworn before me this 28th day of February, 1991


Notary Public
My commission expires:

NOTARY PUBLIC: STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES JAN. 31, 1993
RECORDED THRU AGENT'S NOTARY BROKERAGE

EXHIBIT "B"

AMENDED: December 13, 1990

RFP 909021 WOOD/YARD WASTES
MANATEE COUNTY, FLORIDA
NOVEMBER 29, 1990

SCOPE:

Existing Piles - Process material for DER cover or erosion control as per attached DER memorandum dated August 16, 1990. Material to be weighed by electronic conveyor stacking system or by use of Manatee County Landfill scales. Material to remain at same location.

Rate \$ 16.00/Ton

New Material Coming In - We suggest the existing program as we now have set up at Charlotte County, i.e. the weight of material to be processed is established at the Lena Road scale house as the material comes in. Resource Recovery will receive a weekly recap of this material tonnage.

Process material for DER cover and or erosion control as per attached DER memorandum date August 16, 1990.

*Basic Rate \$ 16.00/Ton

Option (1) Process material for mulch and DER cover with fines removed - to be used for composting.

Basic Rate plus \$ 6.60/Ton

Option (2) Process material for mulch and DER cover with fines removed - to be used for composting. This option will also complete the composting operation with by-product available for DER slope cover/daily cover as per memorandum with mulch and usable compost (when available) for sale to County agencies or the public.

Basic Rate plus \$ 10.00/Ton

*NOTE: Basic rate for processing wood waste materials for the duration of this five (5) year contract and its renewals will accelerate at the same rate as the published tipping fee for municipal waste, i.e. current rate \$16.00/Ton.

RFP 909021, Manatee County, Florida

Page 2

November 29, 1990

As Amended December 13, 1990

Conditions:

1. Whichever run option is used we can mobilize in seven (7) days. For future visits we would like to see an accumulation of 300-500 tons (or amount which will satisfy DER).
2. A full service agreement with the Contractor shall be for an initial five (5) year period, renewable for an additional two (2) year period by negotiated agreement between the County and Resource Recovery Industries, Inc.



MANATEE COUNTY GOVERNMENT

REQUEST FOR PROPOSAL #909021

PROCESSING OF WOOD/YARD WASTES

A. SUBMITTAL

A.01 TIME & DATE DUE

Manatee County, a political subdivision of the State of Florida (hereinafter "Manatee County" or the "County") will receive sealed proposals from individuals, corporations, partnerships, and other legal entities organized under the laws of the State of Florida or authorized to conduct business in the State of Florida, until —

3:00 P.M., OCTOBER 3, 1990

A.02 OPENING LOCATION

These proposals will be publicly opened in the Manatee County Purchasing, 2908 12th Street Court East, Bradenton, Florida in the presence of County officials at the above stated time and date. All proposers or their representatives are invited to be present.

A.03 DELIVERY REQUIREMENTS

Any proposals received after above stated time and date will not be considered. It shall be the sole responsibility of the proposer to have their proposal delivered to the Manatee County Purchasing Office for receipt on or before the above stated time and date. If a proposal is sent by U.S. Mail, the proposer shall be responsible for its timely delivery to the Purchasing Office. Proposals delayed by mail shall not be considered, shall not be opened at the public opening, and arrangements shall be made for their return at the proposers request and expense.

A.04 CLARIFICATION & ADDENDA

Each proposer shall examine all requests for proposal documents and shall judge all matters relating to the adequacy and accuracy of such documents. Any inquiries, suggestions or requests concerning interpretation, clarification or additional information pertaining to the request for proposal shall be made through the Manatee County Purchasing Office. The County shall not be responsible for oral interpretations given by any County employee, representative, or others. The issuance of a written addendum is the only official method whereby interpretation, clarification or additional information can be given. If any addenda are issued to this request for proposal, the County will attempt to notify all prospective proposers who have secured same, however, it shall be the responsibility of each proposer, prior to submitting the proposal, to contact the Manatee County Purchasing Office at (813) 748-4501 ext. 3352 to determine if addenda were issued and to make such addenda a part of the proposal.

A.05 SEALED & MARKED

Eight signed copies of your proposal shall be submitted in one sealed package, clearly marked on the outside "Sealed Proposal for RFP #909021 Wood/Yard Waste and addressed to:

Manatee County Purchasing
2908 12th Street Court East
Bradenton, Florida 34208-3998

A.06 LEGAL NAME

Proposals shall clearly indicate the legal name, address and telephone number of the proposer (company, firm, partnership, individual). Proposals shall be signed above the typed or printed name and title of the signer. The signer shall have the authority to bind the proposer to the submitted proposal.

A.07 PROPOSAL EXPENSES

All expenses for making proposals to the County are to be borne by the proposer.

A.08 IRREVOCABLE OFFER

Any proposal may be withdrawn up until the date and time set above for opening of the proposals. Any proposals not so withdrawn shall, upon opening, constitute an irrevocable offer for a period of 90 days to sell to Manatee County the goods or services set forth in the attached specifications until one or more of the proposals have been duly accepted by the Board of County Commissioners. Board action on proposals normally will be taken within 45 days of opening, however, no guarantee or representation is made herein as to the time between the proposal opening and subsequent Board action.

A.09 RESERVED RIGHTS

The County reserves the right to accept or reject any and/or all proposals, to waive irregularities and technicalities, and to request resubmission. Any sole response received the first submission date may or may not be rejected by the County depending on available competition and timely needs of the County. There is no obligation on the part of the County to award the contract to the lowest proposer and the County reserves the right to award the contract to the lowest responsible proposer submitting a responsive proposal with a resulting negotiated agreement which is most advantageous and in the best interests of the County. The County shall be the sole judge of the proposal and the resulting negotiated agreement that is in its best interest and its decision shall be final. Also, the County reserves the right to make such investigation as it deems necessary to determine the ability of any proposer to perform the work or service requested. Information the County deems necessary to make this determination shall be provided by the proposer. Such information may include, but shall not be limited to; current financial statements by an independent CPA; verification of availability of equipment and personnel; and past performance records.

A.10 APPLICABLE LAWS

All applicable laws and regulations of the State of Florida and ordinances and regulations of Manatee County will apply to any resulting agreement. Any involvement with any Manatee County Procurement shall be in accordance with Manatee County Procurement Code Ordinance 84-02. Appeals and remedies are provided for in Section 9-101(1) of the Procurement Code. Protestors shall seek resolution of their complaints initially with the Purchasing Director, and secondly with the County Administrator prior to protesting to the Board of County Commissioners. A protest with respect to this request for proposal shall be submitted in writing prior to the scheduled opening date of this proposal, unless the aggrieved person did not know and could not have been reasonably expected to have knowledge of the facts giving rise to such protest prior to the scheduled opening date of this proposal. The protest shall be submitted within six calendar days after such aggrieved person knows or could have reasonably been expected to know of the facts giving rise thereto. All claims by a proposer against the County relating to a contract, except proposal protests, shall be submitted in writing to the Purchasing Director for a decision as required by Section 9-103 of the Manatee County Procurement Code.

A.11 CODE OF ETHICS

With respect to this proposal, if any proposer violates or is a party to a violation of the Code of Ethics of Manatee County per Manatee Procurement Code Ordinance 84-02, Article 2, Ethics in Public Contracting, and/or the State of Florida per Florida Statutes, Chapter 112, Part III, Code of Ethics for Public Officers and Employees, such proposer may be disqualified from performing the work described in this proposal or from furnishing the goods or services for which the proposal is submitted and shall be further disqualified from submitting any future proposals for work or for goods or services for Manatee County.

A.12 COLLUSION

By offering a submission to this request for proposal the proposer certifies the proposer has not divulged to, discussed or compared his proposal with other proposers and has not colluded with any other proposer or parties to this proposal whatever. Also, proposer certifies, and in the case of a joint proposal each party thereto certifies as to his own organization, that in connection with this proposal:

- a. any prices and or cost data submitted have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices and or cost data, with any other proposer or with any competitor;
- b. any prices and or cost data quoted for this proposal have not been knowingly disclosed by the proposer and will not knowingly be disclosed by the proposer prior to the scheduled opening directly or indirectly to any other proposer or to any competitor;

- c. no attempt has been made or will be made by the proposer to induce any other person or firm to submit or not to submit a proposal for the purpose of restricting competition;
- d. the only person or persons interested in this proposal as principal or principals is/are named therein and that no person other than therein mentioned has any interest in this proposal or in the contract to be entered into; and
- e. no person or agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee excepting bona fide employees or established commercial agencies maintained by the Purchaser for the purpose of doing business.

A.13 CONTRACT FORMS

Any agreement or contract resulting from the acceptance of a proposal shall be on forms either supplied by or approved by the County and shall contain, as a minimum, applicable provisions of the request for proposal, and the proposer's submission to the proposal. Any variance whatsoever from the proposal as submitted, that the proposer may request be included in the contract, shall be at the sole discretion of the County. The County reserves the right to reject any agreement which does not confirm to the request for proposal and any County requirements for agreements and contracts.

A.14 INDEMNIFICATION

The successful proposer covenants and agrees to indemnify and save harmless the County, its agents and employees, from and against all claims, suits, actions, damages or causes of actions, or judgments arising out of the terms of the resulting agreement for any personal injury, loss of life or damage to property sustained as a result of the performance or non-performance of services or work; from and against any orders, judgments, or decrees, which may be entered against the County, its agents or employees; and from and against all costs, attorney's fees, expenses and other liabilities incurred in the defense of any such claim, suit or action, and the investigation thereof. Nothing in the award, resulting agreement, contract or Purchase Order shall be deemed to affect the rights, privileges and immunities of the County as set forth in Florida Statute Section 768.28.

A.15 PROPOSAL FORMS

Proposals must be submitted on attached County form(s), although additional pages may be attached. Proposers must indicate any variances from the County requested specifications, terms and conditions, otherwise proposers must fully comply with the County requested specifications, terms and conditions. Alternate proposals may or may not be considered at the sole discretion of the County.

A.16 SELECTION

Membership of the Selection Committee may be determined and or announced just prior to the scheduled opening or selection time. The duly appointed Selection Committee shall rank proposers. If there are more than three proposers the Selection Committee shall select at least the top three proposers to be ranked. Within a few days after proposals have been opened, any selected proposers notified by the Selection

Committee should be prepared to meet with the Selection Committee at the time and date determined by the Selection Committee. Selection Committee determinations shall be based upon the Selection Committee's ability to differentiate qualifications applicable to the scope and nature of the services to be performed per this request for proposal. Determinations shall be based on but not limited to the following considerations:

- a. competence, including technical education and training, experience in previous undertakings of this kind of proposal, capability, availability of adequate personnel, equipment and facilities, the extent of repeat business, and, where applicable, the relationship of cost estimates to actual costs on previous undertakings;
- b. current work load;
- c. financial responsibility;
- d. ability to observe and advise whether specifications are being complied with, where applicable;
- e. past record of professional accomplishments;
- f. proximity of the project involved;
- g. past record of performance for the County and/or for other governmental entities.
- h. ability to design an approach and management plan to meet the requirements and needs of the County;
- i. whether the proposer (firm) is a certified minority business enterprise as defined by the Florida Small and Minority Business Assistance Act; and
- j. other specific selection criteria that may be mentioned in the scope of this proposal.

A.17 PROJECT SUMMARY

Proposers shall submit an executive summary consisting of no more than three (3) typewritten pages which describe their understanding of the project requirements.

A.18 PUBLIC ENTITY CRIMES

Florida Statutes Section 287.133(3)(a) requires that prior to award of a contract for goods or services, including building construction contracts in excess of Threshold Category II (\$3,500), a sworn statement (Form PUR 7068 (Rev.11/89)) shall be submitted.

**SWORN STATEMENT UNDER SECTION 287.133(3) (a),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC
OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid, Proposal or Contract No. _____
for _____.
2. This sworn statement is submitted by Resource Recovery Industries
(name of entity submitting sworn statement)
whose business address is 10308 US 41 N
Palmetto FL 34221 and
(if applicable) its Federal Employer Identification Number (FEIN) is 65-0106036.
(If the entity has no FEIN, include the Social Security Number of the individual
signing this sworn statement: _____.)
3. My name is LOREN R. BALANZ and my relationship to the
(please print name of individual signing)
entity named above is President.
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g),
Florida Statutes, means a violation of any state or federal law by a person with
respect to and directly related to the transaction of business with any public
entity or with an agency or political subdivision of any other state or with United
States, including, but not limited to, any bid or contract for goods or services to
be provided to any public entity or an agency or political subdivision of any other
state or of the United States and involving antitrust, fraud, theft, bribery,
collusion, racketeering, conspiracy, or material misrepresentation.
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133
(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity
crime, with or without an adjudication of guilt, in any federal or state trial court
of record relating to charges brought by indictment or information after July 1,
1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or
nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida
Statutes, means:
 1. A predecessor or successor of a person convicted of a public entity crime; or
 2. An entity under the control of any natural person who is active in the
management of the entity and who has been convicted of a public entity crime.
The term "affiliate" includes those officers, directors, executives, partners,
shareholders, employees, members, and agents who are active in the management
of an affiliate. The ownership by one person of shares constituting a
controlling interest in another person, or a pooling of equipment or income
among persons when not for fair market value under an arm's length agreement,
shall be a prima facie case that one person controls another person. A person
who knowingly enters into a joint venture with a person who has been convicted
of a public entity crime in Florida during the preceding 36 months shall be
considered an affiliate.
7. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes,
means any natural person or entity organized under the laws of any state or of the
United States with the legal power to enter into a binding contract and which bids

applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)

(Signature)

Date: _____

STATE OF _____

COUNTY OF _____

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

_____ who, after first being sworn by me, affixed
(name of individual signing)

his/her signature in the space provided above this _____ day of _____, 19____.

NOTARY PUBLIC

My commission expires:

A.19 INSURANCE

The proposer will not commence work under a contract until all insurance under this section and such insurance coverage as might be required by the County has been obtained.

Minimum amounts of insurance (inclusive of any amounts provided by an umbrella or excess policy) shall be as follows:

a. Workers' Compensation/Employers' Liability

Part One - There shall be no maximum limit (other than as limited by the applicable statute) for liability imposed by Florida Worker's Compensation Act, the Longshoremen's and Harbor Workers' Compensations Act or any other coverages required by the contract documents which are customarily insured under Part One of the standard Worker's Compensation Policy.

Part Two - The minimum amount of coverage for those coverages required by the contract documents which are customarily insured under Part Two of the standard Workers' Compensation Policy shall be:

\$100,000	(Each Accident)
\$500,000	(Disease-Policy Limit)
\$100,000	(Disease-Each Employee)

b. Commercial General Liability

The limits are to be applicable only to work performed under this contract and shall be those that would be provided with the attachment of the Amendment of Limits of Insurance (Designated Project or Premises) endorsement (ISO Form CG 25 01) to a Commercial General Liability Policy with the following minimum limits.

General Aggregate

Products/Completed Operations Aggregate	\$ 200,000
Personal and Advertising Injury	\$ 300,000
Each Occurrence	\$ 300,000
Fire Damage (Any One Fire)	\$ Mil
Medical Expense (Any One Person)	\$ Mil

c. Business Auto Policy

Each Occurrence Bodily Injury and Property	
Damage Liability Combined	\$ 300,000
Annual Aggregate (If Applicable)	Three Times The Each Occurrence Limit

d. Owners Protective Liability Coverage

The minimum CCP Policy limits per occurrence and, if subject to an aggregate, annual aggregate to be provided by the Proposer shall be the same as the amounts shown above as the minimum per occurrence and general policy aggregate limits respectively required for the Commercial General Liability Coverage. The limits afforded by the CCP Policy and any excess policies shall apply only to the Owner and the Owner's officials, officers, agents and employees and only to claims arising out of or in connection with the work under this contract.

- e. Certificates of Insurance and Copies of Policies - Certificates of Insurance in triplicate evidencing the insurance coverage specified in the three above paragraphs a., b., and c., shall be filed with the Purchasing Director before operations are begun. The required certificates of insurance shall not only name the types of policy, policy number, date of expiration, amount of coverage, companies affording coverages, and also shall refer specifically to the bid number, project title and location of project. Insurance shall remain in force at least one (1) year after completion and acceptance of the project by the County, insurance in the amounts and types as stated herein, coverage for all products and services completed under this contract.

ADDITIONAL INSURED: - The County of Manatee shall be specifically named as an additional insured.

If the initial insurance expires prior to the completion of operations and or services by the proposer, renewal certificates of insurance and required copies of policies shall be furnished by the proposer and delivered to the Purchasing Director thirty (30) days prior to the date of their expiration.

- f. Professional Liability The Proposer, at its own cost and expense, shall effect and maintain at all times during the life of this Agreement a good and sufficient professional liability insurance policy of not less than Five Hundred Thousand Dollars \$500,000, protecting the Proposer against claims of the County for negligence, errors, mistakes, or omissions in the performance of the services to be performed and furnished by the Proposer.

Nothing herein contained shall in any manner create any liability against the County on behalf of any claim for labor, services, or materials, or of subcontractors, and nothing herein contained shall affect the liability of the Proposer or his sureties to the County or to any workmen or materialmen upon bond given in connection with this Agreement.

THIS FORM MUST BE RETURNED WITH YOUR PROPOSAL

PROPOSAL SIGNATURE FORM

RFP 909021

WOOD/YARD WASTES

Firm Name Home Office Address

City, State Telephone Number

Address: Branch office servicing Manatee County other than above

Name, Title & Telephone No. of contact Representative for County

The undersigned attests to his (her, their) authority to submit this proposal and to bind the firm herein named to perform as per contract, if the firm is awarded the Contract by the County.

Signature

Witness Signature

Date

Typed Name and Title
of above signer

Typed Name and Title
of above signer

REQUEST FOR PROPOSAL
PROCESSING OF WOOD/YARD WASTES

PURPOSE

The intent of this Request for Proposal is to enter into a contract for the processing of wood/yard wastes accepted at the Lena Road Landfill Facility.

PERIOD OF CONTRACT

The length of the contract shall be dependent on the needs of the selected processor and that of Manatee County, upon mutual agreement of the parties in consideration of cost related equipment, operations construction, administration and personnel.

OBJECTIVES

Processing of wood/yard wastes at the Lena Road Landfill is hoped to:

- a) Conserve landfill space
- b) Conserve natural resources
- c) Meet SB1192 requirements

VENDOR RESPONSIBILITIES

- a) Vendor shall be responsible for all costs associated with equipment, operation, construction, administration and personnel related to the processing of wood/yard wastes at the Lena Road Landfill Facility.
- b) Vendor will be responsible for meeting all appropriate FDEP requirements for operating such a processing operation.
- c) Vendor will provide all non-marketable processing by-products to Manatee County for use as an alternative cover material.
- d) Vendor will provide required processing costs per ton and term of contract needed to achieve proposal requirements.
- e) Vendor will be responsible for all necessary permits and licenses at their renewals related to this processing operation.
- f) Vendor will provide copies of proof of insurance and limits of liability.

MANATEE COUNTY RESPONSIBILITIES

- a) Manatee County will provide to successful vendor utilization of the Landfill scales to assist in achieving proper weight and documentation in their overall processing operation.

- b) Manatee County will make available the necessary amount of land area for vendor to meet proposal requirements, not to exceed the area boundaries currently used with the County's air curtain destructor operation.
- c) Manatee County will supervise all operations related to processing on a daily basis to insure activities are within appropriate rules and regulations.
- d) Manatee County will remove for stockpile areas all materials not conducive to processing (i.e.: mattresses, white goods, scrap metal, tires, etc..) at no cost to the vendor.

EVALUATION FACTORS

In addition to evaluating criteria listed in A.16, proposer will be expected to convincingly demonstrate that the firm;

- a) will obligate itself to perform in accordance with the schedule of Vendor Responsibilities listed herein ultimately negotiated and incorporated within the contract,
- b) will demonstrate that the firm has the professional resources to undertake the project no later than two weeks from execution of contract, and
- c) will list name, address, and previous affiliations of any sub-contractors to be used.

AGREEMENT FOR PROCESSING OF WOOD/YARD WASTES
ADDENDUM NO. 1

THIS ADDENDUM TO THE AGREEMENT is made and entered into by and between the COUNTY OF MANATEE, a political subdivision of the State of Florida, hereinafter referred to as the "County," with offices located at 1112 Manatee Avenue West, Bradenton, Florida 34205-7804, and RESOURCE RECOVERY INDUSTRIES, INC., hereinafter referred to as the "Contractor," duly authorized to transact business in the State of Florida, with offices located at 6447 33rd Street East, Sarasota, Florida 34243.

WHEREAS, on April 2, 1991 the parties hereto entered into an Agreement for the Processing of Wood/Yard Wastes, hereinafter referred to as the "Agreement"; and

WHEREAS, Pursuant to the Agreement executed April 2, 1991 services shall not be rendered without written approval by the Board of County Commissioners.

WHEREAS, it has been determined there is a need to increase the Basic Rate and exercise Option No. 1 of the Agreement established April 2, 1991.

WITNESSETH:

For and in consideration of the foregoing premises and the mutual covenants herein contained, it is agreed by and between the parties hereto as follows:

1. Revise the Basic Rate for processing wood waste materials to \$18.00 per ton; and
2. Exercise Option No. 1 to process material for mulch and DER cover with fines removed - to be used for composting at the Basic Rate of \$6.60 per ton as defined in Exhibit "B" of the original Agreement.

All other terms and conditions of the Agreement (as entered into on April 2, 1991), unless specifically amended herein, shall remain in full force and effect, until final completion and acceptance of the Contractor's work.

The Contractor shall fully complete all services enumerated in accordance with the schedule set forth in Exhibit "A" and Exhibit "B" of the original Agreement.

RESOURCE RECOVERY INDUSTRIES, INC.

"KENETECH RESOURCE RECOVERY, INC."
HAS ASSUMED THE RIGHTS AND OBLIGATIONS
OF THIS CONTRACT WITH MANATEE COUNTY, FLORIDA
FROM THE ORIGINAL CONTRACTOR,
"RESOURCE RECOVERY INDUSTRIES, INC."

**AGREEMENT FOR PROCESSING OF WOOD/YARD WASTES
ADDENDUM NO. 2**

THIS ADDENDUM NUMBER TWO TO AGREEMENT, is made and entered into by and between the COUNTY OF MANATEE, a political subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as the "County," with offices located at 1112 Manatee Avenue West, Bradenton, Florida 34205-7804, and KENETECH RESOURCE RECOVERY, INC., hereinafter referred to as "Contractor," duly authorized to transact business— in the State of Florida, with offices at 6447 33rd Street East, Sarasota, Florida 34243.

WHEREAS, on April 2, 1991, the parties hereto entered into an Agreement for Processing of Wood/Yard Wastes, hereinafter referred to as the "Agreement"; and

WHEREAS, on December 3, 1991, the Agreement was amended (by Addendum No. 1), increasing the Basic Rate for processing of wood/yard wastes to \$18.00 per ton; and

WHEREAS, since tonnage has been much higher than originally anticipated, on November 14, 1995, the Board authorized increasing the tonnage and authorized additional funds to provide this service through April 2, 1996; and

WHEREAS, the Contractor desires a commitment for a two-year renewal of the Agreement (as contemplated by Article 4.A. of the Agreement) and has negotiated with the County to reduce the rates for this service, and it has been determined that such a renewal, at the rates described below, is in the best interest of the County at this time.

NOW THEREFORE, for and in consideration of the mutual benefits to be derived, the parties hereto agree as follows:

1. Effective January 1, 1996, the rate for processing wood/yard waste materials shall be \$16.00 per ton. This rate shall remain in effect from January 1, 1996, through the expiration date of the Agreement as set forth below.
2. The term of the Agreement shall be extended to April 1, 1998. The scope of services will be amended as follows:
 - a. Contractor will provide a full time supervisor at the County's Lena Road Landfill to oversee Contractor's operations.
 - b. All incoming material will be sorted and stockpiled by Contractor. All non-recyclable material will be loaded into a Contractor-owned container. Contractor will periodically haul the container to the Landfill's working surface, after being weighed, for disposal.
 - c. There will be no additional charge for removing fines to produce mulch and DER cover.
 - d. Contractor will produce approximately 35% by weight of incoming tons of yard waste material into material suitable for Landfill cover.
 - e. Once annually, Contractor will provide to the County at no cost, within twenty-one (21) days of the County's request, 3,000 cubic yards of Contractor's natural choice mulch. The cost of additional mulch which may be purchased by County from Contractor, shall be \$7.50 per cubic yard for the duration of this Agreement.
 - f. For purposes of this Agreement, ownership of all yard waste materials shall vest in Contractor at the time said materials are delivered to Contractor's site. Likewise, all monies received from the sale or disposal of recyclable products, excluding those materials provided to the County pursuant to this Agreement, shall be the property of Contractor without exception.
3. The Agreement for the Sale of Mulch between the parties dated January 12, 1993, including any extensions or addendums to said Agreement for the Sale of Mulch, is hereby rescinded and replaced by this Addendum No. 2.

4. All other terms and conditions of the Agreement shall remain in full force and effect during the renewal term of the Agreement.

The parties hereto have caused this Addendum No. 2 to Agreement for Processing of Wood/Yard Wastes to be fully executed, in duplicate, by their authorized representatives.

WITNESSES:

Brenda W. W. W.
R. B. Shore

KENETECH RESOURCE RECOVERY, INC.

By: Loan R. Balunz Pres.
Printed name and title of signer

RECOMMENDED BY MANATEE COUNTY PUBLIC WORKS DEPARTMENT

By: Lenox E. Bramble
Lenox E. Bramble, Director

APPROVED AS TO FORMAT AND CORRECTNESS, MANATEE COUNTY PURCHASING

By: R. C. Cuthbert
R. C. "Rob" Cuthbert, C.P.M.
Purchasing Division Manager

APPROVED, with a quorum present and voting, this 9th day of January, 1996.

COUNTY OF MANATEE, FLORIDA
By its Board of County
Commissioners

By: Stan Stephen
Chairman

ATTEST:

R. B. SHORE
Clerk of the Circuit Court

[Signature]

ADDENDUM NUMBER THREE TO AGREEMENT
FOR
PROCESSING OF WOOD/YARD WASTES

THIS ADDENDUM NUMBER THREE TO AGREEMENT, is made and entered into by and between the COUNTY OF MANATEE, a political subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as the "County," with offices located at 1112 Manatee Avenue West, Bradenton, Florida 34205-7804, and CONSOLIDATED RESOURCE RECOVERY, INC., (FKA KENETECH RESOURCE RECOVERY, INC.), hereinafter referred to as "Contractor," duly authorized to transact business in the State of Florida, with offices at 6728 33rd Street East, Sarasota, Florida 34243.

WHEREAS, on April 2, 1991, the parties hereto entered into an Agreement for the Processing of Wood/Yard Wastes, hereinafter referred to as the "Agreement"; and

WHEREAS, pursuant to the Agreement executed April 2, 1991, services shall not be rendered without written approval by the Board of County Commissioners.

WHEREAS, on December 3, 1991, the Agreement was amended by Addendum Number one (1) increasing the Basic Rate per ton; and

WHEREAS, on January 9, 1996, the Agreement was amended by Addendum Number two(2) reducing the rate per ton and extending the term of the Agreement to April 1, 1998; and

WHEREAS, the County has determined there is a need to extend the Agreement.

NOW THEREFORE, for and in consideration of the mutual benefits to be derived, the parties hereto agree as follows:

1. The term of the Agreement shall be extended through December 31, 1998.
2. All other terms of conditions of the Agreement as amended shall remain in full force and effect during the renewal term of the Agreement.

The parties hereto have caused this Addendum to Agreement for Processing of Wood/Yard Wastes to be fully executed, in duplicate, by their authorized representatives.

WITNESSES:

CONSOLIDATED RESOURCE RECOVERY, INC.

Mary Lee Tyson
Mary Lee Tyson
Print name of Witness

By: M R Calhoon
Michael B. Calhoon, CFO
Print name and title of signer

RECOMMENDED BY MANATEE COUNTY PUBLIC SERVICES DEPARTMENT

By: Lenox E. Bramble
Lenox "Len" E. Bramble, Director

APPROVED AS TO FORMAT AND CORRECTNESS, MANATEE COUNTY PURCHASING

By: R C Cuthbert
R.C. "Rob" Cuthbert, C.P.M., Manager

APPROVED, with a quorum present and voting this 17th day of March, 1998.

ATTEST: R.B. SHORE
Clerk of the Circuit Court

R.B. Shore

COUNTY OF MANATEE, FLORIDA
by its Board of County Commissioners

By: Patricia M. Glass
Patricia M. Glass, Chairman

ADDENDUM NUMBER FOUR TO AGREEMENT
FOR
PROCESSING OF WOOD/YARD WASTES

THIS ADDENDUM NUMBER FOUR TO AGREEMENT, is made and entered into by and between the COUNTY OF MANATEE, a political subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as the "County," with offices located at 1112 Manatee Avenue West, Bradenton, Florida 34205-7804, and CONSOLIDATED RESOURCE RECOVERY, INC., (FKA KENETECH RESOURCE RECOVERY, INC.), hereinafter referred to as "Contractor," duly authorized to transact business in the State of Florida, with offices at 6728 33rd Street East, Sarasota, Florida 34243.

WHEREAS, on April 2, 1991, the parties hereto entered into an Agreement for the Processing of Wood/Yard Wastes, hereinafter referred to as the "Agreement"; and

WHEREAS, pursuant to the Agreement executed April 2, 1991, services shall not be rendered without written approval by the Board of County Commissioners.

WHEREAS, on December 3, 1991, the Agreement was amended by Addendum Number one (1) increasing the Basic Rate per ton; and

WHEREAS, on January 9, 1996, the Agreement was amended by Addendum Number two(2) reducing the rate per ton and extending the term of the Agreement to April 1, 1998; and

WHEREAS, on March 17, 1998, the Agreement was extended to January 1, 1999; and

WHEREAS, the County has determined there is a continued need to extend the Agreement.

NOW THEREFORE, for and in consideration of the mutual benefits to be derived, the parties hereto agree as follows:

1. The term of the Agreement shall be extended through December 31, 1999.
2. All other terms of conditions of the Agreement as amended shall remain in full force and effect during the renewal term of the Agreement.

ADDENDUM NUMBER FOUR TO AGREEMENT
FOR
PROCESSING OF WOOD/YARD WASTES

THIS ADDENDUM NUMBER FOUR TO AGREEMENT, is made and entered into by and between the COUNTY OF MANATEE, a political subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as the "County," with offices located at 1112 Manatee Avenue West, Bradenton, Florida 34205-7804, and CONSOLIDATED RESOURCE RECOVERY, INC., (FKA KENETECH RESOURCE RECOVERY, INC.), hereinafter referred to as "Contractor," duly authorized to transact business in the State of Florida, with offices at 6728 33rd Street East, Sarasota, Florida 34243.

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WHEREAS, on December 3, 1991, the Agreement was amended by Addendum Number one (1) increasing the Basic Rate per ton; and

WHEREAS, on January 9, 1996, the Agreement was amended by Addendum Number two(2) reducing the rate per ton and extending the term of the Agreement to April 1, 1998; and

WHEREAS, on March 17, 1998, the Agreement was extended to January 1, 1999; and

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1. The term of the Agreement shall be extended through December 31, 1999.
2. All other terms of conditions of the Agreement as amended shall remain in full force and effect during the renewal term of the Agreement.



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

May 4, 1999

Mr. Melton McKown
Florida Department of Revenue
Tax Policy and Dispute Resolution
Post Office Box 7443
Tallahassee, Florida 32314-7443

Dear Mr. McKown:

Enclosed is a "Preliminary Examination Report" preliminarily certifying resource recovery equipment at the Lena Road Landfill in Manatee County. This report was prepared by the Department of Environmental Protection pursuant to Section 62-704.400, Florida Administrative Code, for your use when implementing Section 12A-1.001(23), Florida Administrative Code.

If you have any questions concerning this report or the Consolidated Resource Recovery application, please contact this office at (850)488-0300.

Sincerely,

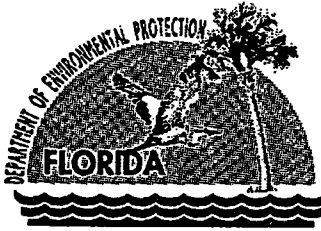
Jan Rae Clark
Jan Rae Clark
Environmental Manager
Solid Waste Section

JRC/jrc

Enclosure

cc: Robert Butera ✓
Michael Calhoon
File

D.E.P.
MAY 06 1999
Southwest District Tampa



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

PRELIMINARY EXAMINATION REPORT

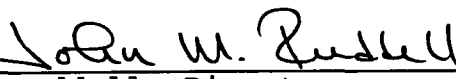
On August 26, 1998, the Department of Environmental Protection received an Application for Preliminary Examination of Resource Recovery Equipment for the Lena Road Landfill in Manatee County. This application is for exemptions from the state sales tax for certain resource recovery equipment which will be used to recover energy or materials from solid waste at the facility. Pursuant to Section 403.715, Florida Statutes and Section 62-704.400, Florida Administrative Code, the Department hereby issues this report.

This preliminary examination report may be considered by the Department of Revenue, pursuant to Section 12A-1.001(23), Florida Administrative Code, when determining whether a temporary tax exemption shall apply to those items specified in this report as possible resource recovery equipment.

The Department's preliminary designations of resource recovery equipment in this report shall not preclude the Department from granting or denying certification following final examination of the same equipment, pursuant to Section 62-704.410, Florida Administrative Code.

After completing the preliminary examination, the Department has determined that all of the equipment listed in the applicant's equipment list (attached as Appendix A) may be resource recovery equipment as defined in Section 403.703(12), Florida Statutes.

This report is issued this 4th day of May, 1999.



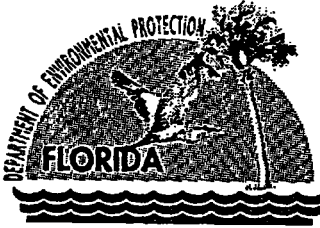
John M. Ruddell, Director
Division of Waste Management

APPENDIX A

DER Form 1 (12-70450021)
 As to Permit Exam, Final Exam & Cost
 From Fee of Resource Recovery & Recycling Equipment
 Expiration Date: August 14, 1999
 DER Application No. _____
 If None - by DER: _____

Listing of Major Equipment for CONSOLIDATED RESOURCE RECOVERY, INC (Facility Name)

Item No.	Item Description	Number of Pieces	Process Description, page reference	Drawing No.	Drawing Item No.	Equipment Cost
	POWERSCREEN MODEL #830	1	ADDENDUM #2	N/A	N/A	109,411.00



Jeb Bush
Governor

Department of Environmental Protection

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

May 4, 1999

David B. Struhs
Secretary

Mr. Melton McKown
Florida Department of Revenue
Tax Policy and Dispute Resolution
Post Office Box 7443
Tallahassee, Florida 32314-7443

Dear Mr. McKown:

Enclosed is a "Preliminary Examination Report" preliminarily certifying resource recovery equipment at the Tarpon Springs and Hillsborough County Yard Waste facilities. This report was prepared by the Department of Environmental Protection pursuant to Section 62-704.400, Florida Administrative Code, for your use when implementing Section 12A-1.001(23), Florida Administrative Code.

If you have any questions concerning this report or the Consolidated Resource Recovery application, please contact this office at (850)488-0300.

Sincerely,

Jan Rae Clark
Environmental Manager
Solid Waste Section

JRC/jrc

Enclosure

cc: Robert Butera ✓
Michael Calhoon
File



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

PRELIMINARY EXAMINATION REPORT

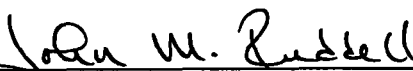
On September 15, 1998, the Department of Environmental Protection received an Application for Preliminary Examination of Resource Recovery Equipment for the Tarpon Springs and Hillsborough County Yard Waste facilities. This application is for exemptions from the state sales tax for certain resource recovery equipment, which will be used to recover energy or materials from solid waste at the facility. Pursuant to Section 403.715, Florida Statutes and Section 62-704.400, Florida Administrative Code, the Department hereby issues this report.

This preliminary examination report may be considered by the Department of Revenue, pursuant to Section 12A-1.001(23), Florida Administrative Code, when determining whether a temporary tax exemption shall apply to those items specified in this report as possible resource recovery equipment.

The Department's preliminary designations of resource recovery equipment in this report shall not preclude the Department from granting or denying certification following final examination of the same equipment, pursuant to Section 62-704.410, Florida Administrative Code.

After completing the preliminary examination, the Department has determined that all of the equipment listed in the applicant's equipment list (attached as Appendix A) may be resource recovery equipment as defined in Section 403.703(12), Florida Statutes.

This report is issued this 4th day of May, 1999.



John M. Ruddell, Director
Division of Waste Management

APPENDIX A

Jun 16 95

10:44 No.006 P.04

DER Form 12-704.800(1)
As to Permit, Exam, Final Exam & Con
Form for Resource Recovery & Recycling Equipment
Examine Date: August 14, 1990
DER Application No. _____
If not by DER: _____

Listing of Major Equipment for CONSOLIDATED RESOURCE RECOVERY, INC (Facility Name)

Item No.	Item Description	Number of Pieces	Process Description page reference	Drawing No.	Drawing Item No.	Equipment Cost
	830 POWER SCREEN W/ CONVEYORS SN # 9201477	1	TARPON RFP 97-004 HILLS # C-541.97	N/A	N/A	80,464.00