# Southwest District Permitting Application



# New Site

Site Name:		
Site ID:		
County:		
Type/Subcode:		
Fee submitted:	( ) correct	( ) incorrect
Total Fee Require	ed \$ Need \$	Refund \$
	Existing Site	
Site ID:	3.9884-019	
Project Name:	39884-019 Stage III GAS - TX	WACS ID#: 44795
Type/Subcode:	SC TX	New / Modification / Renewal
Fee submitted:	SC TX Scorrect	( ) incorrect
Total Fee Require	ed \$ Need \$	Refund \$
	Applicant Informat	tion
Name:	Applicant	
Rede:	11 Dur Corne	
Company:	(	
Address:	MANA tel (0	
City:	DW TILE	Zip Code:
Phone:		
Fee verified by:	PELZ	
Application Assig	gned To: AELZ	Date:

# STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION APPLICATION FOR A PERMIT TO CONSTRUCT, OPERATE, MODIFY OR CLOSE A SOLID WASTE MANAGEMENT FACILITY

Please Type or Print

PART A	A. GENERAL INFORMATION		
1.	Type of disposal facility (check all that	at apply):	
	☑ Class I Landfill	□ Ash Monofill	
	☐ Class III Landfill	☐ Asbestos Monofill	
	☐ Industrial Solid Waste		
	□ Other Describe:		
NOTE:	Waste Processing Facilities should a Land Clearing Disposal Facilities should apply on FC&D Disposal Facilities should apply	ould notify on Form 62-701.900(3), FAC; Form 62-701.900(10), FAC; and	
2.	Type of application:	ENVIRONMENTAL  MAR 30 2	
		ENVIRONNE DEPL	10-
	☐ Operation	MAR 30 2	PROENT
	☐ Construction/Operation	sn. 30;	DO SECTION
	☐ Closure	THWEST OF	0/7
	☐ Long-term Care Only	SOUTHWEST DISTR	PICT
3.	Classification of application:		
	□ New	□ Substantial Modification	
	☑ Renewal	□ Intermediate Modification	
4.	Facility name: Lena Road Class I L	□ Minor Modification andfill Stage III, gas collection system	
5.	DEP ID number: SWD-41-44795	County: Manatee	
6.	Facility location (main entrance): 3333 Lena Road, Bradenton, Florida	da 34211	
7.	Location coordinates:		
	Section: (1) (31) (6&7) Townsh	nip: <u>(35S) (34S) (35S)</u> Range: <u>(18E) (19E) (19E)</u>	
	Latitude: 27° 28	8' 10" Longitude: 82° 26'	35"
	Datum: NAD 83 Co	ordinate Method: State Plane Florida East Zone NAD 83	_
	Collected by: Isaac F. Rooks, Jr., P.	SM #5416 Company/Affiliation: I.F. Rooks & Associates	

8.	Applicant name (operating authority): Manatee County	Government - Utilities De	partment
	Mailing address: 3333 Lena Road	Bradenton Florida 3	4211
	Street or P.O. Box	City	State Zip
	Contact person: Mike Gore	Telephone: (941	) 748-5543 Ext. 8005
	Title: Solid Waste Division Manager	With trees.	
		mike.gore@mymanatee	e.org
9.	Authorized agent/Consultant: PBS&J (After April 1, 20	E-Mail addre	ss (if available) ges to Atkins)
	Mailing address: 482 South Keller Road, Orlando,		
	Street or P.O. Box		State Zip
	Contact person: Joe Miller	Telephone: ( <u>407</u>	) 806-4153
	Title: Project Manager ( After April 1, 2011 e-mail ad	dress will be: joseph.mille	r@atkinsglobal.com)
		jlmiller@pbsj.com	
		E-Mail addres	ss (if available)
10.	Landowner (if different than applicant):		
	Mailing address:Street or P.O. Box		
	Street or P.O. Box	City	State Zip
	Contact person:	Telephone: (	)
		E Moil add	ress (if available)
11.	Cities, towns and areas to be served:		,
	All of Manatee County, both incorporated and uninconeighboring counties.	orporated, Long Boat Key	
			·
12.	Population to be served:		
		-Year ection: 326,072	
13.	Date site will be ready to be inspected for completion:		July 2011 and July 2014
		Three Frances, cary 2000,	cally 2011 and cally 2011
14.	Expected life of the facility: 31 years		
15.	Estimated costs:		
	Total Construction: \$2,000,000	Closing Costs: \$ <u>35,579,5</u>	54.26
16.	Anticipated construction starting and completion dates	:	
	From: May 2008	To: March 2014	
17.	Expected volume or weight of waste to be received:		
	yds³/day1,280 tons	./day g	allons/day

### PART B. DISPOSAL FACILITY GENERAL INFORMATION

133ded 10/22/2000 With all Capill	ation date of 10/19	/2011. T	he project is entitl	mit No. 39884-0 ed: Lena Road C	Class I LF
Stage III, gas collection system.	The gas collection	system i	s being installed i	n three phases a	s the solid
waste is placed in the Stage III L	andfill				
				<del></del>	
		<del></del>			
					·
Facility site supervisor: Brian Wh	nite				
•					
Title: Landfill Superintendent		relephon	e: ( <u>941</u> ) <u>748-55</u>	43 Ext. 8008	
		bry	van.white@myma	anatee.org	
			E-Mail a	address (if availa	able)
Disposal area: Total	316 acres: 1	lead	316 acres	Available	0 acre
Disposal alea. Total	<u>010</u> acres,	,scu	<u> </u>	/ (Vallabio	
Weighing scales used: ☑ Yes □	No				
Security to prevent unauthorized					
	use: ☑ Yes □ No	)			
•			36 \$/ton		
Charge for waste received:			<u>36</u> \$/ton		
Charge for waste received:			<u>36</u> \$/ton		
Charge for waste received: Surrounding land use, zoning:	\$/y	ds <sup>3</sup>	<u>36</u> \$/ton		
Charge for waste received: Surrounding land use, zoning: ☑ Residential	\$/y □ Indu	ds <sup>3</sup>	<u>36</u> \$/ton		
Charge for waste received: Surrounding land use, zoning:  ☑ Residential ☑ Agricultural	\$/y □ Indu: □ None	ds <sup>3</sup>			
Charge for waste received: Surrounding land use, zoning: ☑ Residential	\$/y □ Indu: □ None ☑ Othe	ds <sup>3</sup> strial e er Descri	be:	Wastewater Tre	atment Plant
Charge for waste received: Surrounding land use, zoning:  ☑ Residential ☑ Agricultural	\$/y □ Indu: □ None ☑ Othe	ds <sup>3</sup> strial e er Descri		Wastewater Tre	atment Plant
Charge for waste received: Surrounding land use, zoning:  ☑ Residential ☑ Agricultural	\$/y □ Indu: □ None ☑ Othe	ds <sup>3</sup> strial e er Descri	be:	Wastewater Tre	atment Plant
Charge for waste received: Surrounding land use, zoning:  ☑ Residential ☑ Agricultural	\$/y □ Indu: □ None ☑ Othe	ds <sup>3</sup> strial e er Descri	be:	Wastewater Tre	atment Plant
Charge for waste received: Surrounding land use, zoning: ☑ Residential ☑ Agricultural	\$/y □ Indu: □ None ☑ Othe	ds <sup>3</sup> strial e er Descri	be:	Wastewater Tre	atment Plant
Charge for waste received: Surrounding land use, zoning: ☑ Residential ☑ Agricultural	\$/y □ Indu: □ None ☑ Othe	ds <sup>3</sup> strial e er Descri	be:	Wastewater Tre	atment Plant
Charge for waste received: Surrounding land use, zoning: ☑ Residential ☑ Agricultural	\$/y □ Indu: □ None ☑ Othe	ds <sup>3</sup> strial e er Descri	be:	Wastewater Tre	atment Plant
Charge for waste received: Surrounding land use, zoning:  Ø Residential Ø Agricultural □ Commercial	\$/y □ Indu □ None ☑ Othe Tran	ds <sup>3</sup> strial e er Descri	be:	Wastewater Tre	atment Plant
Charge for waste received: Surrounding land use, zoning:  ☐ Residential ☐ Agricultural ☐ Commercial ☐ Types of waste received:	\$/y □ Indu □ None ☑ Othe Tran	strial e er Descri nsportati	be: on and Utilities - \	Wastewater Tre	atment Plant
Charge for waste received: Surrounding land use, zoning:  ☑ Residential ☑ Agricultural ☐ Commercial  Types of waste received: ☑ Household	\$/y □ Indu □ None ☑ Othe Tran	strial e er Descri nsportati	be: on and Utilities - \	Wastewater Tre	atment Plant
Charge for waste received: Surrounding land use, zoning:  ☑ Residential ☑ Agricultural ☐ Commercial ☐ Use of waste received: ☑ Household ☑ Commercial	□ Indu	strial e er Descri nsportation  D debrisedded/cu	be: on and Utilities - \	Wastewater Tre	atment Plant

☐ Air treatment sludge	☐ Industrial sludge
☑ Agricultural	☑ Domestic sludge
☑ Asbestos	☐ Other Describe:
Salvaging permitted: ☐ Yes ☑ No	
Attendant: ☑ Yes ☐ No	Trained operator: ☑ Yes ☐ No
Trained spotters: ☑ Yes □ No	Number of spotters used: 16
Site located in: □ Floodplain	□ Wetlands   ☑ Other: Uplands
Days of operation: Monday through Sat	turday
Days of operation: Monday through Sat Hours of operation: 8:00 A.M. to 5:00 P	
•	Р.М.
Hours of operation: 8:00 A.M. to 5:00 P  Days Working Face covered: Daily - Mo	Р.М.
Hours of operation: 8:00 A.M. to 5:00 P  Days Working Face covered: Daily - Mo  Elevation of water table: 29	onday through Saturday
Hours of operation: 8:00 A.M. to 5:00 P  Days Working Face covered: Daily - Mo  Elevation of water table: 29  Number of monitoring wells: 18	P.M.  onday through Saturday  ft. Datum Used: Florida East Zone NAD 83
Hours of operation: 8:00 A.M. to 5:00 P  Days Working Face covered: Daily - Mo  Elevation of water table: 29  Number of monitoring wells: 18	P.M.  onday through Saturday  ft. Datum Used: Florida East Zone NAD 83
Hours of operation: 8:00 A.M. to 5:00 P  Days Working Face covered: Daily - Mo  Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points: 2	P.M.  onday through Saturday  ft. Datum Used: Florida East Zone NAD 83
Hours of operation: 8:00 A.M. to 5:00 P  Days Working Face covered: Daily - Mo  Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points: 2  Gas controls used: ☑ Yes □ No	e.M.  onday through Saturday  ft. Datum Used: Florida East Zone NAD 83  Type controls: ☑ Active □ Passive
Hours of operation: 8:00 A.M. to 5:00 P  Days Working Face covered: Daily - Mo  Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points: 2  Gas controls used: ☑ Yes □ No  Gas flaring: ☑ Yes □ No	e.M.  onday through Saturday  ft. Datum Used: Florida East Zone NAD 83  Type controls: ☑ Active □ Passive
Hours of operation: 8:00 A.M. to 5:00 P  Days Working Face covered: Daily - Mo  Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points: 2  Gas controls used: ☑ Yes □ No  Gas flaring: ☑ Yes □ No  Landfill unit liner type:	P.M.  onday through Saturday  ft. Datum Used: Florida East Zone NAD 83  Type controls: ☑ Active □ Passive  Gas recovery: ☑ Yes □ No  □ Double geomembrane □ Geomembrane & composite
Hours of operation: 8:00 A.M. to 5:00 P  Days Working Face covered: Daily - Mo  Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points: 2  Gas controls used: ☑ Yes □ No  Gas flaring: ☑ Yes □ No  Landfill unit liner type: ☑ Natural soils	P.M.  onday through Saturday  ft. Datum Used: Florida East Zone NAD 83  Type controls: ☑ Active □ Passive  Gas recovery: ☑ Yes □ No  □ Double geomembrane
Hours of operation: 8:00 A.M. to 5:00 P  Days Working Face covered: Daily - Mo  Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points: 2  Gas controls used: ☑ Yes □ No  Gas flaring: ☑ Yes □ No  Landfill unit liner type: ☑ Natural soils □ Single clay liner	P.M.  onday through Saturday  ft. Datum Used: Florida East Zone NAD 83  Type controls: ☑ Active □ Passive  Gas recovery: ☑ Yes □ No  □ Double geomembrane □ Geomembrane & composite

_eachate collection method:	
☑ Collection pipes	□ Sand layer
□ Geonets	□ Gravel layer
□ Well points	☐ Interceptor trench
□ Perimeter ditch	□ None
☐ Other Describe:	
eachate storage method:	
□ Tanks	□ Surface impoundments
□ Other Describe: There is no leachate storage at the landfil	
A STATE OF THE STA	
_eachate treatment method:	
□ Oxidation	☐ Chemical treatment
□ Secondary	☐ Settling
□ Advanced	☼ None
□ Other	
_eachate disposal method:	
□ Recirculated	☑ Pumped to WWTP
□ Transported to WWTP	☐ Discharged to surface water/wetland
☐ Injection well	□ Percolation ponds
□ Evaporation	☐ Spray Irrigation
□ Other	
***************************************	
*** · · · · · · · · · · · · · · · · · ·	

Storm Water:  Collected: ② Yes □ No  Type of treatment: Sand filter and/or mechanical filter.  Name and Class of receiving water: Cypress Strand and Gates Creek via on-site wetlands.	Ň	ame and Class of receiving water: lot applicable
Collected:	_	от арриосоло
Collected:		
Collected:	_	
Collected:	_	
Collected:	-	
Collected:	_	
Collected:	-	
Collected:		
Collected:  Yes  No  Type of treatment:     Sand filter and/or mechanical filter.    Sand filter and/or mechanical filter.	St	orm Water:
Type of treatment: Sand filter and/or mechanical filter.  Name and Class of receiving water: Cypress Strand and Gates Creek via on-site wetlands.  Environmental Resources Permit (ERP) number or status:	Ot	Sim vvalor.
Type of treatment: Sand filter and/or mechanical filter.  Name and Class of receiving water: Cypress Strand and Gates Creek via on-site wetlands.  Environmental Resources Permit (ERP) number or status:	_	W <del></del>
Name and Class of receiving water: Cypress Strand and Gates Creek via on-site wetlands.  Environmental Resources Permit (ERP) number or status:	C	pliected: Łi Yes □ No
Name and Class of receiving water: Cypress Strand and Gates Creek via on-site wetlands.  Environmental Resources Permit (ERP) number or status:	_	
Name and Class of receiving water: Cypress Strand and Gates Creek via on-site wetlands.  Environmental Resources Permit (ERP) number or status:	Тy	pe of treatment:
Environmental Resources Permit (ERP) number or status:	5	and filter and/or mechanical filter.
Environmental Resources Permit (ERP) number or status:	_	
Environmental Resources Permit (ERP) number or status:	_	
Environmental Resources Permit (ERP) number or status:	_	
Environmental Resources Permit (ERP) number or status:		
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Environmental Resources Permit (ERP) number or status:		
Environmental Resources Permit (ERP) number or status:		
Environmental Resources Permit (ERP) number or status:	Na	ame and Class of receiving water:
Environmental Resources Permit (ERP) number or status:	C	ypress Strand and Gates Čreek via on-site wetlands.
	_	
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MSSW Permit #403143.01	⊏r	ivironmental Resources Permit (ERP) number or status:
WISSVV Permit #403143.01		ACCIAI Darrait #402442.04
	V	ISSW Permit #403143.01
	_	
	_	
	_	
	_	

## PART S. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

Applicant:	
The undersigned applicant or authorized repres	sentative of Manatee County Government - Utilities Department
is aw	are that statements made in this form and attached
Environmental Protection and certifies that the of his/her knowledge and belief. Further, the un	of a construction Permit from the Florida Department of information in this application is true, correct and complete to the best ndersigned agrees to comply with the provisions of Chapter 403, of the Department. It is understood that the Permit is not transferable sale or legal transfer of the permitted facility.
(1)m(),G	4410 66th Street West
Signature of Applicant or Agent	Mailing Address
Daniel T. Gray, Director	Bradenton, Florida 34210
Name and Title (please type)	City, State, Zip Code
dan.gray@mymanatee.org	(941 ) 792-8811
E-Mail address (if available)	, Telephone Number
	Date: 3/25/2011
Professional Engineer registered in Florida (or Florida Statutes):	Public Officer if authorized under Sections 403.707 and 403.7075,
by me and found to conform to engineering print facility, when property maintained and operated	of this solid waste management facility have been designed/examined nciples applicable to such facilities. In my professional judgment, this d, will comply with all applicable statutes of the State of Florida and ndersigned will provide the applicant with a set of instructions of y.
TO THE STORY OF THE STORY	482 South Keller Road
Signatule?	Mailing Address
Joseph L. Miller, Project Manager	Orlando, Florida 32810
Name and Title (please type)	City, State, Zip Code
Mannan Mills	jlmiller@pbsj.com
	E-Mail address (if available)
39177	(407 )806-4153
Florida Registration Number (please affix seal)	Telephone Number
(piease ailix seai)	Date: March 23, 2011

1.

2.



# Florida Department of **Environmental Protection**

Southwest District 13051 N. Telecom Parkway Temple Terrace, Florida 33637-0926 Rick Scott Governor

Jennifer Carroll Lt. Governor

Herschel T. Vinyard Jr. Secretary

Dept. Of Environmental Protection

March 28, 2011

APR 0 6 2011

PBS&J **4030 WEST BOY SCOUT ROAD SUITE 700 TAMPA FL 33607** 

MAR 29 2011

CORP. A/P

Southwest District

Dear Sir/Madam:

- Reserve Jan Mark Mark Your check number 1182315 for \$50.00, is being returned for the following reason(s):

\*Unable to determine what the check is for. Please provide supporting documentation.

For more program specific information, please contact:

Susan Pelz

Phone: 813-632-7600 x386

Department of Environmental Protection Southwest District Office 13051 N Telecom Pkwy

Temple Terrace FL 33637

Sincerely,

Sandra Wilson

Finance and Accounting

RCT Ret R/ 10435

Enclosure(s)

## Miller, Joseph L

Back apfor Pont.

From:

Pelz, Susan [Susan Pelz@dep state fl.us]

Sent:

Thursday, March 03, 2011 8:41 AM

To:

Miller, Joseph L

Cc:

Morgan, Steve, bryan.white@mymanatee.org; mike.gore@mymanatee org; Deans, David E;

Gaskin, Nancy

Subject:

RE: Renewal of Lena Road Landfill Stage I Closure Permit

Dept. Of Environmental Protection

Joe,

APR 06 2011

Southwest District

#### Long-term care

As long as the long-term care activities (cover maintenance, monitoring, etc.) for the closed portions of the site are included in the Operations permit, the closure construction authorized by the permit has been completed, and no additional closure construction will occur in the next 5 years, then the closure permit does not need to be renewed.

From my email dated 10/6/08 (thanks for providing this), it seems that the closure permit (39884-011-SF/01) includes the long-term care plan/activities, and that the operation permit does not. If that is the case, then either: 1) the closure permit will need to be renewed, 2) the operation permit will need to be modified to include the LTC activities/plan, or 3) a separate LTC only (no construction) permit needs to be issued. Of those options, if there's no proposed closure construction for the next few years, then Option #2 is probably the best way to go.

#### Gas system construction

If gas system construction is expected to continue over the next few years, then a time extension can be requested on the SC/08 permit that will allow construction during the remainder of that 5-year permit. If gas system construction is proposed after that extension, then that permit will need to be renewed or a closure permit application that includes gas will need to be submitted. The time extension request is \$50 fee, and go ahead & fill out parts A, B and S of the application form (62-701.900(1)). We only need 2 paper copies of the submittal. We can extend the expiration date of the gas construction permit to its full 5 years.

If you have any questions, please call or email (email is better).

Susan J. Pelz, P E Solid Waste Program Manager Southwest District

13051 N Telecom Parkway Temple Terrace, Fl 33637 813-632-7600 x 386 susan.pelz@dep state fl us

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Herschel T. Vinyard Jr. is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on this link to the DEP Customer Survey. Thank you in advance for completing the survey.

From: Miller, Joseph L [mailto:JLMiller@pbsj.com] Sent: Wednesday, March 02, 2011 5:52 PM

To: Pelz, Susan

APR 0 6 2011





# **Check Request**

The check request form substitutes for an invoice when one isn't available. Examples include charitable contributions, sponsorships, and tax payments.

Date: March 22, 2011	
Check Amount: \$50.00	
Check Payee: Florida Department of Environmental Protect	tion Vendor # 1000283 Default Address
Payee Address: Attention: Susan J Pelz, PE, Solid Waste	
Florida Department of Environmental Protection, 13051 N	. Telecom Parkway, Temple Terrace, FL 33637
Reason: Pay \$50 permit fee to extend Stage III Landfill Ga	s Construction Permit by 2 years.
Requested by: Joe Miller	
Project/Overhead: 100017867	_ Task/Group: 08.X
Account Number: ExpTT ype + 50	0115
Special Instructions: Please indicate on check that the che	ck is for "Manatee County Lena Road Landfill"
Approval (per Authorization matrix):	Gan S Elga =
Dave Deans	Tame 2 tila=
Printed name	Signature

Please include documentation to support this request.

Internal controls prohibit checks from being returned to the requestor. All checks will be sent directly to the payee at the address indicated above.

Request should be scanned into Prodagio for processing.

Revision: 5/6/2010



An employee-owned company

March 23, 2011

Susan J. Pelz, P.E. Solid Waste Manager Southwest District 13051 North Telecom Parkway Temple Terrace, Florida 33637-0926

Dept. Of Environmental Protection

MAR 3 0 2011

Southwest District

Re: Lena Road Class I Landfill

Manatee County, WACS No. SWD-41-44795

Permit Application for Extention of

Construction Permit No.: 39884-016-SC/08

Dear Ms. Pelz:

Enclosed please find for the above referenced permit two complete applications which include Parts A, B and S. PBS&J's Accounting Department will send directly to you the \$50 check for the application fee.

This application is for a two year extension of the Lena Road Class I Landfill Stage III, gas collection system construction permit which expires on October 19, 2011.

If you have any questions, please call me at 407-806-4153, or e-mail me at <a href="mailto:jlmiller@pbsj.com">jlmiller@pbsj.com</a>. After April 1, 2011, my e-mail changes to: <a href="mailto:joseph.miller@atkinsglobal.com">joseph.miller@atkinsglobal.com</a>. Also, after April 1, 2011, PBS&J's name changes to Atkins.

Joseph L Miller, P.E.

Project Engineer

Cc: Bryan White, Manatee County Solid Waste w/1 copy

# STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION APPLICATION FOR A PERMIT TO CONSTRUCT, OPERATE, MODIFY OR CLOSE A SOLID WASTE MANAGEMENT FACILITY

Please Type or Print

PART	A. GENERAL INFORMA	TION	
1.	Type of disposal facility (check	all that apply):	Dept. Of Environmental Protection
	☑ Class I Landfill	☐ Ash Monofill	MAR 3 0 2011
	☐ Class III Landfill	☐ Asbestos Monofill	•
	☐ Industrial Solid Waste		Southwest District
	☐ Other Describe:		
	WARRANT TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO		
NOTE:	Land Clearing Disposal Facilities Compost Facilities should apply	ould apply on Form 62-701.900(4), FAC; es should notify on Form 62-701.900(3), FAC; y on Form 62-701.900(10), FAC; and apply on Form 62-701.900(6), FAC	
2.	Type of application:		
	☑ Construction		
	□ Operation		
	□ Construction/Operation		
	☐ Closure		
	□ Long-term Care Only		
3.	Classification of application:		
	□ <b>N</b> ew	□ Substantial Modification	
	☑ Renewal	□ Intermediate Modification	
4	Table Long Bond Class	☐ Minor Modification ss I Landfill Stage III, gas collection system	
4.	Facility name: Lena Road Clas	ss i Landilli Stage III, gas collection system	
5.	DEP ID number: SWD-41-447	95 County: Manatee	
6.	Facility location (main entrance 3333 Lena Road, Bradenton,	e): Florida 34211	
7.	Location coordinates:		
	Section: (1) (31) (6&7) To	ownship: <u>(35S) (34S) (35S)</u> Range: <u>(18E) (19E)</u>	(19E)
	Latitude: 27°	28' 10" Longitude: 82°	26' 35"
	Datum: NAD 83	Coordinate Method: State Plane Florida East Z	one NAD 83
	Collected by Isaac F. Rooks .	Jr., PSM #5416 Company/Affiliation: I.F. Rooks	& Associates

8.	Applicant name (operating authority): Manatee County C	Sovernment - Utilities De	partment
	Mailing address: 3333 Lena Road	Bradenton Florida 3	4211
	Street or P.O. Box	City	State Zip
	Contact person: Mike Gore	Telephone: ( <u>941</u>	) 748-5543 Ext. 8005
	Title: Solid Waste Division Manager		
		mike.gore@mymanatee	e.org
9.	Authorized agent/Consultant: PBS&J (After April 1, 201	E-Mail addres	ss (if available) es to Atkins)
	Mailing address: 482 South Keller Road, Orlando, F		
	Street or P.O. Box	City	State Zip
	Contact person: Joe Miller	Telephone: ( <u>407</u>	) 806-4153
	Title: Project Manager ( After April 1, 2011 e-mail add	ress will be: joseph.miller	@atkinsglobal.com)
		jlmiller@pbsj.com	
		E-Mail addres	s (if available)
10.	Landowner (if different than applicant):		
	Mailing address:	· · · · · · · · · · · · · · · · · · ·	
	Street or P.O. Box	City	State Zip
	Contact person:	Telephone: (	_)
11.	Cities, towns and areas to be served:		ess (if available)
	All of Manatee County, both incorporated and unincorneighboring counties.		
	neighboring counted.		
12.	Population to be served:		
•	Five-		
	•	ction: 326,072	
13.	Date site will be ready to be inspected for completion: $\underline{T}$	hree Phases: July 2008,	July 2011 and July 2014
14.	Expected life of the facility: 31 years		
15.	Estimated costs:		
	Total Construction: \$2,000,000	Closing Costs: \$ <u>35,579,5</u>	54.26
16.	Anticipated construction starting and completion dates:		
	From: May 2008	o: March 2014	
17.	Expected volume or weight of waste to be received:		
	,	day ga	allons/day

## PART B. DISPOSAL FACILITY GENERAL INFORMATION

This application is for a two	sposal facility design and operations planned under this application: year extension of the three year Construction Permit No. 39884-016-SC/08 xpiration date of 10/19/2011. The project is entitled: Lena Road Class I LF
Stage III gas collection syst	em. The gas collection system is being installed in three phases as the solid
waste is placed in the Stage	III Landfill.
***	
Facility site supervisor: Brian	White
•	
Title: Landfill Superintender	t Telephone: (941) 748-5543 Ext. 8008
	bryan.white@mymanatee.org
	E-Mail address (if available)
Disposal area: Total	316 acres; Used 316 acres; Available 0 acres
Weighing scales used: ☑ Ye	s □ No
Security to prevent unauthor	zed use: ☑ Yes □ No
Charge for waste received: _	\$/yds <sup>3</sup> \$fton
Surrounding land use, zoning	r:
☑ Residential	□ Industrial
☑ Agricultural	☐ None
☐ Commercial	☑ Other Describe: Transportation and Utilities - Wastewater Treatment Plar
Types of waste received:	
71	
☑ Household	☑ C & D debris
••	<ul><li>☑ C &amp; D debris</li><li>☑ Shredded/cut tires</li></ul>
☑ Household	
<ul><li>☑ Household</li><li>☑ Commercial</li></ul>	☑ Shredded/cut tires

	☐ Air treatment sludge	
	☑ Agricultural	☑ Domestic sludge
	☑ Asbestos	☐ Other Describe:
	***	
•	Salvaging permitted: □ Yes ☑ No	
	Attendant: ☑ Yes □ No	Trained operator: ☑ Yes ☐ No
	Trained spotters: ☑ Yes ☐ No	Number of spotters used: 16
	Site located in: □ Floodplain	□ Wetlands    ☑ Other: Uplands
		Saturday
	Days of operation: Monday through	Saturday 0 P.M.
	Days of operation: Monday through through through through the second through through through the second thro	Saturday 0 P.M.
	Days of operation: Monday through Hours of operation: 8:00 A.M. to 5:00 Days Working Face covered: Daily - Elevation of water table: 29	Saturday 0 P.M. Monday through Saturday
	Days of operation: Monday through Hours of operation: 8:00 A.M. to 5:00 Days Working Face covered: Daily - Elevation of water table: 29  Number of monitoring wells: 18	Saturday  O P.M.  Monday through Saturday  ft. Datum Used: Florida East Zone NAD 83
	Days of operation: Monday through Hours of operation: 8:00 A.M. to 5:00 Days Working Face covered: Daily - Elevation of water table: 29  Number of monitoring wells: 18	Saturday  O P.M.  Monday through Saturday  ft. Datum Used: Florida East Zone NAD 83
	Days of operation: Monday through:  Hours of operation: 8:00 A.M. to 5:00  Days Working Face covered: Daily -  Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points  Gas controls used: Yes \( \sigma \) No	Saturday  O P.M.  Monday through Saturday  ft. Datum Used: Florida East Zone NAD 83
	Days of operation: Monday through Hours of operation: 8:00 A.M. to 5:00 Days Working Face covered: Daily - Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points	Saturday  O P.M.  Monday through Saturday  ft. Datum Used: Florida East Zone NAD 83  : 2  Type controls: ☑ Active □ Passive
	Days of operation: Monday through Hours of operation: 8:00 A.M. to 5:00 Days Working Face covered: Daily - Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points  Gas controls used: Yes \( \text{D} \) No  Gas flaring: Yes \( \text{D} \) No  Landfill unit liner type:	Saturday  O P.M.  Monday through Saturday  ft. Datum Used: Florida East Zone NAD 83  : 2  Type controls: ☑ Active □ Passive
	Days of operation: Monday through:  Hours of operation: 8:00 A.M. to 5:00  Days Working Face covered: Daily -  Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points  Gas controls used: Yes No  Gas flaring: Yes No  Landfill unit liner type:  Natural soils  Single clay liner	Saturday  O P.M.  Monday through Saturday  ft. Datum Used: Florida East Zone NAD 83  : 2  Type controls:  Active  Passive  Gas recovery:  Yes  No  Double geomembrane Geomembrane & composite
	Days of operation: Monday through and thours of operation: 8:00 A.M. to 5:00 Days Working Face covered: Daily - Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points  Gas controls used: Yes No  Gas flaring: Yes No  Landfill unit liner type:  Natural soils  Single clay liner	Saturday  O P.M.  Monday through Saturday  ft. Datum Used: Florida East Zone NAD 83  : 2  Type controls:  Active  Passive  Gas recovery:  Yes  No  Double geomembrane  Geomembrane & composite  Double composite
	Days of operation: Monday through Hours of operation: 8:00 A.M. to 5:00 Days Working Face covered: Daily - Elevation of water table: 29  Number of monitoring wells: 18  Number of surface monitoring points  Gas controls used: Yes  No  Gas flaring: Yes  No  Landfill unit liner type:	Saturday  O P.M.  Monday through Saturday  ft. Datum Used: Florida East Zone NAD 83  : 2  Type controls:  Active  Passive  Gas recovery:  Yes  No  Double geomembrane Geomembrane & composite

Leachate collection method:			
☑ Collection pipes	□ Sand layer		
□ Geonets	☐ Gravel layer		
□ Well points	☐ Interceptor trench		
□ Perimeter ditch	□ None		
□ Other Describe:			
Leachate storage method:			
□ Tanks	☐ Surface impoundments		
□ Other Describe: There is no leachate storage at the landfill	l.		
	190		
4.			
Leachate treatment method:			
□ Oxidation	☐ Chemical treatment		
□ Secondary	☐ Settling		
□ Advanced			
□ Other			
Leachate disposal method:			
□ Recirculated	☑ Pumped to WWTP		
☐ Transported to WWTP	☐ Discharged to surface water/wetland		
☐ Injection well	☐ Percolation ponds		
□ Evaporation	☐ Spray Irrigation		
CT Office			
☐ Other			
Other			

	or leachate discharged to surface waters:
Ν	lame and Class of receiving water: Not applicable
	Not applicable
•	
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•	
S	Storm Water:
C	Collected: ☑ Yes □ No
T	ype of treatment: Sand filter and/or mechanical filter.
	Sand filter and/or mechanical filter.
	Louis and Olassa of assay him works
ľ	lame and Class of receiving water: Cypress Strand and Gates Creek via on-site wetlands.
	Oypiess ditand and Gales Greek via on site wellands.
•	
•	
E	Environmental Resources Permit (ERP) number or status:
	Environmental Resources Permit (ERP) number or status:  MSSW Permit #403143.01

### PART S. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

Applicant:	
The undersigned applicant or authorized rep	presentative of Manatee County Government - Utilities Department
is a	aware that statements made in this form and attached
Environmental Protection and certifies that the of his/her knowledge and belief. Further, the Florida Statutes, and all rules and regulation	on of a construction Permit from the Florida Department of the information in this application is true, correct and complete to the best undersigned agrees to comply with the provisions of Chapter 403, as of the Department. It is understood that the Permit is not transferable the sale or legal transfer of the permitted facility.
$\left( \right)_{Aa} \left( \right) \left( \right)$	
Signature of Applicant or Agent	4410 66th Street West  Mailing Address
•	·
Daniel T. Gray, Director  Name and Title (please type)	Bradenton, Florida 34210  City, State, Zip Code
,,	
dan.gray@mymanatee.org  E-Mail address (if available)	Telephone Number
,	Date: 3 /25/2011
Professional Engineer registered in Florida (Florida Statutes):	or Public Officer if authorized under Sections 403.707 and 403.7075,
by me and lound to conform to engineering processing, when properly maintained and opera	s of this solid waste management facility have been designed/examine principles applicable to such facilities. In my professional judgment, thated, will comply with all applicable statutes of the State of Florida and e undersigned will provide the applicant with a set of instructions of cility.
Jerson has the cold	482 South Keller Road
Signature 77	Mailing Address
Joseph L. Miller, Project Manager	Orlando, Florida 32810
Name and Little (please type)	City, State, Zip Code
ffigures the same of the same	jlmiller@pbsj.com
	E-Mail address (if available)
39177	(407 ) 806-4153
Florida Registration Number (please affix seal)	Telephone Number
(prodoc arm codi)	Date: March 23, 2011
	Date: Maion 23, 2011

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