SCS ENGINEERS

May 29, 2020 File No. 09218500.10

Mr. Phillip J. Ciaravella Florida Department of Environmental Protection Solid Waste Section, MS 4565 2600 Blair Stone Road Tallahassee, Florida, 32399-2400

Subject: Waste Tire Processing Facility Permit Renewal

Southeast County Landfill

Expiring Permit Number 126787-05-WT-02

WACS ID No: 41193

Dear Mr. Ciaravella,

At the request of the Hillsborough County, Solid Waste Management Division (SWMD), SCS Engineers (SCS) has prepared the attached permit renewal application for the Hillsborough County Waste Tire Processing Storage Facility (WTPF). Currently, the WTPF operates under expiring Permit No. 126787-005-WT-02. The WTPF is located at the Southeast County Landfill, WACs ID No. 41193.

SCS has mailed a check for \$1,250.00 to 2600 Blair Stone Road, MS 4565, Tallahassee, Florida 32399, in accordance with the fees outlined in Florida Administrative Code 62-4. The check was mailed in a separate package as the hardcopy of the permit application and the check are being mailed from different locations.

Please feel free to contact us should you have any comments or questions.

Sincerely,

Weller Mardelli Kollan L. Spradlin, P.E. Sr. Project Professional

SCS Engineers

Robert B. Curtis, P.E. Sr. Project Manager

SCS Engineers

Kimberly Byer, SWMD cc: Larry Ruiz, SWMD

Encl.

Waste Tire Processing Storage Facility Permit Renewal Application Southeast County Landfill Hillsborough County, Florida



Hillsborough County - Public Utilities Department Solid Waste Management Division (SWMD) 332 N. Falkenburg Road Tampa, FL 33619

Florida Board of Professional Engineers Certificate No. 00004892

SCS ENGINEERS

09215600.10 | May 29, 2020

3922 Coconut Palm Drive, Suite 102 Tampa, FL 33619 813-621-0080

Waste Tire Processing Storage Facility Permit Renewal Application SOUTHEAST COUNTY LANDFILL HILLSBOROUGH COUNTY, FLORIDA

Presented To:
Hillsborough County
Public Utilities Department
Solid Waste Management Division (SWMD)
332 N. Falkenburg Road
Tampa, FL 33619

Presented From:

SCS ENGINEERS
3922 Coconut Palm Drive, Suite 102
Tampa, FL 33619

Florida Board of Professional Engineers
Certificate No. 00004892

May 29, 2020 File No. 09215600.10

Kollan L. Spradlin, P.E. FL Reg. No. 82852

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Florida Department of **Environmental Protection**

Bob Martinez Center 2600 Blair Stone Road Tallahassee, Florida 32399-2400 DEP Form #62-701.900(23)

Form Title: Waste Tire Processing

Facility Permit Application

Effective Date: January 6, 2010 Incorporated in Rule 62-711.530(6)

Waste Tire Processing Facility Permit Application

Perr	mit No.	126787-0	5-WT-02						
Renewal ■ Modification □		on 🗆	Existing unpermitted facility Propos		oposed	new facility □			
Part	t I-Gene	ral Informatio	n:						
A.	Applic	ant Informatio	on:						
1.	Applica	nt Name:	Hillsboroug	h County Solid W	/aste Manage	ement Division	า		
2.	Applica	nt Street Addre	ass: 332 No	rth Falkenb	erg Road				
3.	City:	Tampa		County:	lillsborou	gh	Zip:	33619	
4.	Applica	nt Mailing Add	ress: PO Box	1110					
5.	City: T	ampa		County: H	illsboroug	h	Zip:	33601	
6.	Contac	t person: Kim	berly A. Byer	Phone: (813)612	2-7718	F	EID No:		
B .	does no does no Yes	ot include a Wa ot constitute ag No / Information:		ing Notice, Notice	e of Noncomp	of the enforce	er similaı	document which	
	,		s (Main Entrance):	15960 CI					
	City: L		(a <u>-</u> a).	County:	Hillsbord	ough	Zip:	33547	
		Mailing Addres	PO Box				'		
5.	-	ampa		State: Flo	rida		Zip:	33601	
6.	Contac	t Person:	arry Ruiz		Phone:	(813) 671-7	707		
7.	7. Facility Location Coordinates:								
	Section	n: 14		Township:	31S		Range:	21E,22E	
	Latitude	e: 27-46-4	13.7	Lo	ngitude: 82	2-10-47.1			
8.	Anticipa	ated date for st	arting construction	N/A	and fo	r completion of	of constru	ection Exist	ing
9.	Anticipa	ated date for re	ceipt of tires	N/A	and for	r start of proce	essing	Existing	
				Mail completed	I form to				

DEP Form #62-701.900(23)

Form Title: Waste Tire Processing Facility Permit Application

Effective Date: January 6, 2010 Incorporated in Rule 62-711.530(6)

	nd Owner Inforr vner's name: N	mation (if different f	rom applicant):				
2. La	nd owner's mailir	ng address: N/A	\				
3. Cit	y: N/A		State:	N/A	Zip:	N/A	
	thorized Agent:	N/A		Agent's phone		_	
5. Cu	ırrent lease expire	es: N/A					
	cility Operator In perator's name:	nformation (if differ	ent from applica	nt):			
2. Op	erator's mailing a	address: N/A					
3. Cit	y: N/A		State:	N/A	Zip:	N/A	
4. Co	ontact person:	N/A		Phone: ()		
	eparer of Applic ime of person pre	ation: eparing application:	Kollan S	Spradlin			
2. Ma	ailing address:	3922 Coconu	ıt Palm Dri	ve, Suite 102			
3. Cit	_{y:} Tampa		State:	Florida	Zip:	33619	
4. Ph	one: (813)8	04-6706					
5. Aff	iliation with facilit	y: Authoriz	ed Agent/C	Consultant			
A Fac		appropriate box):					
	ste tire processin		a diaposal of pro	accord times or process	ooina rooiduala		
	·			ocessed tires or proces of waste tires or proces			
	·		•	to allow wa ste tire site	•		
		-	-		and processing.		
□si	Type of processing facility (check as many as apply): □Shredder □Cutter □Chopper □Incinerator only □Incinerator with energy recovery □Pyrolysis □Supplemental fuel user ■Other, explain _Storage						
				te tires, processed wa nce with Rule 62-711.5		essing residuals,	
		Outdoor Storage(tons)	Outdoor Storage (sq.ft	Indoor Storage) (tons)	Indoor Storage (sq.ft)	Total Storage (tons)	
Whole	e waste tires:	1,560	30,000			1,560	
Proce	essed tires:						
Proce	essing residuals:			_		_	
TOTA	ALS:	1,560	30,000			1,560	

DEP Form #62-701.900(23)

Form Title: Waste Tire Processing Facility Permit Application

Effective Date: January 6, 2010 Incorporated in Rule 62-711.530(6)

D.	For reporting qua	ntity of tires in tons, tires will be:	0	ed on site nts will be calculated	weighed off site \Box	Ц	
E.		not be disposing of processed tire aste management facility where pr		0	,	ust indicate the	
1.	Name of facility	See Engineer's Report Part F for description of	of transpo	rtation and disposal facilitie	s		
2.	Street address:	N/A					
3.	City: N/A	Con	unty:	N/A	Zip:	N/A	
F.	Facilities that will be delivering processed tires to consuming facilities must describe the existing or proposed markets for those processed tires. See Engineer's Report Part F for description of transportation and disposal facilities						

Part III-Attachments:

A. Facility design

NOTE: All maps, plan sheets, drawings, isometrics, cross sec tions, or aerial photographs shall be legible; be signed and sealed by a registered professional engineer responsible for their preparation; be of appropriate scale to show clearly all required details; be numbered, referenced to narrative, titled, have a legend of symbols used, contain horizontal and vertical scales (where applicable), and specify drafting or origination dates; and use uniform scales as much as possible, contain a north arrow and use NGVD for all elevations.

- 1. A topographic or section map of the facility, including the surrounding area for one mile, no more than one year old, showing land use and zoning within one mile of the facility
- 2 A plot plan of the facility on a scale of not less than one inch equals 200 feet. At a minimum, the plot plan shall include
 - a. The facility design, including the location and size of all storage and processing areas for used tires, unprocessed waste tires, processed waste tires, and waste tire processing residuals;
 - b. All wetlands and water bodies within the facility or within 200 feet of any storage area;
 - c. Stormwater control measures, including ditches, dikes, and other structures;
 - d. Boundaries of the facility, legal boundaries of the land containing the facility, and any easements or rights of way that are within the facility or within 200 feet of any storage area;
 - e. Location, size, and depth of all wells within the facility or within 200 feet of any storage area;
 - f. All structures and buildings that are, or will be, constructed at the facility; include those used in storage and processing operations;
 - g. All areas used for loading and unloading;
 - h. All access roads and internal roads, including fire lanes;
 - i. Location of all fences, gates, and other access control measures; and
 - i. Location of all disposal areas within the facility.

B. Facility operation.

- 1. A description of the facility's operation, process and products including how waste tires will be received and stored.
- A description of the equipment used for processin g tires. This description shall include the make, model, and hourly capacity of each piece of equipment.
- 3 Description of the waste from the process, the amount of waste expected and how and where this waste will be disposed of.
- 4. Statement of the maximum daily throughput and the planned daily and annual throughput.
- 5 A description of how the operator will maintain compliance with each of the storage requirements of Rule 62 711.540, F.A.C.
- 6 A copy of the emergency preparedness manual for the facility with a statement of the on site and off site locations where that manual will be maintained.
- 7. A copy of the fire safety survey
- 8 A description of how 75% of the annual accumulation of waste tires will be removed for disposal or recycling.
- C. Completed closing plan for the facility as required by Rule 62 -711.700(2) and (3), F.A.C.

DEP Form #62-701.900(23)

Form Title: Waste Tire Processing **Facility Permit Application**

Effective Date: January 6, 2010 Incorporated in Rule 62-711.530(6)

05/29/2020

Date

- Attach proof of financial responsibility as requirement by Rule 62 -711.500(3) OR a calculation showing that financial assurance documents, currently on file with the Department, are sufficient to assure closing of the waste tire site as well as any other solid waste management facility at that location.
- A letter from the land owner (if different from applicant) authorizing use of the land as a waste tire pr ocessing E.
- F. If waste tires will be consumed or diposed of at the facility, attach a description of the other environmental permits that the applicant has for this use, including, permit number, date of issue, and name of issuing agency
- G. The permit fee as required in Rule 62-4, F.A.C.

Part IV-Certification:

_	-			
Α.	Αı	an	lica	nt

Hillsborough County Solid Waste Management Division The undersigned applicant or authorized representative of

Kimberly A. Byer, Director

Name and Title

Is aware that statements made in this form and attached information are an application for a Renewal of a Permit from the Florida Department of Environmental Protection and certifies that

The information in this application is true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the Department. It is understood that the Department will be notified prior to the sale or legal transfer of the facility.

B. Professional Engineer registered in Florida.

Signature of Applicant or Authorized Agent

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

SCS Engineers 3922 Coconut Palm Drive, Suite 102 Signature Mailing Address

Kollan Spradlin, P.E., Sr. Project Professional Tampa, FL, 33619

> Name and Title City, State, Zip

82852 813-621-0080

> Florida Registration Number Telephone number

(please affix seal)

A. GENERAL INFORMATION

On behalf of the Hillsborough County Solid Waste Management Division (SWMD), SCS Engineers (SCS) has prepared this Permit Renewal Application for the Waste Tire Processing Storage Facility (WTPF) at the Southeast County Landfill (SCLF). Information provided in this application is in accordance with Florida Administrative Code (F.A.C.) 62-711.540, and divided into Sections following the State of Florida Department of Environmental Protection (FDEP) Waste Tire Processing Facility Permit Application Form 62-701.900(23). Much of the permit renewal information has been previously submitted with the expiring permit number 126787-005-WT-02 application and associated permit modification 126787-006-WT-MM, and does not need to be re-submitted for the permit renewal in accordance with F.A.C. 62.701.320(10)(c). SCS has included additional and updated information in select sections where applicable.

As part of the Waste Tire Processing Facility Permit Application form, the applicant is required to submit a history and description of enforcement actions relating to solid waste management facilities in Florida. Below, Table 1 summarizes enforcement history for the applicant, the SWMD. Based on a review of the SCLF files and information provided by Hillsborough County staff responsible for the SCLF, the applicant is not aware of any other enforcement actions relative to the County's other solid waste operations. Any errors or omissions are not to be construed as a misrepresentation of the facts. Should FDEP have additional information in their files, the SWMD will concede to FDEP's data.

Table 1. Enforcement Action History Hillsborough County Solid Waste Operations

FACILITY	ACTION	STATUS
	FDEP Warning Letter Regarding Turbidity and Consent Agreement issued #WL02-2223SW29SWD 12/9/02	County responded 2/3/03. Measures implemented to reduce turbidity under evaluation for six months.
	FDEP SFCO #10-3622	Closed
Southeast County Landfill	FDEP WL #10 005-SW29SWD	Closed
(SCLF)	FDEP SFCO #09-3117	Closed
	FDEP Consent Order No. 96- 1649 for head over liner 8/5/1996	Leachate Management Plan Developed-Closed
	OGC-CO #09-3117	Closed 12/3/09
	Consent Agreement, OGC # 17-0058	Open – July 28, 2017
Hillsborough Heights/Taylor Road	EPA Consent Decree 6/15/83	Replaced with ROD and Consent Decree No. 98-239- CIV-T-25F
Landfills	EPC SFCO No. 09-3366DW	Closed
Northwest Landfill	DEP Consent Order No. 89-0108	Replaced with Water Quality Monitoring Permit No SF29- 288170
Northwest Landill	#WL92-0011SW29SWD	Closed
	FDEP – CO #08-2838	Open
Falkenburg Yard and	#WL92-0010SW29SWD	Closed
WW	#WL93-0006SW29SWD	Closed
	EPC WN#15372	Closed

FACILITY	ACTION	STATUS
Northwest Transfer	#WL93-0014SW29SWD	Closed
Station	#WL94-0012SW29SWD	Closed, replaced by general permit #126750-001-SO
South County Transfer Station	EPC Case #05-35153	Closed 8/12/09
	EPC Warning Notice #14629- Ash Residue Management - 1994	Closed
	EPC Warning Notice #14697	Closed
Resource Recovery Facility	EPC WL#16099 lead to CO #99- 0721DML0261-Retrofit for Air Emissions	Closed
raciity	EPC CO #03-0824AR0261 – Failure to inject carbon in MWC Unit Numbers 1 & 3	Closed
	EPC Warning Notice #2004- 0506A – Failure to calibrate the opacity CEMs for EU2	Closed
Mango Clay Pit	FDEP – WL #29-8610483 – monitoring only – 10/14/1986	Closed
Sydney Mine	FDEP - CO #87-0627 - Source removal and pump and treat system in 1987 - lead to second Consent Decree - CD 801 - CV-2466-T-30TBM in 2004 for natural attenuation and continued monitoring	Open – Settlement Agreement
Gunn Highway Landfill	FDEP - CO#92-0622 - required to investigate LFG migration at property boundaries - SWMD currently monitors the site monthly	Open
Pleasant Grove Landfill	FDEP - CO #92-0683 - required contamination assessment and ground and surface water and LFG monitoring	Open – Ground and Surface Water Monitoring (COM_65124) Closed – LFG Monitoring 10/15/15

A.1 TOPOGRAPHIC MAP

Figures 1-5 of the 2015 Engineering Report submitted with the expiring permit number 126787-005-WT-02 application and the topographic map associated with permit modification 126787-006-WT-MM are still valid, and do not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

A.2 PLOT PLAN

Figures 1-5 of the 2015 Engineering Report submitted with expiring permit number 126787-005-WT-02 application and the figures associated with permit modification 126787-006-WT-MM are still valid, and do not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c). The previous submittals associated with the information required by items A.2.a through A.2.J are listed below.

A.2.a Facility Design

The facility design drawings were previously submitted with associated permit modification 126787-006-WT-MM are still valid, and do not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

A.2.b Wetlands and Waterbodies

The wetlands and waterbodies figure submitted with the expiring permit number 126787-005-WT-02 application is still valid, and does not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

A.2.c Stormwater Control

The drawings that show stormwater control measures were previously submitted with associated permit modification 126787-006-WT-MM are still valid, and do not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

A.2.d Boundaries of the Facility

The drawings that depict facility boundaries were previously submitted with associated permit modification 126787-006-WT-MM are still valid, and do not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

The figures depicting the legal boundaries of the land containing the facility, easements, and right of way that were previously submitted with the expiring the permit number 126787-005-WT-02 application are still valid, and do not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

A.2.e Wells

Included in **Appendix A** is a figure depicting non-potable landfill operations supply wells located on the property. **Appendix A** also includes the well construction permit application and the well completion report for a non-potable supply well recently installed at the Biosolids Composting Facility (BCF). The well construction permit application and well completion report include size and depth construction details.

There are no potable wells within the WTPF or within 200 feet of any WTPF storage pad.

A.2.f Structures and Buildings

No structures or buildings are planned to be constructed at the WTPF.

A.2.g Loading and Unloading

Loading and unloading will occur in the areas immediately adjacent to each of the storage pads, within the facility boundaries.

The drawings that depict the loading and unloading areas immediately adjacent to the storage pads were previously submitted with associated permit modification 126787-006-WT-MM are still valid, and do not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

A.2.h Roads

The drawings that depict access roads, internal roads, and fire lanes were previously submitted with associated permit modification 126787-006-WT-MM are still valid, and do not need to be resubmitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

A.2.i Fences, Gates, and Access Control

The drawings that depict fences, gates, and other access control measures were previously submitted with the expiring permit number 126787-005-WT-02 application and associated with permit modification 126787-006-WT-MM are still valid, and do not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

A.2.j Disposal Areas

Tires are not disposed at the facility. Tires are stored at the facility until they are removed by an outside contractor for disposal at a permitted disposal facility.

B. FACILITY OPERATION

B.1 OPERATION DESCRIPTION

Vehicles delivering waste tires to the WTPF enter through the SCLF main gate and are weighed at the time of entry and exit from the SCLF to establish the net weight of tires delivered to the WTPF. A sign stating the site operating hours, cost of disposal and site rules is located at the main gate. SWMD employees are responsible for operating and maintaining the WTPF during all hours of operation. SWMD personnel at the WTPF observe the unloading of waste tires and adhere to the storage requirements listed in Rule 62-711.540, F.A.C. No other waste materials are accepted at the WTPF. Haulers with other waste are re-directed to the scales to re-weigh the remaining load without the tires and then directed to the appropriate disposal areas for the materials. Any putrescible material inadvertently received at the WTPF is removed and disposed of in the Class I landfill areas.

Drawings submitted with the expiring permit number 126787-005-WT-02 application and associated permit modification 126787-006-WT-MM are still valid, and do not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

B.2 TIRE PROCESSING EQUIPMENT

Tires are not processed at the facility, and no processing equipment is used at the WTPF.

B.3 TIRE PROCESSING WASTE

Tires are not processed at the facility. Section F includes a description of tire disposal procedures.

B.4 PROCESSING FACILITY THROUGHPUT

The maximum and planned daily throughput is 5 tons (per day). The anticipated annual throughput is 1,560 tons (per year).

B.5 STORAGE REQUIREMENTS

The waste tire storage area is accessed from the north side along the berm that surrounds the processed tire storage area. The storage pads are 50 feet wide and no longer than 200 feet. Areas surrounding the storage pads are grassed and the County removes weeds and applies an EPA approved herbicide as needed to keep the storage pads free of grass, underbrush, and other flammable vegetation at all times, as required by Rule 62-711.540(3)(f), F.A.C. A minimum 50-foot fire lane is provided around all sides of each storage pad in accordance with Rule 62-711.540, F.A.C. The processed tires are stored no higher than 15 feet, with side slopes of approximately 1.5 feet horizontal to 1 foot vertical. Based on current pad dimensions and maximum stockpile heights, an estimated total volume of 7,532 cy or 1,672 tons of whole tires can be stockpiled on the storage pads. The anticipated intake of 5 tons per day is equal to 1,560 tons per year, which is less than the available pad capacity. The storage pad calculations previously submitted with permit modification application 126787-006-WT-MM are still valid, and do not need to be re-submitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

The storage area is bermed for channeling stormwater runoff and to contain potential runoff from a fire. The storage of processed tires complies with Rule 62-711.540, F.A.C.

B.6 EMERGENCY PREPAREDNESS MANUAL

The Emergency Preparedness Manual submitted with expiring permit number 126787-005-WT-02 and associated permit modification 126787-006-WT-MM is still valid, and does not need to be resubmitted for permit renewal in accordance with F.A.C. 62.701.320(10)(c).

B.7 FIRE SAFETY SURVEY

The most recent fire safety survey of the WTPF, dated February 11, 2020, is included as **Appendix B**. The WTPF fire safety survey included in **Appendix B** indicates that the property inspected consists of the outside material storage area. However, a 2,500 square foot open-air storage structure located in the southeast corner of the BCF was also included in the attached inspection. Although the fire safety survey included with this permit renewal application is the appropriate safety survey, the SWMD will request that future fire safety inspections clearly indicate that only the waste tire processing facility was inspected.

B.8 ANNUAL ACCUMULATION LIMIT

Hillsborough County will operate the facility to remove at least 75% of the annual accumulation of waste tires for disposal or recycling through use of an outside removal, transportation, and disposal contractor and the Hillsborough County's Resource Recovery Facility. If needed, Hillsborough County's Resource Recovery Facility (waste to energy) can accept up to 54 tons per day of tires.

C. CLOSING PLAN

Closure of the WTPF will include stopping public access to the site. Notices to the public will be posted indicating the site is closed and providing the phone number of the SWMD. The FDEP will be notified and upon determination of public access, a 10-week period will be implemented for removal of waste tires and site rehabilitation. Site rehabilitation will consist of removal and disposal of all tires on site. Facility storage pads will be removed and the site regraded as necessary. The FDEP will be notified when the site closing and rehabilitation is complete.

D. PROOF OF FINANCIAL RESPONSIBILITY

The Waste Tire Processing Storage Facility financial assurance is calculated as part of the Southeast County Landfill Solid Waste Operations Permit number 35435-022-SO/01. Proof of financial responsibility as required by Rule 62-711.500(3) is included as **Appendix C**.

E. LAND OWNER LETTER

The landowner is the applicant.

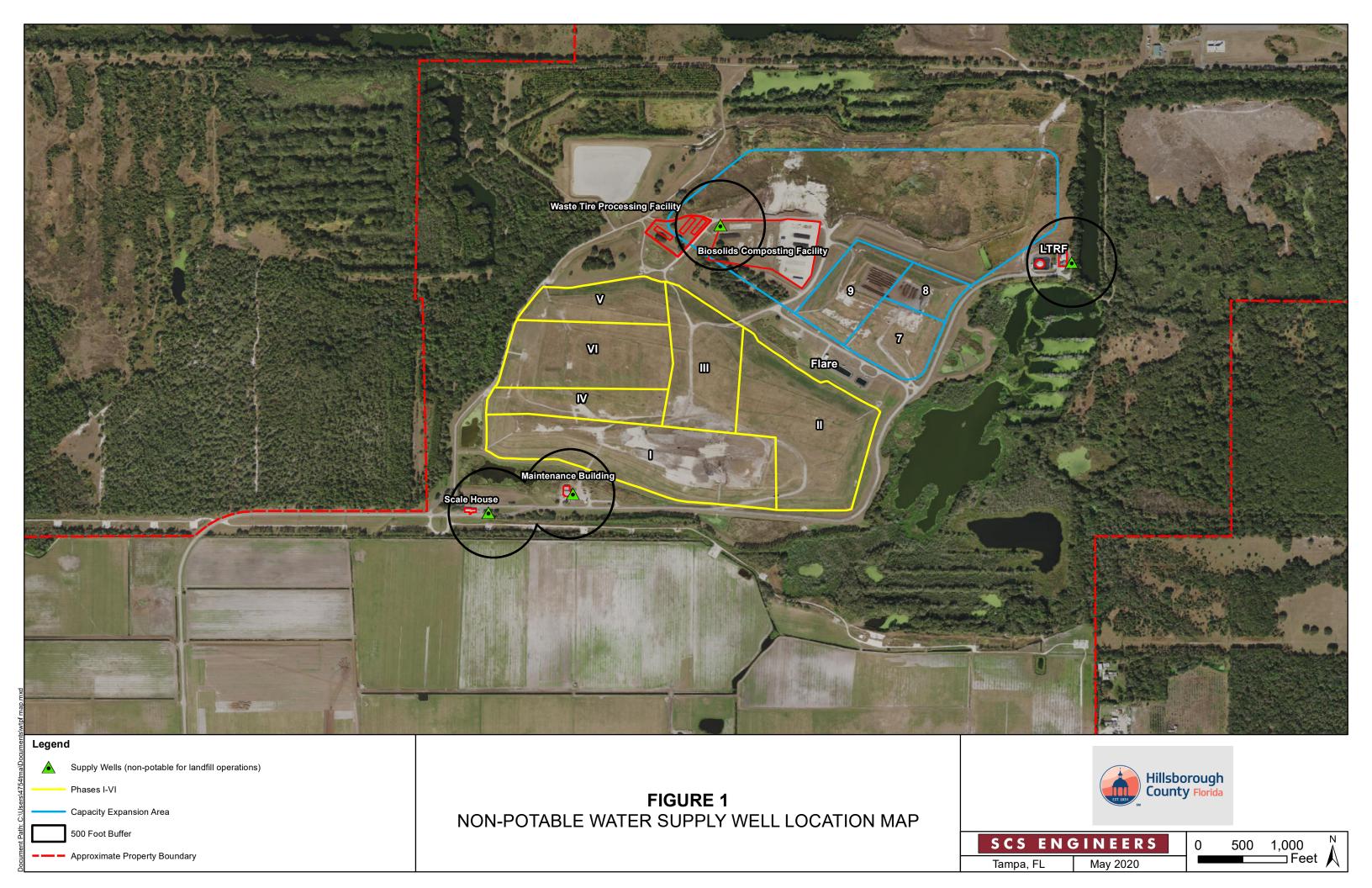
F. TIRE DISPOSAL

Hillsborough County shall transport stored car tires from the storage pads to Hillsborough County's Resource Recovery Facility (waste to energy) to be used as fuel. Stored tires with rims and stored truck tires shall be removed from the storage pads by an outside contractor for disposal. Currently, Hillsborough County has a contract with Angelo's Aggregate Materials (303741-003-WT/02) for removal, transportation, and disposal services of tires with rims and truck tires. Hillsborough County's Resource Recovery Facility (waste to energy) can take up to 54 tons per day of tires.

G. PERMIT FEE

A \$1,250.00 check paid to the order of the Florida Department of Environmental Protection has been mailed to the attention of Phil Ciaravella at 2600 Blair Stone Road, MS 4565, Tallahassee, Florida 32399.

APPENDIX A WELL FIGURE AND PERMITS



STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, Permit No._ REPAIR, MODIFY, OR ABANDON A WELL 885566 Florida Unique ID X Southwest PLEASE FILL OUT ALL APPLICABLE FIELDS □ Northwest (*Denotes Required Fields Where Applicable) Permit Stipulations Required (See Attached) ☐ St. Johns River 02, 03, 31, 39 The water well contractor is responsible for completing ☐ South Florida this form and forwarding the permit application to the appropriate delegated authority where applicable. 62-524 Quad No. Q3118 Delineation No. □ Suwannee River DEP CUP/WUP Application No. 20321.001 □ Delegated Authority (If Applicable) ABOVE THIS LINE FOR OFFICIAL USE ONLY 1. HILLSBOROUGH COUNTY REAL EST PO BOX 1110 TAMPA 33601 *State *Telephone Number *Owner, Legal Name if Corporation *City 2. 15960 672 HWY Wimauma Well Location - Address, Road Name or Number, City 213114ZZZ000004455900U Parcel ID No. (PIN) or Alternate Key (Circle One) Lot Block Unit Hillsborough Check if 62-524: ___ Yes _x_ No *Township *Range Subdivision *Section or Land Grant County (813) 968-7277 5. William B Ziegler 9078 wbz@southeastdrilling.net *Telephone Number Water Well Contractor *License Number E-mail Address 6. 10614 E. US Hwy 92 33610-5972 Water Well Contractor's Address State 7. *Type of Work: __x_ Construction ___ Repair __ Modification Abandonment *Reason for Repair, Modification, or Abandonment 8. *Number of Proposed Wells_ Date Stamp 9. *Specify Intended Use(s) of Well(s): Agricultural Irrigation Site Investigation Domestic Landscape Irrigation Received: Monitoring Bottled Water Supply Livestock Recreation Area Irrigation _ Jan 13, 2020 10:52 am Nursery Irrigation X Public Water Supply (Limited Use/DOH) Commercial/Industrial Earth-Coupled Geothermal Public Water Supply (Community or Non-Community/DEP) Golf Course Irrigation **HVAC Supply HVAC Return** Recharge ____Commercial/Industrial Disposal ____Aquifer Storage and Recovery ____Drainage Remediation: ____Recovery ___Air Sparge ___Other (Describe) _ Official Use Only Other (Describe) _(Note: Not all types of wells are permitted by a given permitting authority) 10.*Distance from Septic System if ≤200 ft. 150 11. Facility Description SE County Landfill 12. Estimated Start Date 02/03/2020 13.*Estimated Well Depth 400 ft. *Estimated Casing Depth 235.0 ft. *Primary Casing Diameter 4 in. Open Hole: From 70_ 14. Estimated Screen Interval: From _To__ X PVC Black Steel Galvanized 15.*Primary Casing Material: Stainless Steel Other:_ Not Cased 16. Secondary Casing: _____Telescope Casing ____ Liner ____ Surface Casing Diameter ____ in. 17. Secondary Casing Material: ____Galvanized _____PVC ____Stainless Steel __ Black Steel ___Cable Tool _____Jetted __x __Rotary 18.*Method of Construction, Repair, or Abandonment: _Auger _ Combination (Two or More Methods) ___Hand Driven (Well Point, Sand Point) _____Hydraulic Point (Direct Push) Horizontal Drilling __Plugged by Approved Method Other (Describe) 19. Proposed Grouting Interval for the Primary, Secondary, and Additional Casing: From 1.5 To 235.0 Seal Material (Bentonite x Neat Cement Other Seal Material (Bentonite **Neat Cement** Other From Seal Material (Bentonite **Neat Cement** Other Seal Material (Bentonite Neat Cement Other From To 20. Indicate total number of existing wells on site 1 List number of existing unused wells on site 0 21.* Is this well or any existing well or water withdrawal on the owner's contiguous property covered under a Consumptive/Water Use Permit (CUP/WUP) or CUP/WUP Application? X Yes No If yes, complete the following: CUP/WUP No. 20321.001 District Well ID No. 2 Longitude 82 10 55.82 22. Latitude 27 46 46.61 23. Data Obtained From: ____GPS _X _Map __ ___NAD 27 __**X**__NAD 83 __ Thereby certify that I will comply with the applicable rules of Title 40, Florida Administration Code, and that a water use permit or artificial recharge permit, if needed, has been or will be obtained prior to commencement of well construction. I further certify that all information provided in this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well completion report to the District within 30 days after completion of the construction, repair, modification, or abandonment authorized by this permit, or the permit expiration, whichever occurs first. I certify that I am the owner of the property, that the information provided is accurate, and that I am aware of my responsibilities under Chapter 373. Ricida Statutes, to maintain or properly abandon this well; or, I certify that I am the agent for the owner, that the information provided is accurate, and that I have informed the owner of his I sresponsibilities as stated above. Owner consents to allowing personnel of this WMD or Delegated Authority access to the well site during the construction, repair, modification, or abandonment authorized by this permit. Digitally Signed Digitally Signed *Signature of Owner or Agent

DO NOT WRITE BELOW THIS LINE - FOR OFFICIAL USE ONLY

THIS PERMIT IS NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD OR DELEGATED AUTHORITY. THE PERMIT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL CONSTRUCTION, REPAIR, MODIFICATION, OR ABANDONMENT ACTIVITIES

*License No

Signature of Contractor

Fee Received \$130.00

Check No.

2379 BROAD STREET, BROOKSVILLE, FL 34604-6899 PHONE: (352) 796-7211 or (800) 423-1476

WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

4049 REID STREET, PALATKA, FL 32178-1429

PHONE: (386) 329-4500 WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712

(U.S. Highway 90, 10 miles west of Tallahassee)

PHONE: (850) 539-5999 WWW.NWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

P.O. BOX 24680 3301 GUN CLUB ROAD

WEST PALM BEACH, FL 33416-4680

PHONE: (561) 686-8800 WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

9225 CR 49

LIVE OAK, FL 32060

PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)

WWW.MYSUWANNEERIVER.COM

Comments:
Associated with WUP 20321 DID 2
New 4" PSW being drilled to replace existing 4" PSW which is too close to proposed building for future expansion of
Landfill facilities.

General Site Map of Proposed Well Location

Well to be located west of the Future Biosolids composting facility

Identify known roads and landmarks. Give distances from all reference points or structures, septic systems, sanitary hazards, and contamination sources, if applicable.

STIPULATION NUMBER 2 - HILLSBOROUGH COUNTY

The Board of County Commissioners of Hillsborough County has adopted ordinance 87-21 and 12-5. These ordinances require the following:

- 1. Permits and inspections shall be obtained from the Hillsborough County Building and Construction Services Division for well pumps and tanks used for private (domestic) potable water systems. The installation of these items is governed by the Florida Building Code Plumbing, Section 614. The following are required from the County:
 - a. Plumbing (general) Issued to licensed Plumbing or Water Well Contractors, or homeowner/property owners.
 - b. Dover Special Well Construction Area Only: Plumbing (general) Well depth verification inspection.
 - c. Electrical (general) Issued to licensed Electrical Contractors, or homeowners/property owners.
 - d. An appropriately licensed contractor, licensed under Chapter 489 F.S. must perform the installation, repair or altering of a plumbing system or any of its parts, including the irrigation system.
 - e. A plumbing permit from Hillsborough County Building and Construction Services pursuant to Chapter 489 F.S. to install, repair or alter a plumbing system or any of its parts, including the irrigation system.
 - f. Permit fees pursuant to BOCC adopted permit fee schedule.
- While Water well contractors must be licensed with the District, they must also be registered locally with Hillsborough County. The county registration includes the requirement of a \$5,000.00 Code Compliance Bond.
- The Hillsborough County Health Department (HCHD) shall inspect the proposed well site prior to drilling.
 After completion of the well, the HCHD will take water samples and conduct a final inspection of the well.
 The well shall not be used for human consumption until the HCHD has certified the well.
- 4. Well casing shall terminate 12" above final grade or above the flood elevation.
- 5. All inspections associted with Hillsborough County permit(s) should be performed and approved prior to items a. and b. below. Before a well is used for human consumption, the following shall be met:
 - a. The well and water system shall be chlorinated so as to provide a chlorine residual of not less than 50 mg/l and flushed according to standards set forth in Chapter 62-555, Florida Administrative Code.
 - b. A representative of the HCHD shall obtain at least two satisfactory bacteriological samples from the completed potable water supply.
- For wells associated with new construction, the Hillsborough County Development and Construction Services will not issue a certificate of occupancy until the system has been approved and certified for use by the HCHD.

Permit No. 885566

COPY TO OWNER TO BE PROVIDED BY CONTRACTOR (Updated 12/12)

STIPULATION # 3 - PUBLIC SUPPLY WELLS

- A. Compliance with state and local county health regulations as per Chapter 62-555 or 64E-8, Florida Administrative Code (F.A.C.), is required via the Drinking Water System Permit.
- B. Compliance with Chapters 62-532 and 62-555, F.A.C., on construction standards and grouting procedures for Public Supply Wells shall be followed.
- C. Any additional (if required) well grouting operations shall be observed by a designated Southwest Florida Water Management District (SWFWMD) representative. Arrangements for an observer shall be made with the local Regulation Department 24-hours in advance of grouting operations. Observers will be available for assignment during normal working hours (8:00 a.m. 4:30 p.m.), Monday through Friday. Travel time must be taken into consideration. Exceptions may be made for extenuating circumstances. Contact the Field Service Supervisor, in the Tampa office at (813) 985-7481, 24 hours prior to grouting.
- D. This well site has been judged as satisfactory based on the location and information provided to the County Health Department or SWFWMD at the time of the well site inspection. Any change in the location of the proposed well must be coordinated with the Well Construction Permit Geologist at (813) 985-7481, or 1-800-836-0797.
- E. All final clearances by the SWFWMD will be held until a completion report has been received from the water well contractor.
- F. The well casing must extend a minimum of **18 inches** above final grade elevation.
- G. Existing 4-inch Limited-Use well shall be abandoned.

Permit No. 885566

Date: March 10, 2020

SEE ATTACHED NOTICE TO OWNER

(11/03)

STIPULATION # 31 SPECIAL CONDITION FOR WUP WELL CONSTRUCTION

Name: Hills. Co. Solid Waste Group / Attn.: Edward Watson

WUP #: 20020321.001

S-T-R: 14-31-21

County: Hillsborough

The Permittee shall construct the proposed wells according to the surface diameter, casing depth, and total depth specifications listed below. The casing shall be continuous from land surface to the minimum depth stated, and is specified to prevent the unauthorized interchange of water between different water bearing zones. The total depth listed below is an estimate based on best available information of the depth at which high producing zones are encountered. However, it is the Permittee's responsibility to have the water in the well sampled during well construction before reaching the estimated minimum total depth. Such sampling is necessary to ensure that the well does not encounter water quality that cannot be utilized by the Permittee, and to ensure that withdrawals from the well will not cause or add to water quality degradation. All depths given are in feet below land surface. For Well Construction requirements see language attached to and made part of the Water Use Permit.

District	Permittee	Surface	Minimum	Estimated
ID No.	ID No.	Diameter	Casing Depth	Total Depth
2	2	4 inches	235 feet	400 feet

Permit No: 885566

COPY TO OWNER TO BE PROVIDED BY CONTRACTOR

(11/03)

STIPULATION NUMBER 39 - WELL AND DRILLHOLE ABANDONMENT

It will be the **water well contractor's** responsibility to have any incomplete well or drillhole attempted under this permit properly abandoned.

Any incomplete or abandoned well or drill hole as described in Chapter 40D-3, Florida Administrative Code (F.A.C.), shall be abandoned as follows:

- A. The well shall be examined from land surface to the original depth of construction for debris or obstructions (any debris or obstruction shall be removed prior to abandonment).
- B. The well shall be plugged from bottom to top by an approved method of grouting with either Portland neat cement grout or an approved Bentonite product as specified in Rule 40D-3.517(2)(b), F.A.C.

It will be the **owner's** responsibility to have any well completed under this permit, or any existing well on this property, which meets the definition of an abandoned well as defined in Rule 40D-3.021(1), F.A.C., properly abandoned in accordance with Rule 40D-3.531, F.A.C.

If any well constructed under this permit will replace any existing well deemed abandoned per Rule 40D-3.021 (1), F.A.C., or triggers an unauthorized Water Use situation, then the existing well must be plugged within 30 days of new well completion. A plugging permit will be required.

It will be the **owner's** responsibility to have any inactive well, which does not meet the above criteria and is no threat to the water resource properly capped in an air and watertight manner with a threaded, welded or bolted cover or valve. If the pump and well seal are water tight, the pump may be left in place. If practical, a protective cover two (2) feet in height shall be placed around the well casing.

- A. Wells with a diameter of six (6) inches or more without pumping equipment shall have the well casing extended a minimum of two (2) feet above land surface.
- B. Wells with a diameter of less than six (6) inches without pumping equipment shall be securely set in a concrete slab and have either the well casing extended a minimum height of two (2) feet above land surface or a protective cover centered over the well casing. The concrete slab shall be a minimum of four (4) inches in thickness by two (2) feet by two (2) feet square. The protective cover shall be set in the concrete slab and extend a minimum of two (2) feet above land surface.

In flood prone areas all wells shall extend a minimum of one (1) foot above the 100 year flood elevation, if practical, in accordance with Rule 40D-3.521(4), F.A.C.

Any plugging operations shall be permitted separately from this permit by the Southwest Florida Water Management District and be witnessed by a designated District representative. Arrangement for a District representative shall be made with the local District Field Services office a minimum of 24 hours in advance of these operations. A District representative will be available for assignment during normal working hours (8:00 AM - 4:30 PM), Monday through Friday. Travel time must be taken into consideration. Exemptions may be made for extenuating circumstances. For scheduling, please contact the Field Service Supervisor in the Tampa office at (813) 985-7481.

Permit No: 885566

COPY TO OWNER TO BE PROVIDED BY CONTRACTOR

(Updated 12/12)



STATE OF FLORIDA WELL COMPLETION REPORT



X Southwest

PLEASE, FILL OUT ALL APPLICABLE FIELDS (*Denotes Required Fields Where Applicable)

Date Stamp

Received:

Apr 3, 2020 12:11 pm

□ Northwest
□ St. Johns River ☐ South Florida ☐ Suwannee River DEP

☐ Delegated Authority (If Applicable)

Official Use Only

1.*Permit Number_885566 *CUP/WUP N	umber_20321.001	*DI	ID Number	2 62-5	524 Delineation	No	
2.*Number of permitted wells constructed, repaired, or	r abandoned1	*Number	of permitted wel	ls not constructed	, repaired, or ab	andoned	0_
3.*Owner's Name HILLSBOROUGH COUNTY REAL E	STATE DEPT	_ 4.*Comple	tion Date 04/03/	2020 5. Flori	da Unique ID		
6. 15960 672 HWY	Wimau	ma		22547			
*Well Location - Address, Road Name or Number,		illia		33547			
7. *County_Hillsborough *Section	n14 Land	Grant		*Town	ship31	*Range_	21
8. Latitude 27 46 46.61 Lo							
9. Data Obtained From:GPS _X_Map	Survey		Datum:I	NAD 27 <u>X</u> N	AD 83	WGS 84	
	andscape Irrigation ecreation Area Irrig	-	Agricultural Agricultural Livestock Nursery Irri Commercia Golf Cours	gation	_Site Investigat _Monitoring _Test _Earth-Coupled _HVAC Supply _HVAC Return		nal
Class V Injection:Recharge Commercial/li	ndustrial Disposal	Aquifer S	torage and Rec	overv Draina	ae		
Remediation:RecoveryAir Sparge							
Other (Describe)							
12.*Drill Method: Auger Cable Tool	X Rotary	Combination	on (Two or More	e Methods)	Jetted	Sonic	
Horizontal Drilling					- (A) (COMMENT)	00.30374	
13.*Measured Static Water Level114.0_ ft. Mea	sured Pumping Wa	ater Level	ft. A	fterHou	urs at	_GPM	
14.*Measuring Point (Describe)	Which i	isft	Above	Below Land Surfa	ce *Flowing:_	Yes _	No
			endo-to benevelendo i				
16.*Total Well Depth 420.0 ft. Cased Depth 245.0 f	tt. *Open Hole: Fi	rom245_10	420 ft. *Sci	reen: From	_lott.	Slot Size_	
17.*Abandonment: Other (Explain) From ft. To ft. No. of Bags From ft. To ft. No. of Bags	Seal Material (C Seal Material (C Seal Material (C	Check One):_ Check One):_ Check One):_	Neat Cem Neat Cem Neat Cem	nent Bentor nent Bentor nent Bentor	iteOther iteOther iteOther		
18.*Surface Casing Diameter and Depth: Diain. Fromft. Toft. No.	of Bags S	Seal Material (Check One):	Neat Cement	Bentonite	Other	
Diain. Fromft. Toft. No.	of BagsS	Seal Material (Check One):	Neat Cement	Bentonite	Other_	
Dia <u>i</u> n. From <u>ft.</u> To <u>ft.</u> No. Dia <u>in. From</u> ft. To <u>ft.</u> No.	of Bags S of Bags S	Seal Material (Seal Material (Check One): Check One): Check One): Check One): Check One):	Neat Cement Neat Cement Neat Cement Neat Cement Neat Cement Neat Cement	Bentonite Bentonite Bentonite Bentonite Bentonite	Other_	Slurry G
Diain. Fromft. Toft. No.	of Bags	Seal Material (Seal Material (Seal Material ((Check One):	Neat Cement Neat Cement Neat Cement	Bentonite Bentonite Bentonite	Other_ Other_ Other	
21.*Telescope Casing Diameter and Depth: Diain. Fromft. Toft. No.	of Bags S	Seal Material (Seal Material (Seal Material ((Check One): (Check One):	Neat Cement Neat Cement Neat Cement	Bentonite Bentonite Bentonite	Other Other Other	
22. Pump Type (If Known):	125 CEN	23. Chem	nical Analysis (W	Vhen Required):			
CentrifugalJetSubmersible Horsepower Pump Capacity (GPM) Pump Depthft. Intake Depthft.	Turbine	V HO PODOVOGE	ppm S Laboratory Test	Sulfatep	ppm Chloride Test Kit		_ppm
24. Water Well Contractor:		047	8				
*Contractor Name William B Ziegler	*License Number	9078	E-mail A	ddress wbz@sout	heastdrilling.net	t .	
*Contractor's Signature Digitally Signed	this report is accurate as	*Drille	er's Name (Print	or Type) John B 2	Ziegler		<u></u>

2379 BROAD STREET, BROOKSVILLE, FL 34604-6899

PHONE: (352) 796-7211 or (800) 423-1476

WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

4049 REID STREET, PALATKA, FL 32178-1429

PHONE: (386) 329-4500 WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712

(U.S. Highway 90, 10 miles west of Tallahassee)

PHONE: (850) 539-5999

WWW.NWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

P.O. BOX 24680 3301 GUN CLUB ROAD WEST PALM BEACH, FL 33416-4680 PHONE: (561) 686-8800

WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

9225 CR 49

LIVE OAK, FL 32060

PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)

WWW.MYSUWANNEERIVER.COM

	ium, and C=0			ings every 20 ft. or at for	mation changes. Note cavities and dept	h to producing zone. Grain Size: F=Fine,
From	0.0 ft.	To	45.0 ft.	Color TAN	Grain Size (F, M, C)COARSE	Material SAND
From	45.0 ft.	To	60.0 ft.	Color GREEN	Grain Size (F. M. C)COARSE	Material CLAY
From	60.0 ft.	To	176.0 ft.	Color GREEN	Grain Size (F, M, C)COARSE	Material CLAYEY LIMESTONE
From	240.0 ft.	To_	420.0 ft.	Color WHITE	Grain Size (F, M, C)HARD	Material LIMESTONE
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material
From	ft.	To	ft.	Color	Grain Size (F, M, C)	Material

Comments:

Finish: Open Hole

In and out of clayey limestone down to 176, lost circulation, drille d blind to 240, set casing, drilled good limestone to 420 ft, well r ather lean

*Detailed Site Map of Well Location

Z

Give distances from all reference points or structures, septic systems, sanitary hazards, and contamination sources within 500 ft. of well.

APPENDIX B FEBRUARY 2020 FIRE SAFETY SURVEY





Business Name: HC SOUTH EAST LAND FILL

Address: 15960 C R 672 CHML STRG LITHIA, FL 33547

Owner/ Manager Name: RON WIESMAN Owner/ Manager Phone: 813-671-7707

Owner/ Manager Email: WiesmanR@HCFLGov.net

INSPECTION INFORMATION

Date of Inspection: 02/11/2020 **Hillsborough County Fire Rescue**

Inspector Name:Stephen Shelton9450 E. Columbus Dr.Phone:(813) 744-5541Tampa, FL 33619

Fax: (813) 744-5794 Survey: https://www.surveymonkey.com/s/FireInspectionSurvey

BUILDIN	G INFORMATION	STRUCTURE INFORMATION		
Type:	Building - Commercial	Area:	2500	
Style:	Detached	Type:	Enclosed building	
Status:	In normal use	Construction:	Type II (Noncombustible)	
Commercial Units:	1	Stories Above:	0	
Residential Units:	0	Stories Below:	0	

USE INFORMATION

Occupancy Load:

Occupancy: Storage Occupancies

Property (1): Outside material storage area

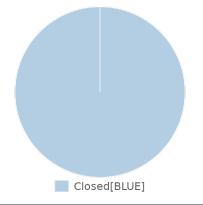
 Property (2):
 N/A

 Mixed:
 N/A





Status	Count
Closed[BLUE]	2



IMPORTANT INFORMATION FOR RECIPIENT

You have 10 business days to appeal this Notice of Violation, by sending a letter to the Fire Marshal's Office at 9450 E. Columbus Dr., Tampa, Florida 33619. For information regarding the Administration Appeals Process please contact the Fire Marshal's Office at (813) 744-5541.

Codes are referenced from the Florida Fire Prevention Code and Hillsborough County Ordinance.







INSPECTION RESULTS

1. Fire System Documentation: N/A

2. Fire System Visual Inspection: N/A

3. General Occupancy Inspection: No Violations

02/11/2020 09:46 am - Stephen Shelton:

No noted discrepancies







OPEN VIOLATIONS







INSPECTION INFORMATION

Date of Inspection: 02/11/2020 **Hillsborough County Fire Rescue**

Inspector Name:Stephen Shelton9450 E. Columbus Dr.Phone:(813) 744-5541Tampa, FL 33619

Fax: (813) 744-5794 Survey: https://www.surveymonkey.com/s/FireInspectionSurvey

BILL TO INFORMATION

Bill To Name: Solid Waste Management Division
Bill To Company: Solid Waste Management Division

Bill To Address: 332 N. Falkenburg Rd. Tampa, Fl. 33619

Bill To Phone: 813-671-7707

INSPECTOR SIGNATURE RECIPIENT SIGNATURE

y Stephin Shirton Feb 11, 2020 09-46 Significant Shirton Feb 12, 2020 09-46 Significant Shirton Shirto

Signed by Ron Wissman Feb 11, 2020

RE-INSPECTION DATE ON OR AFTER

N/A

IMPORTANT INFORMATION FOR RECIPIENT

ABOVE VIOLATIONS MAY CAUSE FIRE, CONTRIBUTE TO THE SPREAD OF FIRE, OR CAUSE UNDUE INJURY IN THE EVENT OF FIRE. VIOLATIONS MUST BE CORRECTED IMMEDIATELY.

FAILURE TO COMPLY BY REINSPECTION DATE WILL RESULT IN ADDITIONAL FEES AND MAY RESULT IN THE FILING OF CRIMINAL OR CIVIL ACTION



APPENDIX C PROOF OF FINANCIAL RESPONSIBILITY

Wargo, Emily

From: Wargo, Emily

Sent: Wednesday, February 19, 2020 2:30 PM

To: byerk@hillsboroughcounty.org

Cc: Spradlin, Kollan; RuizLE@HillsboroughCounty.org; ONeillJ@hillsboroughcounty.org;

BCurtis@scsengineers.com; Arney, Trent; Financial Assurance Working Group; Morgan, Steve; Tafuni,

Steven; Madden, Melissa; Newsome, Kaitlyn; Cope, Ron

Subject: 2020 Cost Estimate Approval Letter - Hillsborough Southeast County Landfill (WACS ID: 41193)

Attachments: SCLF 2020 FA Inflation Phase I-VI and CEA.pdf

Dear Ms. Byer:

This letter is to acknowledge receipt of inflation-adjusted cost estimates, dated and received February 5, 2020, for closure and long-term care of the Hillsborough Southeast County Landfill and closure of the associated waste tire processing facility. The cost estimates received February 5, 2020, as indicated below, are **APPROVED for 2020**. The approved cost estimates are for closure and long-term care of Phases I-VI (162.4 acres) and Sections 7-9 (34.5 acres) of the landfill, and for disposal of 1,560 tons of waste tires. The estimates below reflect the use of on-site soils for final closure, as certified in the 2020 *Annual Declaration of Restrictive Covenant*, dated and received February 5, 2020.

Closing Long-Term Care

Phases I-VI, WTPF: \$20,640,189.72 \$1,278,840.83 x 30 years = \$38,365,225.00 Sections 7, 8, and 9: \$5,124,638.81 \$189,734.39 x 30 years = \$5,692,031.76

The next annual update for <u>revised or inflation-adjusted cost estimates</u> is due no later than **March 1, 2021**. The next annual update for the <u>Restrictive Covenant</u> should accompany the next annual cost estimate update; Per Section E.2.c of the Restrictive Covenant, this update is due no later than **July 1, 2021**.

A copy of these estimates is forwarded, via this email, to the Solid Waste Financial Coordinator at Financial.Assurance.Working.Group@dep.state.fl.us. Financial assurance documents can be sent to: Solid Waste Section, FDEP, 2600 Blair Stone Road MS 4548, Tallahassee, Florida 32399-2407. Please work with the coordinator directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, F.A.C.

Further information about Solid Waste Financial Assurance can be found at the Department's website at: https://floridadep.gov/waste/permitting-compliance-assistance/content/solid-waste-financial-assurance

Thank you,



Emily Wargo

Florida Department of Environmental Protection Southwest District Engineering Specialist II Emily.Wargo@FloridaDEP.gov

Office: 813-470-5942

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Please consider the environment before printing this email.

From: Spradlin, Kollan < KSpradlin@scsengineers.com>

Sent: Wednesday, February 5, 2020 1:51 PM

To: Ciaravella, Philip < Philip.Ciaravella@FloridaDEP.gov>

Cc: SWD_Waste <<u>SWD_Waste@dep.state.fl.us</u>>; Ruiz, Larry <<u>RuizLE@HillsboroughCounty.ORG</u>>; ONeillJ@hillsboroughcounty.org; Byer, Kimberly <<u>ByerK@hillsboroughcounty.org</u>>; Curtis, Bob

<<u>BCurtis@scsengineers.com</u>>; Arney, Trent <<u>TArney@scsengineers.com</u>>; Newsome, Kaitlyn

<Kaitlyn.Newsome@FloridaDEP.gov>; Financial Assurance Working Group

Ron <Cope@epchc.org>

Subject: SCLF - 2020 Southeast County Landfill Inflation Factor Cost Estimate - WACS ID 41193

Dear Mr. Ciaravella,

As requested by the Hillsborough County Public Utilities Department, Solid Waste Management Division (SWMD), attached please find the annual closure cost estimates for Phase I-VI, the Capacity Expansion Area Sections 7, 8, and 9, and the Waste Tire Processing Facility at the Southeast County Landfill (SCLF). Condition F.2.b of the current Operation Permit requires submittal of these estimates annually by March 1st. These estimates have been completed using the inflation factor provided by the Florida Department of Environmental Protection and the most recent closure estimates from the November 7, 2018 five-year submittal, approved on February 12, 2019 (attached).

Please let us know if you have any questions.

Thank you,

Kollan

Kollan Spradlin, PE, CHMM
Senior Project Professional
SCS Engineers
3922 Coconut Palm Drive, Suite 102
Tampa, Florida 33619
813-804-6706 (W)
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Florida Department of Environmental Protection

Bob Martinez Center 2600 Blair Stone Road Tallahassee, Florida 32399-2400 DEP Form # 62-701.900(28), F.A.C.

Form Title: Closure Cost Estimating Form For Solid Waste Facilities

Effective Date: January 6, 2010

Date of DEP Approval:

Incorporated in Rule 62-701.630(3), F.A.C.

CLOSURE COST ESTIMATING FORM FOR SOLID WASTE FACILITIES

. GENERAL I	INFORMATION:							
Facility Name	e: Hillsborough (County Sou	utheast Landfil	I - CEA	\	WACS ID: SWD	/29/41193	
Permit Applica	ation or Consent C	Order No.:	der No.: <u>35435-022-SO/01</u>			Expiration Date: <u>11/07/2023</u>		
Facility Addres	ss: <u>15960 CR 6</u>	72 Lithia, I	FL 33547 (8.8	miles east of U.S.	301 on County	Road 672)		
Permittee or C	Owner/Operator:	Hillsbord	ugh County S	olid Waste Manage	ement Division			
Mailing Addre	ess: <u>P.O Box 11</u>	10, Tampa	, FL 33601					
_atitude:	27 °	46'	38 "	Longitude:	82°	10'	38 "	
Coordinate Me	ethod: <u>AutoCAI</u>	D Survey	D	atum: NAD 83		_		
Collected by:	SCS Engineers			company/Affiliation	SCS Engineer	s		
Solid Waste D	Disposal Units Incl	uded in Es	timate: **Desi	gn Life from 2019 I	Remaining Car	pacity Report o	dated 8/30/20	
			Date Unit	Active Life of		If closed:	If closed:	
			Began	Unit From Date	If active:	Date last	Official	
Pha	se / Cell	Acres	Accepting Waste	of Initial Receipt of Waste	Remaining life of unit	waste received	date of closing	
	Sections 7, 8, and 9 34.5		1/5/2004	27.7 years	11.7 years**	N/A	N/A	
	77, 0, und 0	04.0	170/2004	27.7 years	11.7 years	14// (14// (
		<u> </u>						
Total disposal	I unit acreage inclu	uded in this	estimate:	Closure: <u>34.5</u>	Lor	ng-Term Care:	34.5	
		Class I		class III 🗆	C&D Debris	Disposal		
(Check ai	II that apply) □	Other: _						
	FINANCIAL ASSU	JRANCE D	•		_	_		
						row Account	D.	
	Performance Bond	π		☑ Financial Test ☐ Form 29 (FA Deferral)			erral)	
	Buarantee Bond*			und Agreement				
* -	- Indicates mechanisms	that require t	he use of a Standb	by Trust Fund Agreemen	t			

III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code, (F.A.C.) sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate ajustment below.

☐ (b) Recalculated or New Cost Estimates

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflatory by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste website www.dep.state.fl.us/waste/categories/swfr or call the Financial Coordinator at (850) 245-8706.

This adjustment is based on the	2/12/2019				
Latest Department Approved Closing Cost Estimate:		ent Year Inflation ctor, e.g. 1.02			Inflation Adjusted Closing Cost Estimate:
\$5,014,323.69	×	1.022		=	\$5,124,638.81
This adjustment is based on the	e Department	approved long-term	care cost estimate	dated:	2/12/2019
Latest Department Approved Annual Long-Term Care Cost Estimate: \$185,650.09		ent Year Inflation ctor, e.g. 1.02 1.022		=	Inflation Adjusted Annual Long-Term Care Cost Estimate: \$189,734.39
					Ψ100,104.00
Number of Years of	×	30			
Inflation Adjusted	Long-Term (Care Cost Estimate:		=	\$5,692,031.76
Signature by:	□ Owner/O _l	perator 🛮 🗷	Engineer	(check what a	applies)
Kollen horace	lin		3922 Cocoi	nut Palm Dri	ve, Suite 102
Signa	ture	_			Address
		Project Professional	Tampa, FL		
Name 8	& Title			City, S	State, Zip Code
February 5,20	40		kspradlin@	scsengineer	s.com
Da	te			JULY NE-E	ail Address
813-804-6706				POLYTICE	NS O
Telephone	Number			No. 82	2852 * =
-			- T	OZ/OS/	OF CHES



Florida Department of Environmental Protection

Bob Martinez Center 2600 Blair Stone Road Tallahassee, Florida 32399-2400 DEP Form # 62-701.900(28), F.A.C.

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CLOSURE COST ESTIMATING FORM FOR SOLID WASTE FACILITIES

. GENERAL INFORMATION:							
acility Name: Hillsborough	County Sou	ıtheast Landfil	l - Phases I-VI	V	VACS ID: SWD/	/29/41193	
Permit Application or Consent (ation or Consent Order No.: 35435-022-SO/01			Expiration Date: <u>11/07/2023</u>			
Facility Address: 15960 CR	672 Lithia, I	FL 33547 (8.8	miles east of U.S.	301 on County	Road 672)		
Permittee or Owner/Operator:	Hillsbord	ugh County S	olid Waste Manage	ement Division			
Mailing Address: P.O Box 11	10, Tampa	, FL 33601					
_atitude: 27 °	46'	26 "	Longitude:	82°	11'	01 "	
Coordinate Method: AutoCA	D Survey		atum: NAD 83		_		
Collected by: SCS Engineers			Company/Affiliation:SCS Engineers				
Solid Waste Disposal Units Incl	uded in Es	timate: **Desi	gn Life from 2019 F	Remaining Cap	acity Report o	dated 8/30/20	
		Date Unit	Active Life of		If closed:	If closed:	
		Began	Unit From Date	If active:	Date last	Official	
Dhasa / Call	A ====	Accepting	of Initial Receipt	Remaining	waste	date of	
Phase / Cell	Acres	Waste of Waste		life of unit	received	closing	
Phases I-VI 162.4		1984	46.2 years	10.2 years**	N/A	N/A	
Waste Tire Site 1,560 tn		N/A	N/A	N/A	N/A	N/A	
Fotal disposal unit acreage incl	uded in this	estimate:	Closure: 162.	4 Lon	g-Term Care:	162.4	
Facility type:	Class I	□ C	class III 🗆	C&D Debris	Disposal		
(Check all that apply) $\ \ \Box$	Other: _						
					_		
I. TYPE OF FINANCIAL ASS	URANCE D	OCUMENT (C	Check type)				
□ Letter of Credit* □ Insurance Certificate			ce Certificate	□ Esc	row Account		
□ Performance Bond* ▼ Financial T			al Test	□ Forr	m 29 (FA Defe	erral)	
☐ Guarantee Bond*		□ Trust F	und Agreement				
* - Indicates mechanism	s that require t	he use of a Standb	by Trust Fund Agreemen	t			
			-				

III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code, (F.A.C.) sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate ajustment below.

⋈ (a) Inflation Factor Adjustment

☐ (b) Recalculated or New Cost Estimates

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflatory by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste website www.dep.state.fl.us/waste/categories/swfr or call the Financial Coordinator at (850) 245–8706.

This adjustment is based on the	2/12/2019					
Latest Department Approved Closing Cost Estimate: \$20,195,880.35	Facto	Year Inflation r, e.g. 1.02 1.022		=	Inflation Adjusted Closing Cost Estimate: \$20,640,189.72	
	_					
This adjustment is based on the	e Department ap	proved long-term o	are cost estimate d	ated:	2/12/2019	
Latest Department Approved Annual Long-Term Care Cost Estimate: \$1,251,311.97	Factor	Year Inflation r, e.g. 1.02 1.022		=	Inflation Adjusted Annual Long-Term Care Cost Estimate: \$1,278,840.83	
	_				Ψ1,270,040.00	
Number of Years of Long Term Care Remaining:					30	
Inflation Adjusted Long-Term Care Cost Estimate:				=	\$38,365,225.00	
Signature by:	□ Owner/Oper	ator 🛭 🗷 E	Engineer (check what a	applies)	
Volle horas	li		3922 Coconut Palm Drive, Suite 102			
Signa		Address				
Kollan Spradlin, P.E. SCS Er	ngineers, Sr. Pro	ject Professional	Tampa, FL 3	3619		
Name 8			City, State, Zip Code			
February 5,	kspradlin@s	kspradlin@scsengineers.com				
/ Dat	e			IIIIOL	an Addicesso	
813-804-6706 Telephone	Number			Kolle	No. 82852	
				RO.O	STATE OF	