

Tift, Rachel

From: Tift, Rachel
Sent: Tuesday, March 6, 2018 11:16 AM
To: 'Byer, Kimberly'
Cc: Financial Assurance Working Group; Morgan, Steve; Steven Tafuni (Steven.Tafuni@dep.state.fl.us); Hsu, Benjamin; Madden, Melissa; Freedenberg, Henry; 'RuizLE@HillsboroughCounty.ORG'; 'BCurtis@scsengineers.com'; 'KGuilbeault@SCSEngineers.com'
Subject: 2018 Cost Estimate Approval, Southeast County Landfill and Waste Tire Processing Facility, WACS ID No. 41193
Attachments: SCLF 62-701.900(28) Phase I-VI Signed.pdf; SCLF 62-701.900(28) Sec 7-9 Signed.pdf; L20180228 MM SCLF Annual Covenant Cert.pdf

Dear Ms. Byer:

This correspondence is to acknowledge receipt of the inflation-adjusted cost estimates, dated and received February 28, 2018, for closure and long-term care of Hillsborough Southeast County Landfill (Phases I-VI, Sections 7-9) and closure of the associated waste tire processing facility. The cost estimates received February 28, 2018, as indicated below, are **APPROVED for 2018**. The approved cost estimates are for Phases I-VI (162.4 acres), Sections 7-9 (34.5 acres), and a maximum of 16,107 tons of waste tires at the waste tire processing facility. These estimates reflect the use of on-site soils for final closure as certified by Mr. Robert Curtis, P.E. in the February 28, 2018 *Annual Declaration of Restrictive Covenant* Letter (also attached).

	<u>Closing</u>	<u>Long-Term Care</u>
Phases I-VI, WTPF:	\$21,977,387.18	\$1,138,180.84 x 30 years = \$34,145,425.10
Sections 7, 8, and 9:	\$5,391,332.83	\$192,434.91 x 30 years = \$5,773,047.29

The next update (revised estimates) is due no later than **November 7, 2018** with the Five Year Submittal, in accordance with Specific Condition A.6. of Permit No. 35435-022-SO-01 (Modification No. 35435-025-SO-MM). The next annual certification as described in Section E.2.c. of Appendix 4, Restrictive Covenant of Permit No. 35435-022-SO-01 (Modification No. 35435-025-SO-MM), is due by **July 1, 2019**. (The annual certification submittal for 2020 should resume accompanying the annual inflation adjustments, due March 1 of each year.)

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>.

Best Regards,

Rachel Tift
Engineering Specialist II
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926
Rachel.Tift@floridadep.gov
Direct line: 813.470.5755

Fax: 813.470.5996

Permitting Consistency Initiative: The Florida Department of Environmental Protection is committed to providing efficient, consistent and quality service to the citizens of Florida. In keeping with these objectives, we continue to identify ongoing improvements to our permitting process by standardizing and simplifying our documents.

From: Curtis, Bob [<mailto:BCurtis@scsengineers.com>]

Sent: Wednesday, February 28, 2018 4:56 PM

To: SWD_Waste <SWD_Waste@dep.state.fl.us>

Cc: Byer, Kimberly <ByerK@hillsboroughcounty.org>; Ruiz, Larry <RuizLE@HillsboroughCounty.ORG>; Freedenberg, Henry <Henry.Freedenberg@dep.state.fl.us>; Madden, Melissa <Melissa.Madden@dep.state.fl.us>; Guilbeault, Ken <KGuilbeault@SCSEngineers.com>; Financial Assurance Working Group <Financial.Assurance.Working.Group@dep.state.fl.us>; Spradlin, Kollan <KSpradlin@scsengineers.com>

Subject: Solid Waste Operation Permit 35435-022-SO/01 - 2018 Cost Estimate

To Whom it May Concern,

As requested by the Hillsborough County Public Works Department, Solid Waste Management Division (SWMD), attached please find the annual closure cost estimates for Phases 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.a 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 2017 submittal.

Please contact me if you have any questions or require additional information.

Regards,

Bob

Robert B. Curtis, P.E.

Project Manager

SCS Engineers

3922 Coconut Palm Drive, Suite 102

Tampa, FL 33619

Office (813) 621-0080

Direct (813) 804-6701

bcurtis@scsengineers.com

www.scsengineers.com

Ownership Makes a Difference!

From: Curtis, Bob <BCurtis@scsengineers.com>

Sent: Wednesday, February 28, 2018 4:56:19 PM

To: SWD_Waste

Cc: Byer, Kimberly; Ruiz, Larry; Freedenberg, Henry; Madden, Melissa; Guilbeault, Ken; Financial Assurance Working Group; Spradlin, Kollan

Subject: Solid Waste Operation Permit 35435-022-SO/01 - 2018 Annual Declaration of Restricted Covenant

To Whom it May Concern,

As requested by the Hillsborough County Public Works Department, Solid Waste Management Division (SWMD) and required under Appendix 4, Section E.2.C of the Operation Permit, attached please find a PDF of a letter signed by a professional engineer stating that the soils within the “Restricted Property” (on-site soil borrow area) are available and accessible.

Please contact me if you have any questions or require additional information.

Regards,

Bob

Robert B. Curtis, P.E.
Project Manager
SCS Engineers
3922 Coconut Palm Drive, Suite 102
Tampa, FL 33619
Office (813) 621-0080
Direct (813) 804-6701
bcurtis@scsengineers.com<<mailto:bcurtis@scsengineers.com>>

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Ownership Makes a Difference!



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

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

CLOSURE COST ESTIMATING FORM FOR SOLID WASTE FACILITIES

Date of DEP Approval: _____

I. GENERAL INFORMATION:

Facility Name: Hillsborough County Southeast Landfill - Phases I-VI WACS ID: SWD/29/41193
 Permit Application or Consent Order No.: 35435-022-SO/01 Expiration Date: 11/07/2023
 Facility Address: 15960 CR 672 Lithia, FL 33547 (8.8 miles east of U.S. 301 on County Road 672)
 Permittee or Owner/Operator: Hillsborough County Solid Waste Management Division
 Mailing Address: P.O Box 1110, Tampa, FL 33601

Latitude: 27° 46' 26" Longitude: 82° 11' 01"
 Coordinate Method: AutoCAD Survey Datum: NAD 83
 Collected by: SCS Company/Affiliation SCS

Solid Waste Disposal Units Included in Estimate: **Design Life from 2017 Remaining Capacity Report dated 8/31/2017

Phase / Cell	Acres	Date Unit Began Accepting Waste	Active Life of Unit From Date of Initial Receipt of Waste	If active: Remaining life of unit	If closed: Date last waste received	If closed: Official date of closing
Phases I-VI	162.4	1984	58 years	24.5 years**	N/A	N/A
Waste Tire Site	16,107 tn	N/A	N/A	N/A	N/A	N/A

Total disposal unit acreage included in this estimate: Closure: 162.4 Long-Term Care: 162.4

Facility type: Class I Class III C&D Debris Disposal
 (Check all that apply) Other: _____

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check type)

- Letter of Credit* Insurance Certificate Escrow Account
 Performance Bond* Financial Test Form 29 (FA Deferral)
 Guarantee Bond* Trust Fund Agreement

* - Indicates mechanisms that require the use of a Standby Trust Fund Agreement

Northwest District
160 Government Center
Pensacola, FL 32502-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. B200
Jacksonville, FL 32256-7590
904-807-3300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
13051 N. Telecom Pky.
Temple Terrace, FL 33637
813-632-7600

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3881
239-332-6975

Southeast District
400 N. Congress Ave., Ste. 200
West Palm Beach, FL 33401
561-681-6600

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 adjustment 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 Department approved closing cost estimate dated: 3/02/2017

Latest Department Approved Closing Cost Estimate:		Current Year Inflation Factor, e.g. 1.02			Inflation Adjusted Closing Cost Estimate:
<u>\$21,695,347.66</u>	x	<u>1.013</u>	=		<u>\$21,977,387.18</u>

This adjustment is based on the Department approved long-term care cost estimate dated: 3/02/2017

Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor, e.g. 1.02			Inflation Adjusted Annual Long-Term Care Cost Estimate:
<u>\$1,123,574.37</u>	x	<u>1.013</u>	=		<u>\$1,138,180.84</u>

Number of Years of Long Term Care Remaining: 30

Inflation Adjusted Long-Term Care Cost Estimate: \$34,145,425.10

Signature by: Owner/Operator **Engineer** (check what applies)



Signature

3922 Coconut Drive, Suite 102

Address

Robert B. Curtis, P.E., SCS Engineers, Project Manager

Name & Title

Tampa, FL 33619

City, State, Zip Code

February 28, 2018

Date

bcurtis@scsengineers.com

E-Mail Address

813-804-6701

Telephone Number





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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Permit Application or Consent Order No.: 35435-022-SO/01 Expiration Date: 11/07/2023
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Phase / Cell	Acres	Date Unit Began Accepting Waste	Active Life of Unit From Date of Initial Receipt of Waste	If active: Remaining life of unit	If closed: Date last waste received	If closed: Official date of closing
Sections 7, 8, and 9	34.5	1/5/2004	18.5 years	6.3 years**	N/A	N/A

Total disposal unit acreage included in this estimate: Closure: 34.5 Long-Term Care: 34.5

Facility type: Class I Class III C&D Debris Disposal
(Check all that apply) Other: _____

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check type)

- Letter of Credit* Insurance Certificate Escrow Account
- Performance Bond* Financial Test Form 29 (FA Deferral)
- Guarantee Bond* Trust Fund Agreement

* - Indicates mechanisms that require the use of a Standby Trust Fund Agreement

Northwest District
160 Government Center
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Orlando, FL 32803-3767
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2295 Victoria Ave., Ste. 364
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This adjustment is based on the Department approved closing cost estimate dated: 3/02/2017

Latest Department Approved Closing Cost Estimate:		Current Year Inflation Factor, <i>e.g.</i> 1.02			Inflation Adjusted Closing Cost Estimate:
<u>\$5,322,144.95</u>	x	<u>1.013</u>	=		<u>\$5,391,332.83</u>

This adjustment is based on the Department approved long-term care cost estimate dated: 3/02/2017

Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor, <i>e.g.</i> 1.02			Inflation Adjusted Annual Long-Term Care Cost Estimate:
<u>\$189,965.36</u>	x	<u>1.013</u>	=		<u>\$192,434.91</u>

Number of Years of Long Term Care Remaining: 30

Inflation Adjusted Long-Term Care Cost Estimate: \$5,773,047.29

Signature by: Owner/Operator

Engineer

(check what applies)



Signature

3922 Coconut Drive, Suite 102

Address

Robert B. Curtis, P.E., SCS Engineers, Project Manager

Name & Title

Tampa, FL 33619

City, State, Zip Code

February 28, 2018

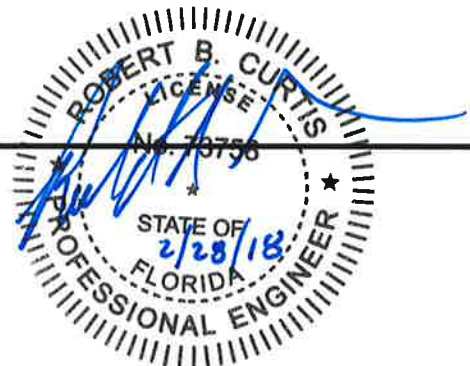
Date

bcurtis@scsengineers.com

E-Mail Address

813-804-6701

Telephone Number



SCS ENGINEERS

February 28, 2018
File No. 09215600.05

Ms. Melissa Madden
Solid Waste Section
Florida Department of Environmental Protection
13051 N. Telecom Pkwy
Tampa, FL 32637

Subject: Southeast County Landfill, Hillsborough County
Annual Declaration of Restrictive Covenant
WACS No. 41193
Permit No. 35435-022-SO-01

Dear Ms. Madden:

As required by Appendix 4, Section E.2.c. of the Southeast County Landfill (SCLF) Operation Permit dated June 6, 2016, this letter certifies that soils within the "Restricted Property" (on-site soil borrow area) are available and accessible. Based on a review of the information provided as part of the September 2015 Operation Permit Intermediate Modification Application and an on-site inspection of the borrow area, there have been no modifications to the borrow area (see attached Figure 1). It appears the soil is of suitable quality for typical closure construction and of sufficient quantity to complete the closure of Phases I-VI and the Capacity Expansion Area Section 7, 8, and 9 per the approved closure design.

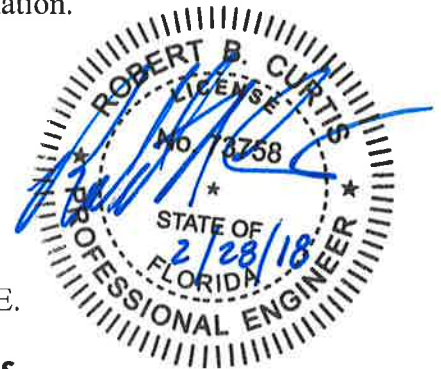
Please contact me if you have any questions or require additional information.

Sincerely,



Kollan L. Spradlin, P.E.
Project Professional
SCS ENGINEERS

Robert B. Curtis, P.E.
Project Manager
SCS ENGINEERS



KLS/RBC:cls

cc: Kimberly A. Byer, HCSWMD
Larry Ruiz, HCSWMD
Henry Freedenberg, FDEP Tallahassee



SCLF - Borrow Area for Closure



February 21, 2018



0 245 490 980 ft

Figure 1 - Borrow Area for Closure Soils

Bob Henriquez, CFA
Hillsborough County Property Appraiser
This map is for assessment purposes only.
It is not a survey.

2017 Aerials