

Wargo, Emily

From: Wargo, Emily
Sent: Monday, March 15, 2021 2:19 PM
To: 'byerk@hillsboroughcounty.org'
Cc: 'Spradlin, Kollan'; 'RuizLE@HillsboroughCounty.org'; 'BCurtis@scsengineers.com'; Arney, Trent; 'fherron@scsengineers.com'; 'Cope, Ron'; Financial Assurance Working Group; Morgan, Steve; Tafuni, Steven; Madden, Melissa; Newsome, Kaitlyn
Subject: RE: 2021 Cost Estimate Approval Letter - Hillsborough Southeast County Landfill (WACS ID: 41193)
Attachments: SCLF 2021 FA Phase I-VI and CEA.pdf; L20210218MM SCLF Annual Covenant Cert.pdf

Dear Ms. Byer:

This letter is to acknowledge receipt of inflation-adjusted cost estimates, dated and received February 18, 2021, 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 18, 2021, as indicated below, are **APPROVED for 2021**. 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 *2021 Annual Declaration of Restrictive Covenant*, dated and received February 18, 2021.

	<u>Closing</u>	<u>Long-Term Care</u>
Phases I-VI, WTPF:	\$20,991,072.95	\$1,300,581.12 x 30 years = \$39,017,433.72
Sections 7, 8, and 9:	\$5,211,757.67	\$192,959.87 x 30 years = \$5,788,796.24

The next annual update for revised or inflation-adjusted cost estimates is due no later than **March 1, 2022**. The next annual update for the Restrictive Covenant 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, 2022**.

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
Engineering Specialist II
Florida Department of Environmental Protection
Southwest District
Emily.Wargo@FloridaDEP.gov
Office: 813-470-5942

PLEASE NOTE: Florida has a very broad public records law. Electronic communications regarding state business are public records available upon request. Your e-mail communications may therefore be subject to public disclosure.



Please consider the environment before printing this email.

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

Sent: Thursday, February 18, 2021 12:47 PM

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

Cc: SWD_Waste <SWD_Waste@dep.state.fl.us>; 'Ruiz, Larry' <RuizLE@HillsboroughCounty.ORG>; 'Byer, Kimberly' <ByerK@hillsboroughcounty.org>; Curtis, Bob <BCurtis@scsengineers.com>; Arney, Trent <TArney@scsengineers.com>; Newsome, Kaitlyn <Kaitlyn.Newsome@FloridaDEP.gov>; Financial Assurance Working Group <Financial.Assurance.Working.Group@dep.state.fl.us>; Madden, Melissa <Melissa.Madden@FloridaDEP.gov>; 'Cope, Ron' <Cope@epchc.org>; Wargo, Emily <Emily.Wargo@FloridaDEP.gov>; Herron, Fauve <FHerron@scsengineers.com>

Subject: SCLF - 2021 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 financial assurance 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, the most recent closure estimates from the November 7, 2018 five-year submittal, and the most recent inflation factor update, approved on February 19, 2020 (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)
813-955-4906 (C)
KSpradlin@scsengineers.com

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www.scsengineers.com

Please note that I will be primarily working remotely through 2021. The best way to reach me is my cell phone.



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 Engineers Company/Affiliation: SCS Engineers

Solid Waste Disposal Units Included in Estimate: ** Design Life from 2020 Remaining Capacity Report dated 8/28/2020

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	44.7	8.7**	N/A	N/A
Waste Tire Site	1,560 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:		02/05/2020
Latest Department Approved Closing Cost Estimate:	Current Year Inflation Factor, e.g. 1.02	Inflation Adjusted Closing Cost Estimate:
\$20,640,189.72	x	\$20,991,072.95
	1.017	
	=	

This adjustment is based on the Department approved long-term care cost estimate dated:		02/05/2020
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:
\$1,278,840.83	x	\$1,300,581.12
	1.017	
	=	
Number of Years of Long Term Care Remaining:		30
	x	
Inflation Adjusted Long-Term Care Cost Estimate:		\$39,017,433.72
	=	

Signature by: Owner/Operator

Engineer

(check what applies)

Kollan Lee Spradlin
Signature

3922 Coconut Palm Drive, Suite 102
Address

Kollan Spradlin, P.E. SCS Engineers, Sr. Project Professional
Name & Title

Tampa, FL 33619
City, State, Zip Code

February 18, 2021
Date

kspradlin@scsengineers.com
E-Mail Address

813-804-6706
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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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	01/05/2004	26.1	10.1**	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
Pensacola, FL 32502-5794
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This adjustment is based on the Department approved closing cost estimate dated: 02/05/2020

Latest Department Approved Closing Cost Estimate:		Current Year Inflation Factor, e.g. 1.02			Inflation Adjusted Closing Cost Estimate:
\$5,124,638.81	x	1.017	=		\$5,211,757.67

This adjustment is based on the Department approved long-term care cost estimate dated: 02/05/2020

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:
\$189,734.39	x	1.017	=		\$192,959.87

Number of Years of Long Term Care Remaining:			
	x	30	

Inflation Adjusted Long-Term Care Cost Estimate:			
	=	\$5,788,796.24	

Signature by: Owner/Operator

Engineer (check what applies)

Kollan Spradlin

3922 Coconut Palm Drive, Suite 102

Signature

Address

Kollan Spradlin, P.E. SCS Engineers, Sr. Project Professional

Tampa, FL 33619

Name & Title

City, State, Zip Code

February 18, 2021

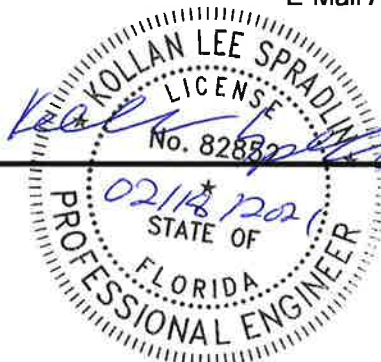
kspradlin@scsengineers.com

Date

E-Mail Address

813-804-6706

Telephone Number



February 18, 2021
File No. 09215600.11

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:

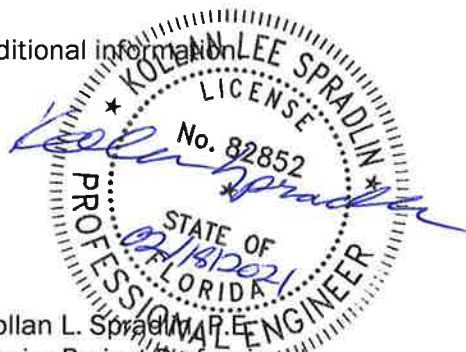
As required by Appendix 4, Section E.2.c. of the Southeast County Landfill (SCLF) Operation Permit dated September 9, 2020, this letter certifies that soils within the "Restricted Property" (on-site soil borrow area) are available and accessible. Based on a review of the information provided as part 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 us if you have any questions or require additional information.

Sincerely,



Trent Arney, E.I.T.
Associate Professional
SCS Engineers



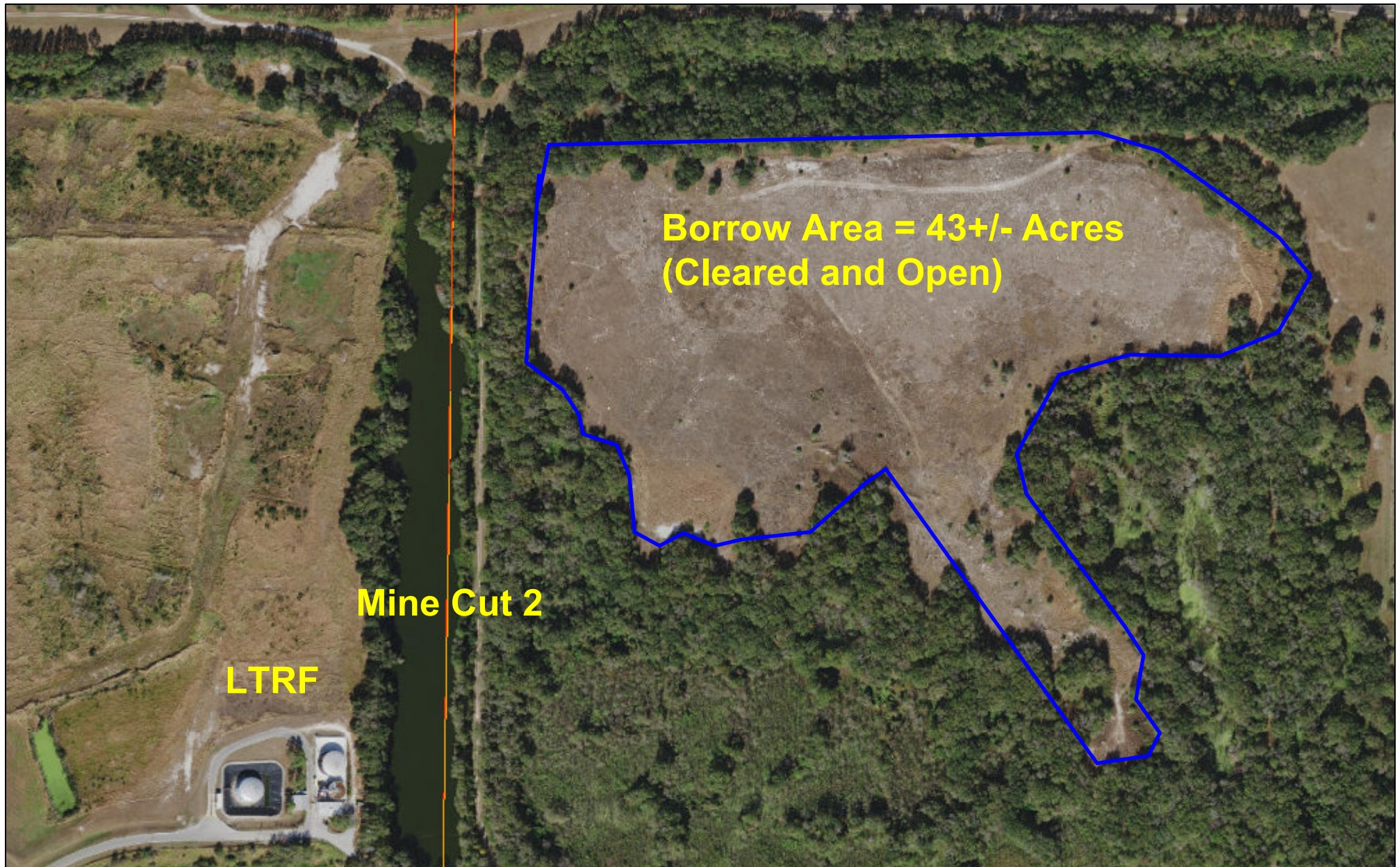
Kollan L. Spradlin, E.I.T.
Senior Project Professional
SCS Engineers

TMA/KLS:tma

cc: Kimberly A. Byer, HCSWMD
Larry Ruiz, HCSWMD
Phillip Ciaravella, FDEP Tallahassee

Attachment

SCLF - Borrow Area for Closure



February 21, 2018

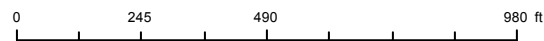


Figure 1 - Borrow Area for Closure Soils

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

2017 Aerials