

## Ramirez, Javier

---

**From:** Ramirez, Javier  
**Sent:** Tuesday, August 09, 2016 8:27 AM  
**To:** Ramirez, Javier  
**Subject:** RE: Hillsborough County Southeast Landfill - WACS 41193

---

**From:** Bejnar, Tor  
**Sent:** Monday, March 21, 2016 3:39 PM  
**To:** Morgan, Steve <[Steve.Morgan@dep.state.fl.us](mailto:Steve.Morgan@dep.state.fl.us)>; Madden, Melissa <[Melissa.Madden@dep.state.fl.us](mailto:Melissa.Madden@dep.state.fl.us)>; SWD\_Waste (Shared Mailbox) <[SWD\\_Waste@dep.state.fl.us](mailto:SWD_Waste@dep.state.fl.us)>  
**Cc:** SWD\_Waste (Shared Mailbox) <[SWD\\_Waste@dep.state.fl.us](mailto:SWD_Waste@dep.state.fl.us)>  
**Subject:** Hillsborough County Southeast Landfill - WACS 41193

We received the attached pair of inflation-factor adjusted cost estimates. I just noticed they do not appear to have been sent to you.

Please contact me if you have any questions.

Tor Bejnar

Financial Assurance Subsection, Permitting and Compliance Assistance Program  
Division of Waste Management, Department of Environmental Protection  
2600 Blair Stone Road MS 4548, Tallahassee, Florida 32399-2400

*direct line: (850) 245-8743      usual hours: 7:00am-3:30pm*

*Send financial assurance instruments to:*

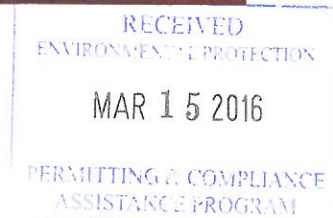
*Solid Waste Financial Coordinator, Florida Dept. of Environmental Protection, 2600 Blair Stone Road **MS 4548**, Tallahassee, FL 32399-2400*

[www.dep.state.fl.us/waste/categories/swfr](http://www.dep.state.fl.us/waste/categories/swfr) (updated 12/15)

Please note: Florida has a very broad public records law. Most written communications to or from state officials are public records and may be made available to the public or media upon request. This e-mail communication, your reply, and future e-mails to my attention may therefore be subject to public disclosure.

## SCS ENGINEERS

February 25, 2016  
File No. 09215600.01



Florida Department of Environmental Protection  
Financial Coordinator – Solid Waste Section  
2600 Blair Stone Road, MB 4565  
Tallahassee, FL 32399-2400

Subject: Financial Assurance Closure Cost Estimates  
Phases I-VI and Sections 7, 8, and 9  
Hillsborough County Southeast County Landfill Permit No. 35435-022-SO/01

To Whom It May Concern:

On behalf of Hillsborough County Public Works Department, Solid Waste Management Division (SWMD), SCS Engineers (SCS) hereby submits the Financial Assurance Closure Cost Estimates for the Southeast County Landfill, Phases I-VI and Sections 7, 8, and 9 (two separate estimates). The subject cost estimates have been signed and sealed by a Professional Engineer registered in the state of Florida.

Please call us if you require any clarifications or additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bruce J. Clark".

Bruce J. Clark, P.E.  
Project Director  
**SCS ENGINEERS**

rbc/bjc

cc Kimberly Byer, PWD/SWMD  
Larry Ruiz, PWD/SWMD

Attachments





# 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 Group

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 2015 Remaining Capacity Report dated 8/28/2015

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 **	28.2 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.

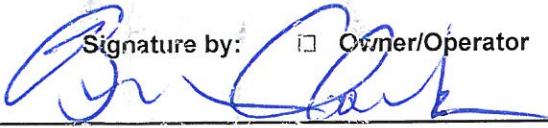
☒ (a) Inflation Factor Adjustment

☐ (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 Deflator 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](http://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:		3/06/2015
Latest Department Approved Closing Cost Estimate:	Current Year Inflation Factor, e.g. 1.02	Inflation Adjusted Closing Cost Estimate:
\$24,166,372.75	x 1.014	= \$24,504,701.97

This adjustment is based on the Department approved long-term care cost estimate dated:		3/06/2015
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:
\$1,101,463.60	x 1.014	= \$1,116,884.09
Number of Years of Long Term Care Remaining:	x 30	
Inflation Adjusted Long-Term Care Cost Estimate:	=	\$33,506,522.71

Signature by: <input type="checkbox"/> Owner/Operator	<input checked="" type="checkbox"/> Engineer (check what applies)
 Signature	4041 Park Oaks Drive, Suite 100 Address
Bruce J. Clark, P.E. SCS Engineers, Project Director Name & Title	Tampa, FL 33610 City, State, Zip Code
February 26, 2016 Date	bclark@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.

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 - CEA 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 Group  
 Mailing Address: P.O. Box 1110, Tampa, FL 33601

Latitude: 27 ° 46 ' 38 " Longitude: 82 ° 10 ' 38 "  
 Coordinate Method: AutoCAD Survey Datum: NAD 83  
 Collected by: SCS Company/Affiliation: SCS

Solid Waste Disposal Units Included in Estimate: **\*\*Design Life from 2015 Remaining Capacity Report dated 8/28/2015**

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 **	7.0 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  
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 Deflator 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](http://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:		3/06/2015
Latest Department Approved Closing Cost Estimate:	Current Year Inflation Factor, e.g. 1.02	Inflation Adjusted Closing Cost Estimate:
\$5,923,300.57	x 1.014	= \$6,006,226.78

---

---

This adjustment is based on the Department approved long-term care cost estimate dated:		3/06/2015
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:
\$217,848.57	x 1.014	= \$220,898.45
Number of Years of Long Term Care Remaining:	x 30	
Inflation Adjusted Long-Term Care Cost Estimate:	=	\$6,626,953.50

---

Signature by: ☐ Owner/Operator  
  
Signature

Bruce J. Clark, P.E. SCS Engineers, Project Director  
Name & Title

February 26, 2016  
Date

813-804-6701  
Telephone Number

☒ Engineer (check what applies)  
4041 Park Oaks Drive, Suite 100  
Address

Tampa, FL 33610  
City, State, Zip Code

bclark@scsengineers.com  
E-Mail Address