



# FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Noah Valenstein**  
Secretary

October 8, 2020

Transmitted via E-Mail only to: [rmontgomery@volusia.org](mailto:rmontgomery@volusia.org)

Regina Montgomery, Director  
Volusia County Solid Waste Division  
1990 Tomoka Farms Road  
Port Orange, FL 32128

RE: Tomoka Farms Road Landfill Detailed Closure Cost Estimate Approval  
Permit Nos. 0078767-030-SO-01 & 0078767-042-SO-T3, Volusia County  
WACS No: 27540

Dear Ms. Montgomery,

This letter is to acknowledge receipt of the subject facility's updated detailed closure cost estimates dated and received July 13, 2020. This cost estimate was prepared by HDR Engineering, Inc., for Tomoka Farms Road Landfill. This cost estimate provides cost estimates inflation adjusted using 1.017 as the inflation factor for closure and long-term care. The inflation adjusted estimates were submitted to comply with Rule 62-701.630(4)(b), Florida Administrative Code, (F.A.C.). The following cost estimates received on July 13, 2020 are **APPROVED for 2020:**

Class I, North Cell - 90.68 acres

Closing – \$12,191,093.18

Annual Long-term care – \$208,080.77

Total Long-term care – \$6,242,423.19 for 30 years

Class I, South Cell - 114 acres

Annual Long-term care – \$118,532.88

Total Long-term care – \$3,555,986.27 for 30 years

Class III - 88.06 acres

Closing – \$9,301,327.49

Annual Long-term care – \$62,284.98

Total Long-term care – \$1,868,549.25 for 30 years

The next annual cost estimate update is due between July 1 and September 1, 2021.

A copy of these estimates will be forwarded to the Financial Coordinator, FDEP, 2600 Blair Stone Road, MS 4565, Tallahassee, Florida 32399-2400. Please work with Susan Eldredge at (850) 245-8740 or [susan.f.eldredge@dep.state.fl.us](mailto:susan.f.eldredge@dep.state.fl.us) directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, F.A.C. If you have any questions, you may contact me at (850) 245-8744.

Most information received or sent by the Department is public record and is placed in OCULUS, an electronic database. You can view this and other documents for this facility at the following link:

[http://appprod.dep.state.fl.us/WWW\\_WACS/Reports/SW\\_Facility\\_Docs.asp?wacsid=27540](http://appprod.dep.state.fl.us/WWW_WACS/Reports/SW_Facility_Docs.asp?wacsid=27540)

Sincerely,



El Kromhout, P.G.  
Solid Waste Section  
Permitting and Compliance Assistance Program

Enclosure: Inflation Adjusted Cost Estimate Forms for the North Cell, South Cell and Class III

cc:

Jennifer Stirk, Volusia County, [jstirk@volusia.org](mailto:jstirk@volusia.org)

Kendra Hivelt, Volusia County, [khively@volusia.org](mailto:khively@volusia.org)

Mark Roberts, P.E., HDR Engineering, Inc., [Mark.Roberts@hdrinc.com](mailto:Mark.Roberts@hdrinc.com)

Kanishka Perera, P.E., HDR Engineering, Inc., [Kanishka.Perera@hdrinc.com](mailto:Kanishka.Perera@hdrinc.com)

Central District, [DEP\\_CD@FloridaDEP.gov](mailto:DEP_CD@FloridaDEP.gov)

El Kromhout, P.G., DEP PCAP Solid Waste, [Elizabeth.Kromhout@FloridaDEP.gov](mailto:Elizabeth.Kromhout@FloridaDEP.gov)

[Financial.Assurance.Working.Group@FloridaDEP.gov](mailto:Financial.Assurance.Working.Group@FloridaDEP.gov)



# 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: Tomoka Farms Road Landfill-North Cell, Class I WACS ID: 27540  
Permit Application or Consent Order No.: 0078767-030-SO-01 Expiration Date: 05/13/2033  
Facility Address: 1990 Tomoka Farms Road, Port Orange, Florida 32128  
Permittee or Owner/Operator: Volusia County Solid Waste Division  
Mailing Address: 1990 Tomoka Farms Road, Port Orange, Florida 32128

Latitude: 29° 07' 50" Longitude: 81° 06' 02"  
Coordinate Method: AutoCAD/GPS Datum: NAD 1983/90 (east)  
Collected by: J.E. Zapert Company/Affiliation: Sliger & Associates, Inc.

### Solid Waste Disposal Units Included in Estimate:

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
North Cell - Including Area 4	90.68	June 1999	21 years	9 years	NA	NA

Total disposal unit acreage included in this estimate: Closure: 90.68 Long-Term Care: 90.68

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

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Southwest District  
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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](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: 7/20/2018

Latest Department Approved Closing Cost Estimate:		Current Year Inflation Factor, e.g. 1.02		Inflation Adjusted Closing Cost Estimate:
<u>\$11,987,308.93</u>	x	<u>1.017</u>	=	<u>\$12,191,093.18</u>

This adjustment is based on the Department approved long-term care cost estimate dated: 7/20/2018

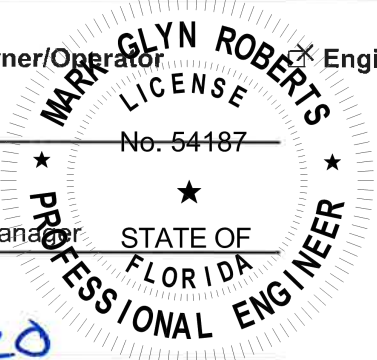
Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor, e.g. 1.02		Inflation Adjusted Annual Long-Term Care Cost Estimate:
<u>\$204,602.53</u>	x	<u>1.017</u>	=	<u>\$208,080.77</u>

Number of Years of Long Term Care Remaining: 30

**Inflation Adjusted Long-Term Care Cost Estimate:** \$6,242,423.19

Signature by:  Owner/Operator  **MARK G. ROBERTS** Engineer (check what applies)

*[Signature]*  
Signature



Mark G. Roberts, Project Manager  
Name & Title

07/13/2020  
Date

76 S. Laura Street, Ste 1600  
Address

Jacksonville, FL 32202  
City, State, Zip Code

Mark.Roberts@hdrinc.com  
E-Mail Address

(904)-598-8900  
Telephone Number



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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: 11/16/2018

### I. GENERAL INFORMATION:

Facility Name: Tomoka Farms Road Landfill- Class III Landfill WACS ID: 27540  
Permit Application or Consent Order No.: 0078767-034-SO-T3 Expiration Date: 9/24/2024  
Facility Address: 1990 Tomoka Farms Road, Port Orange, Florida 32128  
Permittee or Owner/Operator: Volusia County Solid Waste Division  
Mailing Address: 1990 Tomoka Farms Road, Port Orange, Florida 32128

Latitude: 29° 07' 53" Longitude: 81° 05' 31"  
Coordinate Method: AutoCAD/GPS Datum: NAD 1983/90 (east)  
Collected by: J.E. Zapert Company/Affiliation: Sliger & Associates, Inc.

### Solid Waste Disposal Units Included in Estimate:

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
Class III LF	88.06	June 1998	22 years	14 years	NA	NA

Total disposal unit acreage included in this estimate: Closure: 88.06 Long-Term Care: 88.06

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  
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This adjustment is based on the Department approved closing cost estimate dated: 11/16/2018

Latest Department Approved Closing Cost Estimate:	Current Year Inflation Factor, e.g. 1.02	Inflation Adjusted Closing Cost Estimate:
<u>\$9,145,848.07</u>	× <u>1.017</u>	= <u>\$9,301,327.49</u>

This adjustment is based on the Department approved long-term care cost estimate dated: 11/16/2018

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>\$61,243.83</u>	× <u>1.017</u>	= <u>\$62,284.98</u>

Number of Years of Long Term Care Remaining: × 30

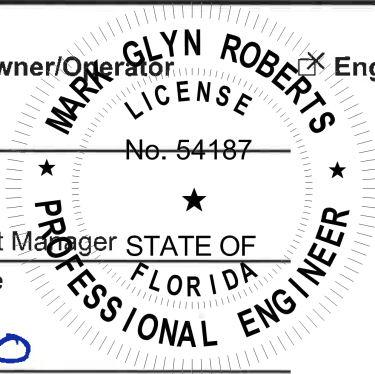
**Inflation Adjusted Long-Term Care Cost Estimate:** = \$1,868,549.25

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

*[Handwritten Signature]*

Signature

Mark Roberts, Project Manager  
Name & Title



07/13/2020  
Date

76 S. Laura Street, Ste 1600  
Address

Jacksonville, FL, 32202  
City, State, Zip Code

Mark.Roberts@hdrinc.com  
E-Mail Address

(904) 598 8900  
Telephone Number



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### Solid Waste Disposal Units Included in Estimate:

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
South Cell	114	June 1978	Approx. 23 years	NA	2001	2001

Total disposal unit acreage included in this estimate: Closure: NA Long-Term Care: 114

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
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This adjustment is based on the Department approved closing cost estimate dated: \_\_\_\_\_

Latest Department Approved Closing Cost Estimate:	x	Current Year Inflation Factor, e.g. 1.02	=	Inflation Adjusted Closing Cost Estimate:
_____		_____		_____

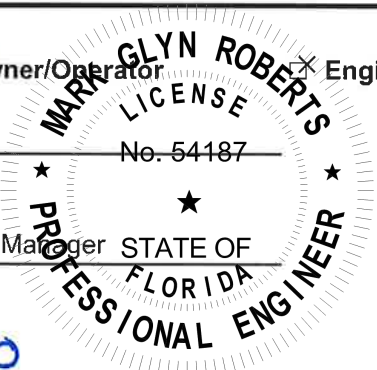
This adjustment is based on the Department approved long-term care cost estimate dated: 9/10/2019

Latest Department Approved Annual Long-Term Care Cost Estimate:	x	Current Year Inflation Factor, e.g. 1.02	=	Inflation Adjusted Annual Long-Term Care Cost Estimate:
\$116,551.50		1.017		\$118,532.88
Number of Years of Long Term Care Remaining:			x	30
<b>Inflation Adjusted Long-Term Care Cost Estimate:</b>			=	<b>\$3,555,986.27</b>

Signature by:  Owner/Operator  **MARK GLYN ROBERTS** Engineer

(check what applies)

Me  
Signature



Mark Roberts, Project Manager  
Name & Title

76 S. Laura Street, Ste 1600  
Address

07/13/2020  
Date

Jacksonville, FL 32202  
City, State, Zip Code

Mark.Roberts@hdrinc.com  
E-Mail Address

(904) 598-8900  
Telephone Number