



# Florida Department of

## Memorandum

## Environmental Protection

**TO:** Solid Waste Financial Coordinator, FDEP,  
([Solid.Waste.Financial.Coordinator@dep.state.fl.us](mailto:Solid.Waste.Financial.Coordinator@dep.state.fl.us))

**THROUGH:** Richard S. Rachal III, P.G.   
Program Administrator  
Waste & Air Resource Management

**FROM:** Michael Bogin, Engineering Specialist IV  
NED Solid Waste Section 

**DATE:** December 20, 2013

**SUBJECT:** Trail Ridge Landfill  
Facility WACS I.D. Number: 33628  
DEP Permit Number: 013493-017-SO  
2013 Financial Assurance Cost Estimates  
Duval County - Solid Waste Permitting

The Northeast District has completed review of the above-referenced facility's cost estimates (copy enclosed for your files) dated December 19 and received December 20, 2013. The estimates were received in accordance with the requirements of Florida Administrative Code Chapter 62-701.630. The Closure and Long-Term Care Cost Estimates for 2013 were prepared using the current inflation-factor of 1.017. **The following cost estimates have been approved for the Landfill for 2013:**

Closure Construction Cost - \$22,026,644.67  
Annual Long-Term Care Cost - \$1,192,334.87  
Total Long-Term Care Cost - \$35,770,046.10 (30 years)

The closure construction costs listed above are for 97.7 acres, and the long-term care costs are for 144 acres. The Landfill is permitted to perform "close-as-you-go," whereas 46.3 acres of the permitted 144 acres have been Certified Closed.

**Also note**, this memo is not authorization for the Permittee to decrease the amount of the financial instrument. As you are aware, such authorizations may only come from your office.

The following is for your information:

Applicant name: Trail Ridge Landfill, Inc.  
Contact person: Tim Hawkins  
Title: Area Vice President  
Phone number: 904.289.9100

Enclosure

cc: Tim Hawkins, Trail Ridge Landfill, Inc., [thawkins@wm.com](mailto:thawkins@wm.com)  
Greg Mathes, Trail Ridge Landfill, Inc., [gmathes@wm.com](mailto:gmathes@wm.com)  
Juanitta Bader Clem, P.E., England-Thims & Miller, Inc., [clemj@etminc.com](mailto:clemj@etminc.com)  
Jeff Foster P.G., P.E., City of Jacksonville, [jsfoster@coj.net](mailto:jsfoster@coj.net)  
Brian Durden, FDEP, [brian.durden@dep.state.fl.us](mailto:brian.durden@dep.state.fl.us)



# Florida Department of Environmental Protection

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

[Print Form](#)[Reset Form](#)

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: Trail Ridge Landfill WACS ID: NED / 16 / 00033628  
Permit Application or Consent Order No.: 0013493-017 Expiration Date: \_\_\_\_\_  
Facility Address: 5110 U.S. Highway 301, Baldwin, Florida 32234  
Permittee or Owner/Operator: Trail Ridge Landfill, LLC  
Mailing Address: Same as facility address

Latitude: 30° 13' 27" N Longitude: 82° 02' 40" W  
Coordinate Method: \_\_\_\_\_ Datum: N.G.V.D. 1929  
Collected by: Robert. M. Angas Associates, Inc Company/Affiliation: Subconsultant

### 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
Phases I - V	144	5-18-92	21 +/-	5 Years +/-		
Note:						
Closure Phases 1, 2 and 3 for a total of 46.3 acres have been closed and certified.						

Total disposal unit acreage included in this estimate: Closure: 97.7 Long-Term Care: 144

Facility type: ☒ Class I ☐ Class III ☐ C&D Debris Disposal  
(Check all that apply) ☐ Other: \_\_\_\_\_

### II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check type)

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Letter of Credit* | <input type="checkbox"/> Insurance Certificate | <input checked="" type="checkbox"/> Escrow Account |
| <input type="checkbox"/> Performance Bond* | <input type="checkbox"/> Financial Test        | <input type="checkbox"/> Form 29 (FA Deferral)     |
| <input type="checkbox"/> Guarantee Bond*   | <input type="checkbox"/> Trust Fund Agreement  |  |

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

Northwest District  
160 Government Center  
Pensacola, FL 32502-5794  
850-595-8380

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 Pkwy.  
Tempe Terrace, FL 33637  
813-632-7600

South District  
2285 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  
561-681-6800

### 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:

Latest Department Approved Closing Cost Estimate:	Current Year Inflation Factor, e.g. 1.02		Inflation Adjusted-Closing Cost Estimate:
\$21,658,451.00	×	<u>1.017</u>	= \$22,026,644.67

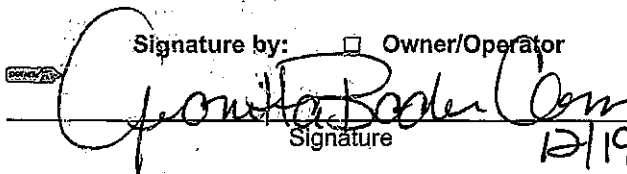
This adjustment is based on the Department approved long-term care cost estimate dated:

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>\$1,172,404.00</u>	×	<u>1.017</u>	= <u>\$1,192,334.87</u>
Number of Years of Long Term Care Remaining:		×	<u>30</u>
Inflation Adjusted Long-Term Care Cost Estimate:		=	\$35,770,046.10

Signature by: ☐ Owner/Operator

☒ Engineer

(check what applies)

  
Signature

12/19/2013

14775 Old St. Augustine Road

Address

Juanitta Bader Clem, P.E., Vice President

Name & Title

Jacksonville, Florida 32258

City, State, Zip Code

December 19, 2013

Date

clemj@etmnc.com

E-Mail Address

(904) 265-3181

Telephone Number


[DEP Home](#)
[About DEP](#)
[Programs](#)
[Contact](#)
[Site Map](#)
[Search](#)

## Programs

- » [Waste Home](#)
- » [Permitting and Compliance Assistance](#)
- » [Petroleum Restoration](#)
- » [Waste Cleanup](#)

## Information

- » [Division & Program Contacts](#)
- » [Data Reports](#)
- » [DEP Public Notices](#)
- » [Division Public Notices](#)
- » [Forms](#)
- » [News](#)
- » [Publications and Reports](#)
- » [Rules](#)

## Navigation

- » [Agency Site Map](#)
- » [Division Site Map](#)

## Solid Waste Financial Assurance



To minimize the threat to public health and the environment, Solid Waste Financial Assurance requirements were adopted in 1984 to secure the proper closing of solid waste management facilities operating in the state of Florida. When demonstrating proof of financial assurance, owners or operators can choose from a list of approved financial mechanisms that best meet their individual needs. The dollar amount of financial assurance required is directly tied to the current department

approved closure cost estimate. Our primary responsibility is full compliance with all solid waste financial assurance requirements. This is accomplished by providing any assistance necessary to facility owners and operators as well as provider companies attempting to meet rule requirements.

For specific information, please choose from the links on the right under "Highlights".

### \*Current Year Inflation Factors:

<b>1.017</b>	for estimates due between January 1 and March 1, 2014
<b>1.017</b>	for estimates due between July 1 and September 1, 2013

### Contact Information

[Tor.Bejnar@dep.state.fl.us](mailto:Tor.Bejnar@dep.state.fl.us) (850) 245-8743 (South, Southeast and Southwest DEP District facilities)

[Susan.F.Eldredge@dep.state.fl.us](mailto:Susan.F.Eldredge@dep.state.fl.us) (850) 245-8740 (Northeast, Northwest and Central DEP District facilities and Used Oil facilities)

Office Fax (850) 245-8811 - Please phone when faxing as the fax machine is not monitored.

For information requests or document submittal, please contact:

Solid Waste Financial Coordinator  
Department of Environmental Protection  
2600 Blair Stone Road MS 4565  
Tallahassee, Florida 32399-2400

## Highlights

- » [SWFA Main Page](#)
- » [Cost Estimates](#)
- » [Facility Lists:](#)
  - » [Solid Waste Management Facilities](#)
  - » [Used Oil Processing Facilities](#)
- » [Forms](#)
- » [Provider Companies](#)
- » [Rules & Related Laws](#)
- » [Workshop](#)

Last updated: November 04, 2013

### Permitting and Compliance Assistance Program #850-245-8707 MS #4550

Division of Waste Management #850-245-8705 MS #4500  
2600 Blair Stone Road, Tallahassee, Florida 32399-2400

[Questions & Comments Form](#)

[DEP Home](#) | [About DEP](#) | [Contact Us](#) | [Search](#) | [Site Map](#)