



FLORIDA DEPARTMENT OF Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

October 16, 2018

Transmitted via email to: THawkins@wm.com

Mr. Tim Hawkins, President
Trail Ridge Landfill, Inc.
5110 U.S. Highway 301
Baldwin, Florida 32234

RE: Trail Ridge Class I Landfill
Facility WACS I.D. Number: 33628
DEP Permit Number: 13493-025-SO
2018 Financial Assurance Cost Estimate Approval
Duval County - Solid Waste Permitting

Dear Mr. Hawkins:

This letter is to acknowledge receipt of the subject facility's updated closure and long-term care cost estimates. These cost estimates were submitted on October 15, 2018. The updated cost estimates were submitted to comply with Rule 62-701.630(4)(a), Florida Administrative Code.

The following cost estimates are approved for 2018:

Closing Cost Estimate -	\$18,654,848.54
Annual Long-Term Care Cost Estimate -	\$782,824.65
Total Long-Term Care Cost Estimate -	\$23,484,739.50 (for 30 year)

The next annual cost estimate update is due between July 1 and September 1, 2019.

The closure construction costs listed above are for 73.9 acres, which includes 43.4 acres in the existing Phases 1-5 and 30.5 acres for the new Phase 6, and the long-term care costs are for 174.5 acres. The Landfill is permitted to perform "close-as-you-go," whereas 100.6 acres of the permitted 174.5 acres have been Certified Closed.

A copy of this estimate 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 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 or comments about this matter, please contact Michael Bogin by mail at the letterhead address, by email at Michael.Bogin@dep.state.fl.us, or by telephone at 904.256.1579.

Sincerely,



Michael Bogin
Permitting Engineer



Enclosure

cc: Michael Bogin, DEP, Michael.Bogin@dep.state.fl.us
Solid Waste Financial Coordinator, DEP, Solid.Waste.Financial.Coordinator@dep.state.fl.us
Eric Parker, Trail Ridge Landfill, Inc., Eparker1@wm.com
Eric B. Fuller, City of Jacksonville, EFuller@coj.net
Jeffrey S. Foster, P.G., City of Jacksonville, JSFoster@coj.net
Lisa M. Sterling, P.E., CDM Smith, sterlinglm@cdmsmith.com



8381 Dix Ellis Drive, Suite 400
Jacksonville, Florida 32256
tel: 904-731-7109

September 28, 2018

Mr. Jeffrey Schroer
Florida Department of Environmental Protection
Northeast District
Waste & Air Resource Management
8800 Baymeadows Way West, Suite 100
Jacksonville, FL 32256

Subject: Trail Ridge Landfill Financial Assurances 2018
WACS ID# 33628

Dear Mr. Schroer:

Please find enclosed the updated Financial Assurances form 62-701.900(28), F.A.C. for Trail Ridge Class I Landfill at 5110 U.S. Highway 301 in Baldwin Florida for 2018.

This update represents inflation adjusted closing cost estimate and annual long-term care cost estimate submitted to the Northeast District for review.

The table below outlines the inflation adjusted costs included in the 2018 Financial Assurance calculations. This adjustment was based on current year inflation factors for estimates due between July 1 and September 1, 2018 and prices for closure and long-term care submitted under the previous financial assurances cost estimate dated August 25, 2017.

	Latest Department Approved Cost Estimate	Current Year Inflation Factor	Years of Long Term Care Remaining	Inflation Adjusted Cost Estimate
Closing Cost	\$18,324,998.57	1.018		\$18,654,848.54
Annual Long-Term Care	\$768,982.96	1.018	30	\$23,484,739.50

Please contact me directly at 904-527-6726 or Sterlinglm@cdmsmith.com if you require any additional information.

Sincerely,

Lisa M. Sterling, P.E.
Principal
CDM Smith Inc.





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: Trail Ridge Class I Landfill WACS ID: 33628
 Permit Application or Consent Order No.: _____ Expiration Date: _____
 Facility Address: 5110 U.S. Highway 301, Baldwin, Florida 32234
 Permittee or Owner/Operator: Trail Ridge Landfill, Inc.
 Mailing Address: Same as Facility Address

Latitude: 30 ° 13' 27N " Longitude: 82 ° 02' 40W "
 Coordinate Method: _____ Datum: NGVD 1929
 Collected by: Robert M. Angas Associates 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
Phase 1-5	144	5/18/1992	20 years +/-	2.5 years +/-		
Phase 6	30.5	NA	5 years +/-	NA		

Total disposal unit acreage included in this estimate: Closure: 43.4 Long-Term Care: 174.5

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 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:		8/25/2017
Latest Department Approved Closing Cost Estimate:	Current Year Inflation Factor, e.g. 1.02	Inflation Adjusted Closing Cost Estimate:
<u>\$18,324,998.57</u>	× <u>1.018</u>	= <u>\$18,654,848.54</u>

This adjustment is based on the Department approved long-term care cost estimate dated:		8/25/2017
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>\$768,982.96</u>	× <u>1.018</u>	= <u>\$782,824.65</u>
Number of Years of Long Term Care Remaining:	×	<u>30</u>
Inflation Adjusted Long-Term Care Cost Estimate:	=	<u>\$23,484,739.50</u>

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

Signature

Address

Lisa M. Sterling, P.E.

Name & Title

Jacksonville, FL 32256

City, State, Zip Code

Date

sterlinglm@cdmsmith.com

E-Mail Address

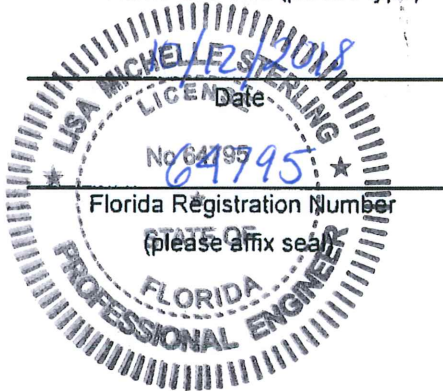
Telephone Number

VI. CERTIFICATION BY ENGINEER

This is to certify that the Cost Estimates pertaining to the engineering features of this solid waste management facility have been examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and/or long-term care of the facility and comply with the requirements of Rule 62-701.630 F.A.C. and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Rule 62-701.630(4), F.A.C.

Lisa M Sterling
Signature

Lisa M. Sterling, PE
Name and Title (please type)



1/23/2018
Date

64995
Florida Registration Number
(please affix seal)

8381 Dix Ellis Trail, Suite 400

Mailing Address

Jacksonville, FL 32256

City, State, Zip Code

SterlingLm@cdmsmith.com

E-Mail address (if available)

904-527-6726

Telephone Number

VII. SIGNATURE BY OWNER/OPERATOR

[Signature]
Signature of Applicant

Tim Hawkins, President
Name and Title (please type)

thawkins@wm.com
E-Mail address (if available)

2700 Wilks Road
Mailing Address

Panama Beach, FL 32073
City, State, Zip Code

954 984 2035
Telephone Number