

August 21, 2015

Mr. Michael Bogin, P.E.  
Solid Waste Section  
Florida Department of Environmental Protection  
8800 Baymeadows Way, Suite 100  
Jacksonville, FL 32256-7590

**RE: Trail Ridge Landfill**  
**WACS I.D. Number: NED/16/00033628**  
**FDEP Permit Number 0013493-025-SO**


Dear Mr. Bogin:

On behalf of Trail Ridge Landfill, Inc. and in accordance with Specific Condition 14.b. of the referenced permit, please find herewith the annual survey and site life evaluation for Trail Ridge Landfill, for August 7, 2014 through June 14, 2015.

We hope that this information will be helpful to you. If you have any questions or require additional information, please feel free to give me a call.

Sincerely,

ENGLAND, THIMS & MILLER, INC.



Juanitta Bader Clem, P.E.  
Vice President

Attachments

cc: Greg Mathes, TRLF, Inc.  
Jeff Foster, City of Jacksonville  
Brian Dolihite

**TRAIL RIDGE LANDFILL**  
**SITE LIFE CALCULATIONS**  
**CONSTRUCTED AREA**  
**June 2015**

**Remaining Airspace:**

Remaining Airspace as of June 14, 2015 is 2,982,355 cubic yards\*.

Average Waste Density = 0.84 tons/CY\*

**Annual Tonnage Calculations**

Annual Tonnage based on waste received from 2010 to 2014:

$$\frac{707,236 (2010) + 702,662 (2011) + 696,563 (2012) + 707,013 (2013) + 724,086 (2014)}{5 \text{ years}}$$

$$= 707,512 \text{ tons/year (5 year average)}$$

**Remaining Site Life:**

$$\begin{aligned} \text{Remaining Site Life} &= \frac{\text{Remaining Airspace} \times \text{Average Waste Density}}{\text{Annual Tonnage}} \\ &= \frac{2,982,355 \text{ CY} \times 0.84 \text{ tons/CY}}{707,512 \text{ tons per year}} = 3.5 \text{ years} \end{aligned}$$

*Note: Site Life Calculations are based a five-year average tonnage receipt and cumulative density measured to date; Future changes in the actual waste receipts and average waste density will affect Remaining Site Life.*

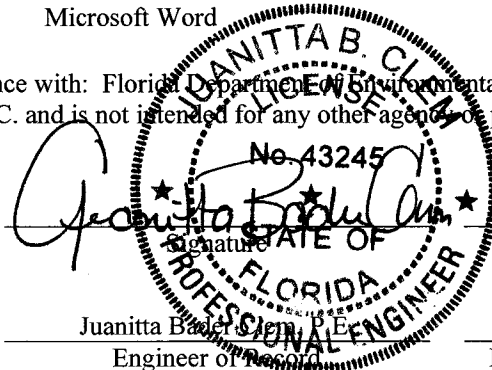
**\* Source: Trail Ridge Landfill / Waste Management, 2015 Annual Airspace Report**

Project Name: Trail Ridge Landfill ETM Job No. 05-191  
Project Location: 5110 U.S. Highway 301  
Project City/State: Baldwin, Florida  
Computer Programs Used for this calculation: Microsoft Word

This calculation is prepared in general compliance with: Florida Department of Environmental Protection, Solid Waste Regulations, Chapter 62-701, F.A.C. and is not intended for any other agency or purpose.



England – Thims & Miller, Inc.  
14775 Old St. Augustine Road., Jacksonville, FL  
32258  
Phone (904) 642-8990 CA No: 00002584



8/21/2015  
Date

Juanitta B. Clark, P.E.  
Engineer of Record  
432455  
Florida P.E. No.



**1 MAP SCANNED  
SEPARATELY**