



TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

June 27, 2007

Via UPS Next Day Delivery

Mr. Emerson Raulerson
Solid Waste Section Supervisor
Florida Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Trail Ridge Landfill (Site Life Calculations)
Permit # 0013493-010-SC**

Dear Mr. Raulerson:

We are enclosing a copy of Trail Ridge Landfill Site Calculation based on waste received from February 8, 2006 to February 16, 2007. The calculation is signed and sealed by Juanitta Bader Clem, P.E. Also enclosed is the Trail Ridge 2007 Air Space Report.

Please feel free to contact me at 904/289-9100 if you require any further information.

Sincerely,

A handwritten signature in black ink, appearing to be "Greg Mathes", written over a horizontal line.

Greg Mathes
Director of Landfill Operations

GM:lh

Enclosures

cc: Al Burson
Brian Dolihite

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JUN 29 2007

**NORTHEAST DISTRICT
DEP-JACKSONVILLE**

From everyday collection to environmental protection, Think Green® Think Waste Management.

TRAIL RIDGE LANDFILL
SITE LIFE CALCULATIONS
2007

Remaining Airspace:

Remaining Airspace as per 2007 Airspace Report is 9,819,090 cubic yards*.

Average Waste Density = 0.75 tons/CY*

Annual Tonnage Calculations

Annual Tonnage based on waste received from February 8, 2006 to February 16, 2007:

$$\frac{956,936 \text{ tons}^*}{373 \text{ days}} \times \frac{365 \text{ days}}{\text{year}} = 936,412 \text{ tons per year}$$

Remaining Site Life:

$$\begin{aligned} \text{Remaining Site Life} &= \frac{\text{Remaining Airspace} \times \text{Average Waste Density}}{\text{Annual Tonnage}} \\ &= \frac{9,819,090 \text{ CY} \times 0.75 \text{ tons/CY}}{936,412 \text{ tons per year}} = 7.86 \text{ years} \end{aligned}$$

Note: Site Life Calculations are based on annual tonnage receipts 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, 2007 Airspace Report**


Juanita Bader Clem, P.E. # 43245

6/2/07

TRAIL RIDGE LANDFILL
SITE LIFE CALCULATIONS
2007

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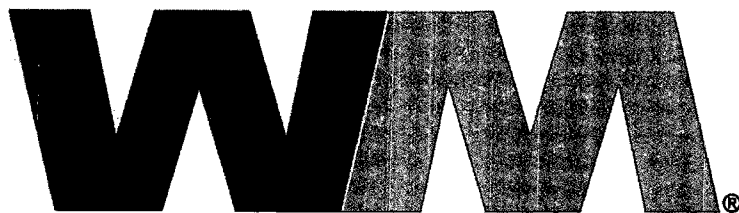
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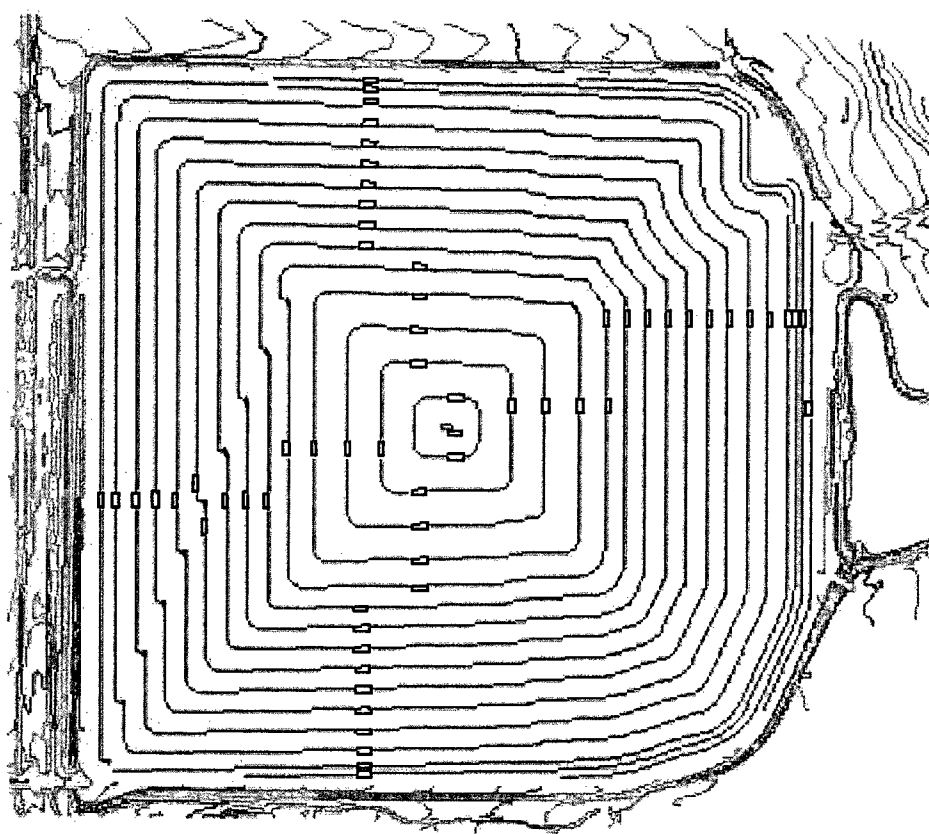
*** Source: Trail Ridge Landfill / Waste Management, 2007 Airspace Report**


Juanitta Bader Clem, P.E. # 43245
6/21/07



WASTE MANAGEMENT

TRAIL RIDGE LANDFILL



2007 Airspace Report

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JUN 29 2007


NORTHEAST DISTRICT
DEPT. JACKSONVILLE

TRAIL RIDGE LANDFILL

TABLE OF CONTENTS

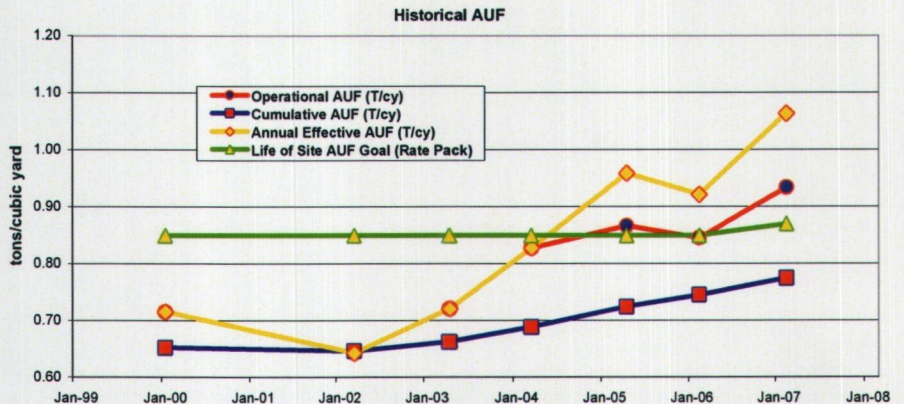
SHEETS 1-3	VOLUME CALCULATIONS & AUF PREDICTION MODEL
DRAWING 1	2006 TOPOGRAPHY (FLOWN 2-8-06)
DRAWING 2	2007 TOPOGRAPHY (FLOWN 2-16-07)
DRAWING 3	PERMITTED FINAL GRADES BY ENGLAND, THIMS & MILLER
DRAWING 4	ISOPACH BETWEEN 2-8-06 TOPO. AND 2-16-07 TOPO.
DRAWING 5	ISOPACH BETWEEN 2-16-07 TOPO. AND FINAL GRADES
DRAWING 6	BORROW AREA ISOPACH BETWEEN 2-8-06 TOPO. AND 2-16-07 TOPO.

2007 SITE DATA AND REPORT SUMMARY

	A	B	C	D	E	F	G	H	I	J	K	L	M			
1	Trail Ridge Landfill										Business Unit 2487					
2											LF Section No. 00					
3																
4											Site Data					
5	Site Name		Trail Ridge Landfill													
6	Section Name															
7	Street Address		5110 U.S. Hwy. 301													
8	City		Baldwin													
9	State (2-letter code)		FL		Zip		32234									
10	Group		Southern													
11	Annual Precipitation, in.		53													
12																
13	Prepared By:		Title		Phone No.											
14	Brian Dolihite		MA Engineer		850-301-2823											
15	Terri Garcia		SR. CAD Tech.		713-328-7331											
16																
17																
18																
19																
20																
21																
22	Landfill Areas (acres)					2007 Flyover Date		2006 Flyover Date		2005 Flyover Date		2004 Flyover Date				
23						16-Feb-07		8-Feb-06		4-Apr-05		28-Mar-04				
24	Total Property Area controlled by WM					975.0		975.0		975.0		0.0				
25	Permitted waste footprint					154.0		154.0		154.0		0.0				
26	Expansion waste footprint (sum of all phases)					0.0		0.0		0.0		0.0				
27	Total waste footprint					154.0		154.0		154.0		0.0				
28	Area with waste in place					154.0		154.0		154.0		0.0				
29	Remaining area without waste in place					0.0		0.0		0.0		0.0				
30	Total lined area					154.0		154.0		154.0		0.0				
31	Area filled to final waste elevation without final cover					10.8		14.0		14.0		0.0				
32	Total capped area					26.5		23.5		23.5		0.0				
33																
34	Permitted Design Capacities (bcy)															
35	Permitted design capacity (waste & daily cover)					23,927,440		23,927,440		23,927,440		0				
36	Adjustments (permitted design modifications)					0		0		0		0				
37	Potential Overbuilds (see comments on page 2)					0		0		0		0				
38																
39	Remaining Permitted Capacity (bcy)															
40	Remaining permitted airspace (waste & daily cover)					9,819,090		10,718,295		11,653,360		0				
41	Expansion airspace					0		0		0		0				
42	Total remaining airspace (waste & daily cover)					9,819,090		10,718,295		11,653,360		0				
43	Remaining Airspace Utilization Factor					0.87		0.85		0.85		0.00				
44	Remaining permitted tonnage					8,542,608		9,110,551		9,905,356		0				
45	Expansion tonnage					0		0		0		0				
46	Total remaining tonnage (at current flyover date)					8,542,608		9,110,551		9,905,356		0				
47																
48	Remaining Constructed Capacity Above Current Lined Areas (bcy)															
49	Remaining constructed airspace (waste & d.c.)					9,808,100		10,718,115		11,653,360		0				
50	Remaining constructed tonnage					8,533,047		9,110,398		9,905,356		0				
51																
52	Soil Summary (bcy)															
53	Remaining material available from excavation					0		0		0		0				
54	Material available from off-site borrow areas					0		0		0		0				
55	Material available from stockpiles					10,990		180		32,950		0				
56	Total Soil Available					10,990		180		32,950		0				
57	Remaining final cover material					856,490		856,490		856,490		0				
58	Remaining liner material					0		0		0		0				
59	Material required for backfilling at excavation					0		0		0		0				
60	Remaining perimeter berm					0		0		0		0				
61	Daily Cover % from workbook					15%		20%		0%		0%				
62	Total Soil Required (excludes daily cover)					856,490		856,490		856,490		0				

2007 SITE DATA AND REPORT SUMMARY

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Airspace Consumption						2007 Flyover Date	2006 Flyover Date	2005 Flyover Date	2004 Flyover Date				
2							16-Feb-07	8-Feb-06	4-Apr-05	28-Mar-04				
3	Waste received in period (tons)						956,936	861,845	999,299	0				
4	Operational consumed (cy) (waste & daily cover)						1,024,285	1,019,105	1,153,155	0				
5	Effective consumed (cy) (waste & daily cover)						899,205	935,065	1,041,875	0				
6	Final cover consumption (cy)													
7	Final cover in place at previous flyover						180,265	180,265	180,265	0				
8	Final cover put down between flyovers						0	0	0	0				
9	Final cover in place at current flyover						180,265	180,265	180,265	0				
10	Liner material consumption (cy)													
11	Liner in place at previous flyover						621,150	621,150	621,150	0				
12	Liner put down between flyovers						0	0	0	0				
13	Liner in place at current flyover						621,150	621,150	621,150	0				
14														
15	A.U.F. (operational)													
16	Airspace utilization factor (T/CY)						0.93	0.85	0.87	n/a				
17	Airspace utilization factor (Lbs/CY)						1,868	1,691	1,733	n/a				
18														
19	A.U.F. (effective)													
20	Airspace utilization factor (T/CY)						1.06	0.92	0.96	n/a				
21	Airspace utilization factor (Lbs/CY)						2,128	1,843	1,918	n/a				
22														
23	A.U.F. (prediction model)													
24	Remaining airspace utilization factor (T/CY)						1.00	0.96	0.86	0.00				
25	Remaining airspace utilization factor (Lbs/CY)						1,995	1,920	1,720	0				
26														
27	Tonnage and Site Life						Trail Ridge Landfill							
28	(Tons provided by WM PMT)													
29		FLYOVER DATE	ACTUAL TONNAGE DURING PERIOD	ADDITIONAL TONNAGE (PROJECTIONS ONLY)	Date of Survey	Operational Consumed Volume (cu.yd.)	Effective Consumed Volume (cu.yd.)	Total In-Place Volume (cu.yd.)	Waste Received In Period (tons)	Total In-Place Tonnage	Operational AUF (T/cy)	Annual Effective AUF (T/cy)	Cumulative AUF (T/cy)	Life of Site AUF Goal (Rate Pack)
30	JAN	-	-	-	1/21/2000	847,337	847,337	1,768,525	606,272	1,153,788	0.72	0.72	0.65	0.85
31	FEB	2/8/06	54,254	-	3/15/2002	2,757,648	2,757,648	4,526,173	1,771,910	2,925,698	0.64	0.64	0.65	0.85
32	MAR	-	87,783	-	4/3/2003	1,248,460	1,248,460	5,774,633	899,759	3,825,457	0.72	0.72	0.66	0.85
33	APR	-	80,984	-	3/28/2004	1,105,647	1,105,647	6,880,280	915,139	4,740,596	0.83	0.83	0.69	0.85
34	MAY	-	94,741	-	4/4/2005	1,153,155	1,041,875	7,922,155	999,299	5,739,895	0.87	0.96	0.72	0.85
35	JUNE	-	96,778	-	2/8/2006	1,019,105	935,065	8,857,220	861,845	6,601,740	0.85	0.92	0.75	0.85
36	JULY	-	73,758	-	2/16/2007	1,024,285	899,205	9,756,425	956,936	7,558,676	0.93	1.06	0.77	0.87
37	AUG	-	76,398	-										
38	SEPT	-	69,962	-										
39	OCT	-	71,494	-										
40	NOV	-	68,756	-										
41	DEC	-	69,898	-										
42	JAN	-	75,808	-										
43	FEB	2/16/07	36,321	-										
44	MAR	-	-	-										
45	APR	-	-	-										
46	MAY	-	-	-										
47	JUNE	-	-	-										
48	JULY	-	-	-										
49	AUG	-	-	-										
50	SEPT	-	-	-										
51	OCT	-	-	-										
52	NOV	-	-	-										
53	DEC	-	-	-										
54	TOTAL TONS:		956,936											
55														
56														
57	Comments													
58	1. Final cover thickness: 4 ft.													
59	2. Liner thickness: 2.5 ft.; 6" CLAY, GCL, 2' OPS. LAYER													
60	3. Airspace report sheet 1, Line 31 - Acreage was reported incorrectly, but the volume was correct.													
61														
62														
63														
64														
65														



AUF Prediction Model

Landfill Name

Trail Ridge Landfill

District No.

Engineer

Date Completed

auto input

Input cells

Output cells

no data required

INPUT

Landfill Information Input

Average annual precipitation, in.

53

from rate workbook or climate map

Leachate recirculation? No = 1, Yes = 2

1

from site engineer

Waste Stream Composition, %

MSW

C&D

Sludge

Contaminated Soil / foundry sand

Other waste

Cover soil ratio, %

See
Instruction
Sheet for Rate
Workbook
Locations for
Input
Information

Remaining Airspace Input

Remaining Airspace, bank cubic yards

9,808,100

from air report

Remaining Area with capacity (partial & no fill), acres

143.2

from air report

Typical time to fill from base grade to final grade, years

5

from rate workbook or site engineer

Existing Landfill AUF Input

AUF from initial compaction (tons/bcy)

0.86

3 year average of operational AUF

OUTPUT

AUF after Primary Settlement, tons/bcy

0.93

Secondary Settlement AUF Increase, %

7.5

Predicted Remaining AUF

1.00



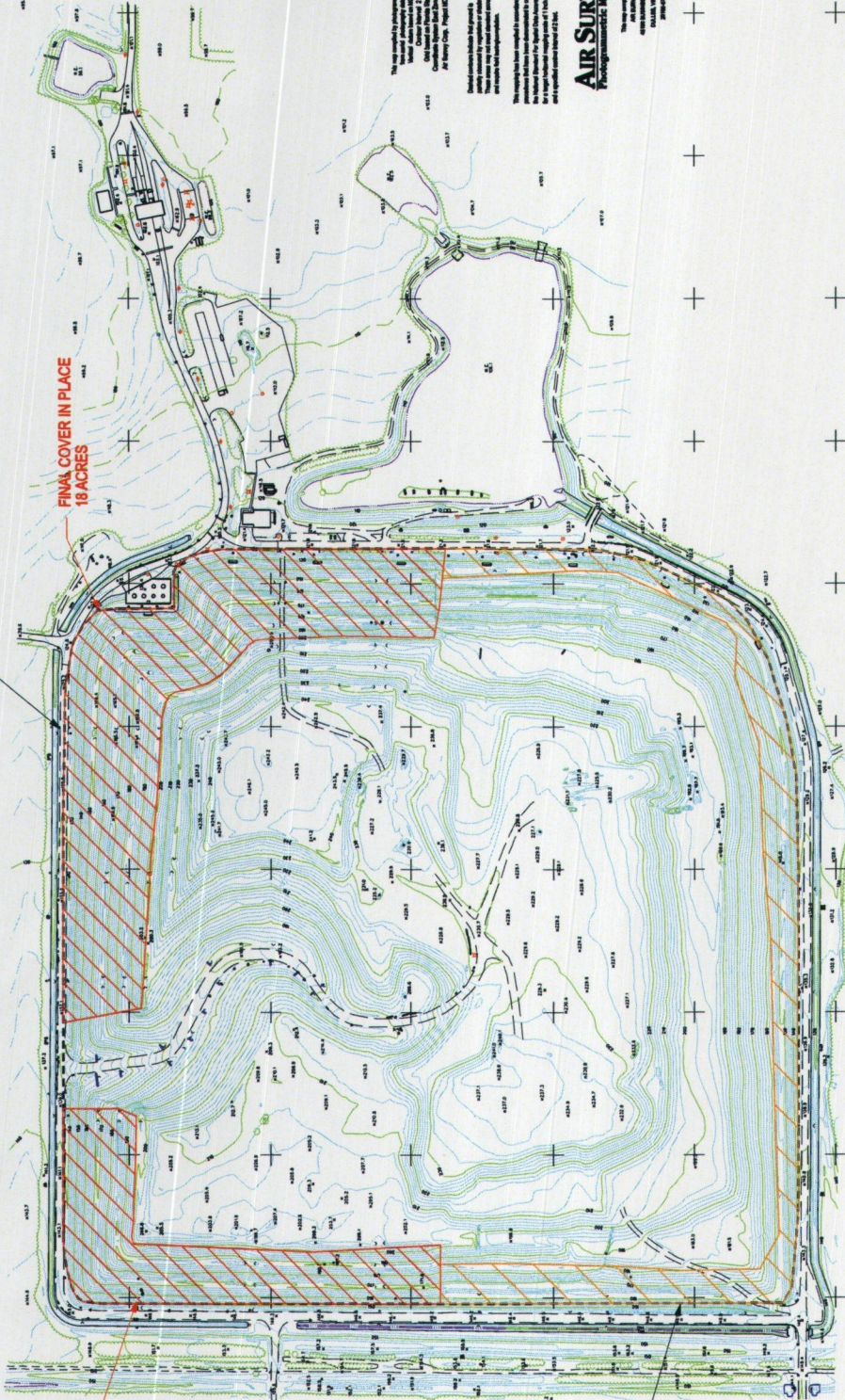
E 324000 N 2144500

FINAL COVER IN PLACE
8.5 ACRES

APPROXIMATE LANDFILL
FOOTPRINT

FINAL COVER IN PLACE
18 ACRES

FILLED TO FINAL WASTE
ELEVATION, 10.8 ACRES



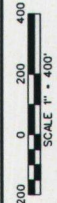
This map was prepared by the following methods:
1. Aerial Photographs
2. Ground Control Points
3. Contour Interval 2.0'
4. Contour Interval 1.0'
5. Contour Interval 0.5'
6. Contour Interval 0.25'
7. Contour Interval 0.125'
8. Contour Interval 0.0625'
9. Contour Interval 0.03125'
10. Contour Interval 0.015625'

Horizontal Control: NAD 83
Vertical Control: NAVD 83
Datum: North American Datum of 1983
Projection: UTM
Zone: 18N
Scale: 1" = 400'

Map Date: May 2007
Map No: 1

AIR SURVEY
Topographic Mapping Services
10000 N. 214th Ave.
Suite 100
Baldwin, FL 34207
Phone: 904.444.1111
Fax: 904.444.1112
Email: info@air-survey.com
Website: www.air-survey.com

E 324000 N 214500



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Revisions	
No.	Description

Approved By: B. Doherty
Checked By: B. Doherty
Drawn By: C. C. C. C. C.

Project Location:
Trail Ridge Landfill
Baldwin, Florida

2006 TOPOGRAPHY DATED
FEBRUARY 8, 2006

Drawing No. FL11-0487-AIR-01
Sheet Number: 1
Date: May 2007



E 324000

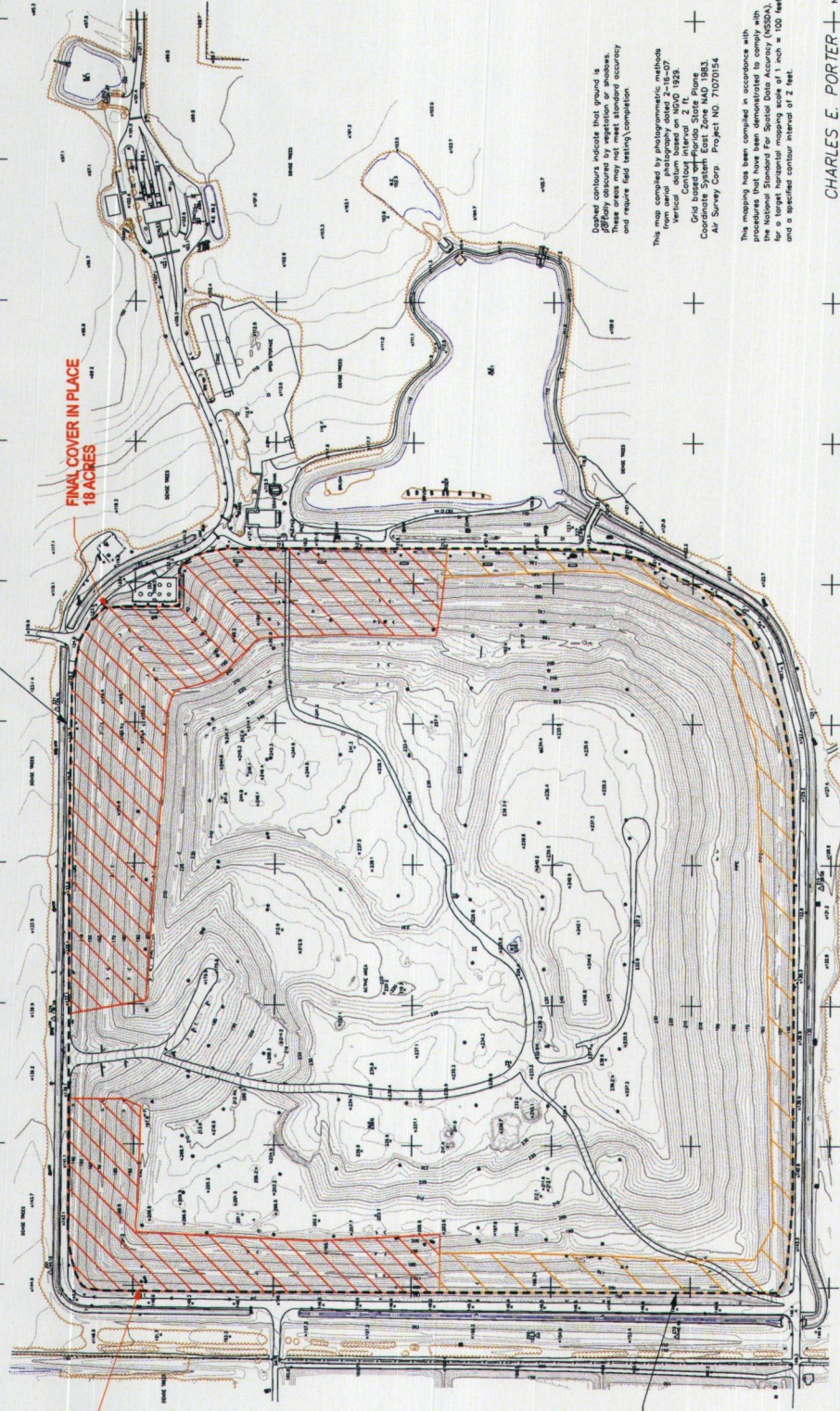
N 2144500

FINAL COVER IN PLACE
8.5 ACRES

APPROXIMATE LANDFILL
FOOTPRINT

FINAL COVER IN PLACE
18 ACRES

FILLED TO FINAL WASTE
ELEVATION, 10.8 ACRES





N 2144500
E 324000

FINAL COVER IN PLACE
8.5 ACRES

APPROXIMATE LANDFILL
FOOTPRINT

FINAL COVER IN PLACE
18 ACRES

FILLED TO FINAL WASTE
ELEVATION, 10.8 ACRES

200 0 200 400
SCALE 1" = 400'



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Revisions	
No.	Description

Approved By: B. Doolittle
Checked By: B. Doolittle
Drawn By: C. J. C. C. C.

Project Location:
Trail Ridge Landfill
Baldwin, Florida

PERMITTED FINAL GRADES

Drawing No. FL11-0487-AIR-03
Sheet Number: 3
Date: May 2007



E 324000

N 2144500

FINAL COVER IN PLACE
8.5 ACRES

STOCKPILE VOLUME BETWEEN 2008
TOPO. AND 2007 TOPO. = 7,220 C.Y.

STOCKPILE VOLUME BETWEEN 2008
TOPO. AND 2007 TOPO. = 300 C.Y.

STOCKPILE VOLUME BETWEEN 2008
TOPO. AND 2007 TOPO. = 3,470 C.Y.

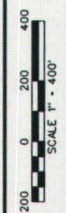
APPROXIMATE LANDFILL
FOOTPRINT

FINAL COVER IN PLACE
18 ACRES

LEGEND

- FILL CONTOUR
- NO CHANGE IN ELEVATION
- CUT CONTOUR
- WASTE IN PLACE
- STOCKPILE MATERIAL
- Z CONTOUR INTERVAL

CONSUMED VOLUME BETWEEN 2008
TOPO. AND 2007 TOPO. = 1,024,285 C.Y.



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Revisions	
No.	Description

Approved By: B. Doolittle
Checked By: B. Doolittle
Drawn By: C. G. C. C. C.

Project Location:
Trail Ridge Landfill
Baldwin, Florida

ISOPACH BETWEEN 2006 TOPO. DATED
2-8-06 (SHEET 1) AND 2007 TOPO. DATED
2-16-07 (SHEET 2)

Drawing No. **FL11-2487-AIR-04**
Scale: As Shown
Date: May 2007
Sheet Number: **4**



E 324000
N 2144500

APPROXIMATE LANDFILL
FOOTPRINT

FINAL COVER IN PLACE
8.5 ACRES

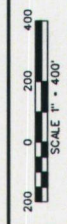
FINAL COVER IN PLACE
18 ACRES

FILLED TO FINAL WASTE
ELEVATION, 10.8 ACRES

LEGEND

- FILL CONTOUR
- NO CHANGE IN ELEVATION
- CUT CONTOUR
- WASTE IN PLACE
- STOCKPILE MATERIAL
- 5' CONTOUR INTERVAL

E 324000
N 2144500



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Revisions	
No.	Description

Approved By: B. Doherty
Checked By: B. Doherty
Drawn By: Corp. CAD

Project Location:
**Trail Ridge Landfill
Baldwin, Florida**

ISOPACH BETWEEN 2-16-07
TOPO. (SHEET 2) AND FINAL
GRADING PLAN (SHEET 3)

Drawing No. **FL11-2407-AIR-05**
Sheet Number: **5**
Date: **May 2007**



E 204200
N 135700

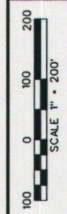
E 204200
N 135700

E 204200
N 135700

E 204200
N 135700



CONSUMED VOLUME = CUT: 185,015 C.Y.



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Revisions	
No.	Description

Approved By:	B. Doolittle
Checked By:	B. Doolittle
Drawn By:	Comp. CAD

Project Location:
Trail Ridge Landfill
Baldwin, Florida

BORROW AREA ISOPACH
BETWEEN 2-8-06 TOPO
AND 2-16-07 TOPO

Drawing No.	FL11-2487-AIR-06
Scale:	As Shown
Date:	May 2007
Sheet Number:	6



May 7, 2007

VIA UPS NEXT DAY DELIVERY

Emerson Raulerson
Solid Waste Section Supervisor
Florida Department of Environmental Protection
Northeast District
Solid Waste Section
7825 Bay Meadows Way, Suite B200
Jacksonville, FL 32256

(904) 807-3300

**RE: Trail Ridge Landfill (Annual Survey)
Permit # 0013493-010-SC**

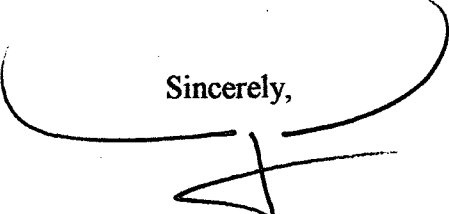
Dear Mr. Raulerson:

Please find attached a copy of the annual topographical survey and associated certifications for Trail Ridge Landfill. These documents are being submitted as required by Specific Condition 9 of Trail Ridge's solid waste permit.

Please note that the survey indicates that Trail Ridge landfill is below the maximum design elevation of 350.6 feet MSL by more than 100 feet.

If additional information is required, please feel free to contact me at (386) 984-6608 or at aburson@wm.com.

Sincerely,



Alfred (Al) L. Burson, Sr.
Environmental Protection Manager
Waste Management of North Florida

AB/ab

attachments

Cc w/ attachments: Greg Mathes
Linda Hair

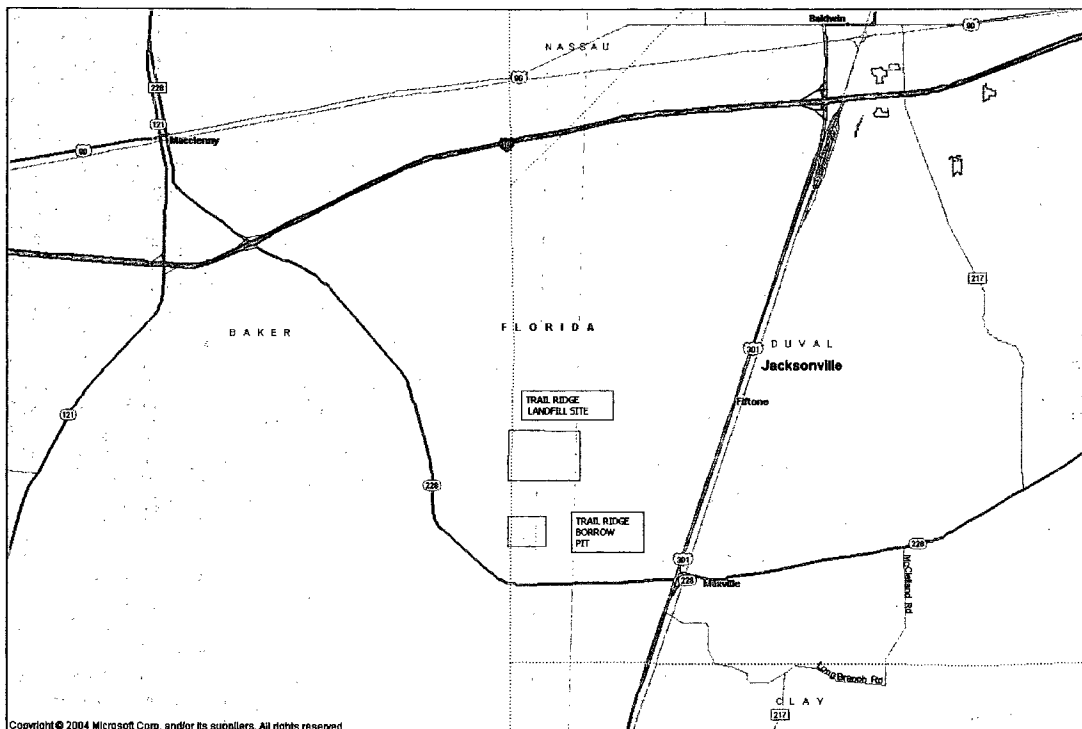
RECEIVED

MAY 8 - 2007

NORTHEAST DISTRICT
DEP-JACKSONVILLE

**REPORT OF AERIAL TOPOGRAPHIC SURVEY
TRAIL RIDGE LANDFILL
DUVAL COUNTY, FLORIDA
MARCH 27, 2007**

**CHARLES E. PORTER
PROFESSIONAL SURVEYOR AND MAPPER NO.4257
10405 130th Avenue N.E.
Kirkland, Washington 98033
425-891-6760
CEPortersPLS@aol.com**



**VICINITY MAP
NOT TO SCALE**

Topographic Survey:

This document has been prepared in accordance with Chapter 61G17-6 of the Florida State Department of Business and Professional Regulation code, which addresses minimum technical standards of the surveying and mapping industry.

NOTE: THIS REPORT AND ACCOMPANING MAP ARE NOT FULL AND COMPLETE WITHOUT THE OTHER, AND ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

Charles E. Porter, PSM No. 4257
Project Name: Trail Ridge Landfill, Duval County, Florida
Title/Type of Survey: Aerial Topographic Survey
Date of Imagery 02/16/07
Scale of Aerial Photography: 1:6000

Photogrammetric methods were used in the performance of this Topographic Survey. The accuracy of this survey was tested and verified by:

Charles E. Porter
Professional Surveyor and Mapper
10405 130th Avenue N.E.
Kirkland, Washington 98033
Tel: 425-891-6760
Email: CEPortersrpls@aol.com

This accuracy survey was performed for:

Aero-Metric, Inc.
45180 Business Court
Dulles, Virginia 20166-6706
Tel: 703-471-4510
Fax: 703-471-6810

Additions or deletions to the report or maps by other than the signing party are forbidden without the consent of the signing party. The maps and report are not full and complete without the other.

Methods:

All map data were collected using Photogrammetric methodology from aerial photography dated 02/16/07 acquired at an altitude of 3000' above mean terrain to produce a photo scale of 1:6000 (1"=500'). Fully analytical stereo plotter instruments were used in the collection of digital data with Photogrammetric software specifically designed for the extraction of positional information from stereo imagery.

The relative location of the site improvements (i.e. roads, trails, streets, fences, buildings, and drainage features) has been accurately portrayed with

respect to the ground control survey. Planimetric features and details were collected commensurate with the final output map scale and the ability of the operator to see and interpret these features from the photography. Areas where the ground is masked due the heavy vegetation have been labeled and identified with dashed contours. These areas should be field-verified prior to any design work being preformed.

Data Sources:

The horizontal and vertical control used for this project was obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248. The photography used for this project was obtained on February 16, 2007.

Vertical Datum:

The vertical datum is NGVD 1929. Elevations are based on site benchmarks obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248.

The horizontal datum is Florida Coordinate System, East Zone, and NAD 1983. All horizontal and vertical ground control and map data is expressed in U.S. Survey Feet.

Accuracies:

The maps and digital files for this project meet the Minimum Technical Standards of the State of Florida:

- ◆ At least 90% of the ground point elevations of well-defined features contained in this map have been measured to an estimated vertical positional accuracy of: +/-1.0 feet.
- ◆ The survey-measured verses ground truth coordinates of at least 90% of well-defined features contained in this survey and map have been measured to an estimated horizontal positional accuracy of: +/-2.5 feet.

Horizontal and vertical accuracy is determined from the absolute orientation solution, which is based upon ground control values received from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

Digital mapping and/or coordinate data files are intended to be displayed at a scale of 1:1200 (1"=100') or smaller.

Intended Features:

All features identified by the mapping limits as indicated on the aerial photography contact points were intended to be surveyed and mapped in their entirety. All line drawn features are shown to scale. Symbols do not represent the actual size of the object. Refer to the Map Legend in the digital file for the cartographic representation of each feature.

This mapping should be used for preliminary design work only, and should not replace an actual field run survey where the required accuracy is greater than the accuracy stated in this report.

This survey is restricted to the active areas of the landfill for which the company contracted to update. No responsibility, expressed or implied, is assumed for the areas outside this scope.

The signing party assumes no responsibility of the accuracy of the ground control or the boundary information provided by England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

To the best of my knowledge and belief, based on my review, all of the products meet the accuracy and quality standards as required.

Prepared for:

Aero-Metric, Inc.
45180 Business Court
Dulles, Virginia 20166-6706

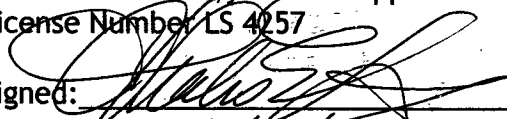
Certification:

To the best of my knowledge this survey and report meet all applicable requirements of the Florida Minimum Technical Standards as contained in Chapter 61G17-6 FAC pursuant to Section 472.027 Florida Statutes.

Surveyor and Mapper in Responsible Charge:

Charles E. Porter
Professional Surveyor and Mapper
License Number LS 4257

Signed:


04/04/07

Seal:



USGS Report No. OSL/3075

United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Reston, Virginia 20192

1339104

REPORT OF CALIBRATION
of Aerial Mapping Camera

September 15, 2004

Camera type: Wild RC30* Camera serial no.: 5346
 Lens type: Wild Universal Avilogon /4-S Lens serial no.: 13391
 Nominal focal length: 153 mm Maximum aperture: f/4
 Test aperture: f/4

Submitted by: Gulf Coast Aerial Mapping Co., Inc.
 Baton Rouge, Louisiana

Reference: Gulf Coast Aerial Mapping Co., Inc. purchase order
 No. 091404, dated September 14, 2004.

These measurements were made on Kodak Micro-flat glass plates, 0.25 inch thick, with spectroscopic emulsion type 157-01 Panchromatic, developed in D-19 at 68° F for 3 minutes with continuous agitation. These photographic plates were exposed on a multicollimator camera calibrator using a white light source rated at approximately 5200K.

I. Calibrated Focal Length: 153.420 mm

II. Lens Distortion

Field angle:	7.5°	15°	22.7°	30°	35°	40°
Symmetric radial (um)	-1	-1	-2	-1	0	2
Decentering (um)	0	0	0	1	1	1

Symmetric radial
distortion parameters

$K_0 = 0.4229 \times 10^{-4}$
 $K_1 = -0.4285 \times 10^{-8}$
 $K_2 = 0.5848 \times 10^{-13}$
 $K_3 = 0.0000$
 $K_4 = 0.0000$

Decentering
distortion parameters

$P_1 = 0.2149 \times 10^{-7}$
 $P_2 = 0.6904 \times 10^{-7}$
 $P_3 = 0.0000$
 $P_4 = 0.0000$

Calibrated
principal point

$x_p = 0.002$ mm
 $y_p = 0.000$ mm

The values and parameters for Calibrated Focal Length (CFL), Symmetric Radial Distortion (K_0, K_1, K_2, K_3, K_4), Decentering Distortion (P_1, P_2, P_3, P_4), and Calibrated Principal Point [point of symmetry] (x_p, y_p) were determined through a least-squares Simultaneous Multiframe Analytical Calibration (SMAC) adjustment. The x and y-coordinate measurements utilized in the adjustment of the above parameters have a standard deviation (σ) of ± 3 microns.

* Equipped with Forward Motion Compensation

(1 of 4)

USGS Report No. OSL/3075

III. Lens Resolving Power in cycles/mm

Area-weighted average resolution: 112

Field angle:	0°	7.5°	15°	22.7°	30°	35°	40°
Radial Lines	159	159	159	113	134	95	95
Tangential lines	159	159	134	113	113	95	67

The resolving power is obtained by photographing a series of test bars and examining the resultant image with appropriate magnification to find the spatial frequency of the finest pattern in which the bars can be counted with reasonable confidence. The series of patterns has spatial frequencies from 5 to 268 cycles/mm in a geometric series having a ratio of the 4th root of 2. Radial lines are parallel to a radius from the center of the field, and tangential lines are perpendicular to a radius.

IV. Filter Parallelism

The two surfaces of the Wild 525 filter No. 7882 accompanying this camera are within 10 seconds of being parallel. The 525 filter was used for the calibration.

V. Shutter Calibration

Indicated time (sec)	Rise time (μ sec)	Fall Time (μ sec)	$\frac{1}{2}$ width time (ms)	Nom. Speed (sec.)	Efficiency (%)
1/125	1813	1847	8.28	1/140	87
1/250	912	901	4.25	1/270	87
1/500	409	410	2.11	1/540	87
1/1000	236	233	1.08	1/1070	87

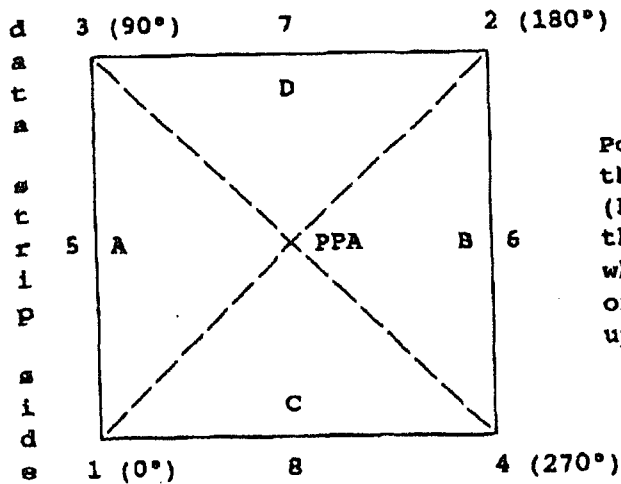
The effective exposure times were determined with the lens at aperture f/4. The method is considered accurate within 3 percent. The technique used is Method I described in American National Standard PH3.48-1972(R1978).

VI. Film Platen

The film platen mounted in Wild RC30 drive unit No. 5346-729 does not depart from a true plane by more than 13 μ m (0.0005 in).

This camera is equipped with a platen identification marker that will register "729" in the data strip area for each exposure.

USGS Report No. OSL/3075

VII. Principal Points and Fiducial Coordinates

Positions of all points are referenced to the principal point of autocollimation (PPA) as origin. The diagram indicates the orientation of the reference points when the camera is viewed from the back, or a contact positive with the emulsion up. The data strip is to the left.

	<u>X coordinate</u>	<u>Y coordinate</u>
Indicated principal point, corner fiducials	0.007 mm	0.001 mm
Indicated principal point, midside fiducials	0.002	0.008
Principal point of autocollimation (PPA)	0.0	0.0
Calibrated principal point (pt. of sym.) x_p, y_p	0.002	0.000

Fiducial Marks

1	-105.990 mm	-105.997 mm
2	106.006	106.001
3	-105.992	106.003
4	106.003	-105.997
5	-111.990	0.010
6	112.001	0.005
7	0.001	112.001
8	0.004	-111.999

VIII. Distances Between Fiducial Marks

Corner fiducials (diagonals)

1-2: 299.809 mm 3-4: 299.810 mm

Lines joining these markers intersect at an angle of 89° 59' 57"

Midside fiducials

5-6: 223.991 mm 7-8: 224.000 mm

Lines joining these markers intersect at an angle of 90° 00' 07"

Corner fiducials (perimeter)

1-3: 212.000 mm 2-3: 211.998 mm
1-4: 211.994 mm 2-4: 211.998 mm

The method of measuring these distances is considered accurate within 0.003 mm

Note: For GPS applications, the nominal entrance pupil distance from the focal plane is 277 mm.

USGS Report No. OSL/3075

IX. Stereomodel Flatness

FMC Drive Unit No.: 5346-729

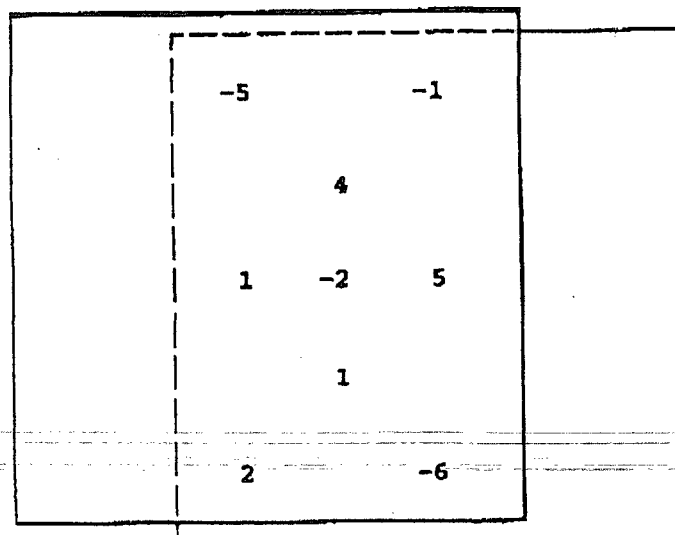
Base/Height ratio: 0.6

Platen ID: 729

Maximum angle of field tested: 40°

d
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Stereomodel
Test point array
(values in micrometers)

The values shown on the diagram are the average departures from flatness (at negative scale) for two computer-simulated stereo models. The values are based on comparator measurements on Kodak 4425 copy film made from Kodak 2405 film exposures. These measurements can vary by as much as $\pm 5 \mu\text{m}$ from model to model.

X. System Resolving Power on film in cycles/mm

Area-weighted average resolution: 52

Film: Type 2405

Field angle:	0°	7.5°	15°	22.7°	30°	35°	40°
Radial Lines	57	57	57	57	57	48	48
Tangential lines	57	57	57	57	48	48	40

This aerial mapping camera calibration report supersedes the previously issued USGS Report No. OSL/2800, dated November 21, 2001.

Gregory I. Snyder, Manager
HQ Commercial Remote Sensing Program Office
National Mapping Division



TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

April 10, 2007

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Trail Ridge Landfill
Quarterly Leachate Generation Report
1st Quarter 2007
FDEP Permit #0013493-010-SC
I.D. Number: NED/16/00033628**

Dear Ms. Nogas:

In accordance with Specific Condition 38 e. of the referenced permit, enclosed please find the First Quarter 2007 Leachate Generation Report for Trail Ridge Landfill.

The leachate generation reports include daily precipitation amounts, the quantities of leachate collected from the LCRS and LDS, the amount of leachate transported to the water treatment facility.

Sincerely,

Greg Mathes
Director of Landfill Operations
North Florida Market Area

GM:lh
Encl.

cc: Chris Pearson w/encl.
Brian Dolihite, w/o encl.

RECEIVED

APR 10 2007

NORTHEAST DISTRICT
DEP-JACKSONVILLE

From everyday collection to environmental protection, Think Green. Think Waste Management.

Trail Ridge Landfill
Leachate/Rainfall: First Quarter 2007

Month	Rainfall	Primary	Secondary	Total		
				Produced	Transported	Recirculated
January	3.51	325,500	18,100	343,600	462,000	
February	2.42	212,000	13,000	225,000	306,000	
March	1.20	464,700	14,700	479,400	624,000	
QTR. TOTAL	7.13	1,002,200	45,800	1,048,000	1,392,000	

Trail Ridge Landfill

Leachate/Rainfall JANUARY 2007

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Recirculated	Gallons Leachate Transported
1/1/07	1.3	12,800	6,800	19,600		54,000
1/2/07	0.1	11,300	1,100	12,400		30,000
1/3/07	0	25,300	-	25,300		18,000
1/4/07	0.12	33,900	-	33,900		24,000
1/5/07	0	8,700	-	8,700		
1/6/07				-		36,000
1/7/07				-		
1/8/07	0.45	13,800	-	13,800		18,000
1/9/07	0.04	28,600	-	28,600		
1/10/07	0	14,000	-	14,000		24,000
1/11/07	0	11,200	-	11,200		
1/12/07	0	2,500	-	2,500		
1/13/07				-		36,000
1/14/07				-		
1/15/07	0	45,500	2,000	47,500		24,000
1/16/07	0	24,200	-	24,200		18,000
1/17/07	0	6,500	200	6,700		12,000
1/18/07	0.1	22,100	400	22,500		18,000
1/19/07	0	6,700	1,600	8,300		30,000
1/20/07				-		
1/21/07				-		
1/22/07	0	12,500	-	12,500		18,000
1/23/07	0	2,900	-	2,900		48,000
1/24/07	0	3,300	-	3,300		6,000
1/25/07	0.9	9,000	-	9,000		30,000
1/26/07	0	3,300	1,200	4,500		12,000
1/27/07				-		
1/28/07				-		
1/29/07	0.5	14,200	500	14,700		
1/30/07	0	8,700	-	8,700		6,000
1/31/07	0	4,500	4,300	8,800		
TOTALS	3.51	325,500	18,100	343,600	-	462,000

Trail Ridge Landfill

Leachate/Rainfall FEBRUARY 2007

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Recirculated	Gallons Leachate Transported
2/1/07	0	7,600	1,300	8,900		
2/2/07	2.25	21,400	1,300	22,700		
2/3/07						
2/4/07						
2/5/07	0.02	50,500	-	50,500		
2/6/07	0	-	-	-		30,000
2/7/07	0	-	-	-		42,000
2/8/07	0	18,900	2,100	21,000		24,000
2/9/07	no report			-		36,000
2/10/07				-		36,000
2/11/07				-		
2/12/07	0	17,900	900	18,800		
2/13/07	0	3,500	-	3,500		18,000
2/14/07	0	5,800	700	6,500		24,000
2/15/07	0	2,200	3,700	5,900		
2/16/07	0	19,000	200	19,200		18,000
2/17/07				-		
2/18/07				-		
2/19/07	0	16,900	300	17,200		6,000
2/20/07	0	10,800	700	11,500		
2/21/07	0	-	-	-		
2/22/07	0.1	6,300	500	6,800		6,000
2/23/07	0	4,400	-	4,400		18,000
2/24/07				-		
2/25/07				-		
2/26/07	0	19,400	1,200	20,600		18,000
2/27/07	0.05	2,900	-	2,900		30,000
2/28/07	0	4,500	100	4,600		
				-		
				-		
				-		
TOTALS	2.42	212,000	13,000	225,000	-	306,000

Trail Ridge Landfill

Leachate/Rainfall MARCH 2007

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
3/1/07	0	4,200	-	4,200	
3/2/07	0.15	1,300	200	1,500	12,000
3/3/07				-	
3/4/07				-	
3/5/07	0.95	58,900	300	59,200	12,000
3/6/07	0	2,700	-	2,700	36,000
3/7/07	0	8,700	2,100	10,800	12,000
3/8/07	0	28,200	4,700	32,900	30,000
3/9/07	0	1,800	2,400	4,200	42,000
3/10/07				-	66,000
3/11/07				-	
3/12/07	0	80,200	900	81,100	
3/13/07	0	7,300	200	7,500	6,000
3/14/07	0	20,800	1,100	21,900	42,000
3/15/07	0	6,000	-	6,000	18,000
3/16/07	0.1	15,800	500	16,300	54,000
3/17/07				-	
3/18/07				-	
3/19/07	0	81,300	700	82,000	
3/20/07	0	12,900	-	12,900	24,000
3/21/07	0	6,600	-	6,600	42,000
3/22/07	0	17,900	-	17,900	78,000
3/23/07	0	22,300	-	22,300	24,000
3/24/07				-	
3/25/07				-	
3/26/07	0	44,400	800	45,200	36,000
3/27/07	0	3,800	-	3,800	48,000
3/28/07	0	20,800	600	21,400	18,000
3/29/07	no report for 3/29/07			-	6,000
3/30/07	0	18,800	200	19,000	18,000
3/31/07				-	
TOTALS	1.20	464,700	14,700	479,400	624,000



TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

April 5, 2007

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

RECEIVED
APR 06 2007
NORTHEAST DISTRICT
DEP-JACKSONVILLE

**Re: Waste Quantities Report 1st Quarter 2007
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for January, February, and March 2007 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	30,023.76	TONS	
115	71.82	TONS	
130	45,049.37	TONS	
200	640.47	TONS	
220	22.37	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	75,807.79		

WASTE CODES:

SOLIDS, NON-HAZARDOUS	SLUDGES	WASTE UNIT
100 - UNCLASS. SOLID, NON-HAZARDOUS	200 - UNCLASSIFIED SLUDGES	CFT - CUBIC FOOT
105 - AGRICULTURAL	205 - WATER TREATMENT/LIME SOFTEN	CMT - CUBIC METER
110 - RESIDENTIAL	210 - SEPTIC TANK	CYD - CUBIC YARD
115 - COMMERCIAL	215 - AIR SCRUBBER	GAL - GALLON
120 - HOSPITAL/CLINICAL	220 - INDUSTRIAL/COMMERCIAL	KGM - KILOGRAM
125 - MINING	225 - DOMESTIC WASTEWATER TREATMENT	LBS - POUNDS
130 - INDUSTRIAL	230 - INCINERATOR RESIDUE	LTR - LITER
135 - YARD TRASH/TRASH	235 - ION RESIDUE	TON - TON
	295 - HAZARDOUS SLUDGE	MGL - MILLION GALLONS

WASTEWATER

300 - UNCLASSIFIED WASTEWATER
305 - DOMESTIC WASTEWATER
310 - INDUSTRIAL WASTEWATER
315 - REJECT WATER
320 - COOLING WATER

UNKNOWN TYPE OF WASTE
800 - UNKNOWN TYPE OF WASTE

OTHER

999 - OTHER - USE COMMENTS

HAZARDOUS WASTE

900 - UNCLASSIFIED HAZARDOUS WASTE
905 - CAUSTIC AND ACID
910 - EXPLOSIVES
915 - HEAVY METAL SOLUTIONS
920 - INORGANIC CHEMICALS
925 - ORGANIC CHEMICALS
930 - ORGANIC SOLVENTS AND OILS
935 - PAINT AND INK WASTE
940 - PESTICIDES/FUNGICIDES
945 - PATHOLOGICAL/INFECTIOUS
950 - LOW-LEVEL RADIOACTIVE
955 - MINING

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	28,863.23	TONS	
115	50.47	TONS	
130	38,976.67	TONS	
200	655.04	TONS	
220	16.48	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	68,561.88		

WASTE CODES:

SOLIDS, NON-HAZARDOUS	SLUDGES	WASTE UNIT:
100 - UNCLASS. SOLID, NON-HAZARDOUS	200 - UNCLASSIFIED SLUDGES	CFT - CUBIC FOOT
105 - AGRICULTURAL	205 - WATER TREATMENT/LIME SOFTEN	CMT - CUBIC METER
110 - RESIDENTIAL	210 - SEPTIC TANK	CYD - CUBIC YARD
115 - COMMERCIAL	215 - AIR SCRUBBER	GAL - GALLON
120 - HOSPITAL/CLINICAL	220 - INDUSTRIAL/COMMERCIAL	KGM - KILOGRAM
125 - MINING	225 - DOMESTIC WASTEWATER TREATMENT	LBS - POUNDS
130 - INDUSTRIAL	230 - INCINERATOR RESIDUE	LTR - LITER
135 - YARD TRASH/TRASH	235 - ION RESIDUE	TON - TON
	295 - HAZARDOUS SLUDGE	MGL - MILLION GALLONS

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955 - MINING



*This one
For Chet McGhee*

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April 5, 2007

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Sincerely,

Greg Mathes
Director of Landfill Operations

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Encl.

cc: Brian Dolihite, w/o enclosures
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RECEIVED
APR 06 2007
NORTHEAST DISTRICT
DEP-JACKSONVILLE



WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	30,023.76	TONS	
115	71.82	TONS	
130	45,049.37	TONS	
200	640.47	TONS	
220	22.37	TONS	
230	0.00	TONS	
		TONS	
		TONS	
		TONS	
TOTAL	75,807.79		

WASTE CODES:

SOLIDS, NONHAZARDOUS

100 - UNCLASS. SOLID, NONHAZARDOUS
105 - AGRICULTURAL
110 - RESIDENTIAL
115 - COMMERCIAL
120 - HOSPITAL/CLINICAL
125 - MINING
130 - INDUSTRIAL
135 - YARD TRASH/TRASH

SLUDGES

200 - UNCLASSIFIED SLUDGES
205 - WATER TREATMENT/LIME SOFTEN
210 - SEPTIC TANK
215 - AIR SCRUBBER
220 - INDUSTRIAL/COMMERCIAL
225 - DOMESTIC WASTEWATER TREATMENT
230 - INCINERATOR RESIDUE
235 - ION RESIDUE
295 - HAZARDOUS SLUDGE

WASTE UNIT:

CFT - CUBIC FOOT
CMT - CUBIC METER
CYD - CUBIC YARD
GAL - GALLON
KGM - KILOGRAM
LBS - POUNDS
LTR - LITER
TON - TON
MGL - MILLION GALLONS

WASTEWATER

300 - UNCLASSIFIED WASTEWATER
305 - DOMESTIC WASTEWATER
310 - INDUSTRIAL WASTEWATER
315 - REJECT WATER
320 - COOLING WATER

HAZARDOUS WASTE

800 - UNCLASSIFIED HAZARDOUS WASTE
905 - CAUSTIC AND ACID
910 - EXPLOSIVES
915 - HEAVY METAL SOLUTIONS
920 - INORGANIC CHEMICALS
925 - ORGANIC CHEMICALS
930 - ORGANIC SOLVENTS AND OILS
935 - PAINT AND INK WASTE
940 - PESTICIDES/FUNGICIDES
945 - PATHOLOGICAL/INFECTIOUS
950 - LOW-LEVEL RADIOACTIVE
955 - MINING

UNKNOWN TYPE OF WASTE

800 - UNKNOWN TYPE OF WASTE

OTHER

999 - OTHER - USE COMMENTS

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	28,863.23	TONS	
115	50.47	TONS	
130	38,976.67	TONS	
200	655.04	TONS	
220	16.48	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	68,561.88		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

SLUDGES

WASTE UNIT: CFT - CUBIC FOOT

	WASTE UNIT:
SOLIDS, NON-HAZARDOUS	
100 - UNCLASS. SOLID, NON-HAZARDOUS	CFT - CUBIC FOOT
105 - AGRICULTURAL	CMT - CUBIC METER
110 - RESIDENTIAL	CYD - CUBIC YARD
115 - COMMERCIAL	GAL - GALLON
120 - HOSPITAL/CLINICAL	KGM - KILOGRAM
125 - MINING	LBS - POUNDS
130 - INDUSTRIAL	LTR - LITER
135 - YARD TRASH/TRASH	TON - TON
	MGL - MILLION GALLONS
WASTEWATER	
300 - UNCLASSIFIED WASTEWATER	
305 - DOMESTIC WASTEWATER	
310 - INDUSTRIAL WASTEWATER	
315 - REJECT WATER	
320 - COOLING WATER	
UNKNOWN TYPE OF WASTE	
800 - UNKNOWN TYPE OF WASTE	
OTHER	
999 - OTHER - USE COMMENTS	
SLUDGES	
200 - UNCLASSIFIED SLUDGES	
205 - WATER TREATMENT/PLME SOFTEN	
210 - SEPTIC TANK	
215 - AIR SCRUBBER	
220 - INDUSTRIAL/COMMERCIAL	
225 - DOMESTIC WASTEWATER TREATMENT	
230 - INCINERATOR RESIDUE	
235 - ION RESIDUE	
295 - HAZARDOUS SLUDGE	
HAZARDOUS WASTE	
900 - UNCLASSIFIED HAZARDOUS WASTE	
905 - CAUSTIC AND ACID	
910 - EXPLOSIVES	
915 - HEAVY METAL SOLUTIONS	
920 - INORGANIC CHEMICALS	
925 - ORGANIC CHEMICALS	
930 - ORGANIC SOLVENTS AND OILS	
935 - PAINT AND INK WASTE	
940 - PESTICIDES/FUNGICIDES	
945 - PATHOLOGICAL/INFECTIOUS	
950 - LOW-LEVEL RADIOACTIVE	
955 - MINING	

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	27,464.18	TONS	
115	89.64	TONS	
130	42,962.57	TONS	
200	841.48	TONS	
220	42.70	TONS	
230	0.00	TONS	
		TONS	
		TONS	
		TONS	
TOTAL	71,400.57		

WASTE CODES:	SOLIDS, NON-HAZARDOUS	SLUDGES	WASTE UNIT:
100 - UNCLASS. SOLID, NON-HAZARDOUS	200 - UNCLASSIFIED SLUDGES	CFT - CUBIC FOOT	
105 - AGRICULTURAL	205 - WATER TREATMENT/LIME SOFTEN	CMFT - CUBIC METER	
110 - RESIDENTIAL	210 - SEPTIC TANK	CYD - CUBIC YARD	
115 - COMMERCIAL	215 - AIR SCRUBBER	GAL - GALLON	
120 - HOSPITAL/CLINICAL	220 - INDUSTRIAL/COMMERCIAL	KGM - KILOGRAM	
125 - MINING	225 - DOMESTIC WASTEWATER TREATMENT	LBS - POUNDS	
130 - INDUSTRIAL	230 - INCINERATOR RESIDUE	LTR - LITER	
135 - YARD TRASH/TRASH	235 - ION RESIDUE	TON - TON	
	295 - HAZARDOUS SLUDGE	MGL - MILLION GALLONS	
WASTEWATER	HAZARDOUS WASTE		
300 - UNCLASSIFIED WASTEWATER	800 - UNCLASSIFIED HAZARDOUS WASTE		
305 - DOMESTIC WASTEWATER	905 - CAUSTIC AND ACID		
310 - INDUSTRIAL WASTEWATER	910 - EXPLOSIVES		
315 - REJECT WATER	915 - HEAVY METAL SOLUTIONS		
320 - COOLING WATER	920 - INORGANIC CHEMICALS		
UNKNOWN TYPE OF WASTE	925 - ORGANIC CHEMICALS		
800 - UNKNOWN TYPE OF WASTE	930 - ORGANIC SOLVENTS AND OILS		
OTHER	935 - PAINT AND INK WASTE		
999 - OTHER - USE COMMENTS	940 - PESTICIDES/FUNGICIDES		
	945 - PATHOLOGICAL/INFECTIOUS		
	950 - LOW-LEVEL RADIOACTIVE		
	955 - MINING		



TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608

RECEIVED
(904) 289-9100
(904) 289-9013 Fax

April 5, 2007

APR 06 2007

Ms. Mary Nogas, P.E.
Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

NORTHEAST DISTRICT
DEP-JACKSONVILLE

**Re: Permit No. 0013493-010-SC
Waste Tire Processing Facility Quarterly Report, 1st Qtr. 2007
Fire Safety Inspection 2007**

Dear Ms. Nogas:

In accordance with specific condition 27e of the above referenced permit, please find enclosed, the Waste Tire Processing Facility Quarterly Report for Trail Ridge Landfill for the first calendar quarter of 2007.

We have also enclosed our fire safety inspection for 2007, per specific condition 27d.

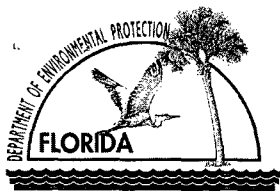
Should you have any questions concerning the report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Enclosures

cc: Brian Dolihite, w/o encl.



Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title <u>Quarterly Report</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report First Quarter 2007 (First quarter begins on January 1 of any given year)

1. Facility name: Trail Ridge Landfill
2. Facility mailing address: 5110 U.S. HIGHWAY 301 SOUTH
City: Baldwin County: Duval Zip: 32234-3608
3. Facility permit number: 0013493-010-SC
4. Facility telephone number: (904) 289-9100
5. Authorized person preparing report: Greg Mathes
6. Affiliation with facility: Director of Landfill Operations
7. Telephone number (if different from above): ()
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	0	294.5			294.5		0
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total	0	294.5			294.5		0

- a. Explain all inventory adjustments. _____
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved? _____

For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary.

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Greg Mathes

Print Name of Authorized Agent

Greg Mathes
Signature of Authorized Agent

April 5, 2007

Date

Mail complete form to
the appropriate district office

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8380

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600

FIRE & RESCUE DEPARTMENT



Facility Name TRAIL RIDGE LANDFILL, INC

SERC Number _____

DUVAL County Emergency Management Representative

Insp. Scott W. Scott III

Print Name

Facility Representative

L. J. Hair

Print Name

Facility Representative Signature

[Signature] #11080

Date

28 FEB 07

DUVAL Emergency Management Representative

[Signature]

Date

2/28/07

The individuals signing above certify that a Section 302 hazards analysis site visit has been performed on the above date.





FIRE AND RESCUE DEPARTMENT
Fire Prevention Division
515 N. Julia Street
Jacksonville, Florida 32202
(904) 630 - 0445 Office / (904) 630 - 4203 Fax



City of Jacksonville Ordinance 2004 - 1003

Fire Inspection Billing Form

Inspection Location:

Inspector: John W. Scott III

Organization Name: TRAIL RIDGE LANDFILL, INC.

Address: 5110 U.S. HIGHWAY 301 SOUTH

(City) BALDWIN **(State)** Florida **(Zip)** 32234

Telephone #: 904 289-9100

Building Information:

Name: _____

Address: _____

City, State, Zip: _____

Telephone #: _____

Federal ID # or SSN #: _____

Inspection Information:

Date of Inspection: 28 Feb 07

Square Footage: _____

Inspection Verification: ☒ L.J. Hair OFFICE MGR

Print: Name/Title

☒ L.J. Hair
Signature



TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

February 6, 2007

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7598

Re: Trail Ridge Landfill
Methane Monitoring Results/First Qtr. 2007
FDEP Permit #0013493-010-SC
I.D. #: NED/16/00033628

Dear Ms. Nogas:

In accordance with Specific Condition #35 of the referenced permit, enclosed please find the first quarter 2007 methane gas monitoring data for Trail Ridge Landfill. As indicated on the report, there was no detection of methane gas at the site.

If you have any questions, or comments concerning this report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Attachment

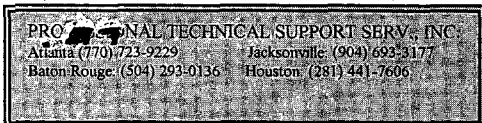
cc: Chris Pearson w/attachments
Brian Dolihite

RECEIVED

FEB 07 2007

**NORTHEAST DISTRICT
DEP-JACKSONVILLE**

From everyday collection to environmental protection, Think Green. Think Waste Management.



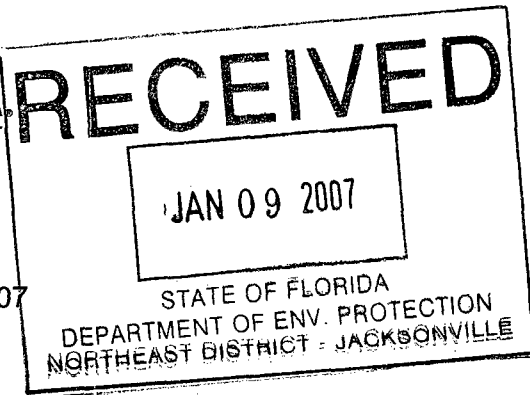
GAS MONITORING REPORT

FACILITY NAME: TRAIL RIDGE LANDFILL

ANALYST: BEN RAMJEAWAN	DATE: 01/30/2007
GAS INSTRUMENT TYPE: GAS TECH NP204	SERIAL NO.: 0801001
DATE LAST CALIBRATED: 01/30/2007	METHOD: ASPIRATOR 2.5%; 50% , CH4
PRESSURE INSTRUMENT TYPE: AIR NEOTRONICS	SERIAL NO: --- 019274 ---
WATER LEVEL INSTRUMENT TYPE: SOLINST	SERIAL NO: 19490
WEATHER CONDITIONS: CLEAR SKY, CALM WINDS, 55° F	
BAROMETRIC PRESSURE: 30.17	

MONITOR POINT	TIME	PRESSURE (inches w.c.)	METHANE (% by Vol. air)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-10	1748	0.00	0	0	DRY	
GP-9	1738	0.00	0	0	DRY	
GP-8	1733	0.00	0	0	DRY	
GP-7	1730	0.00	0	0	DRY	
GP-6	1723	0.00	0	0	DRY	
GM-1	1750	N/A	0	0	N/A	*
GM-2	1753	N/A	0	0	N/A	*
GM-3	1757	N/A	0	0	N/A	*
GM-4	1803	N/A	0	0	N/A	*
GM-5	1806	N/A	0	0	N/A	*

COMMENTS: *CHECKED ALL LOWLYING AREAS IN AND AROUND BLDGS. NO METHANE DETECTED



January 8, 2007

TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

**Re: Waste Quantities Report 4th Quarter 2006
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for October, November and December 2006 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENT/ADDITIONAL INFORMATION
110	25,664.33	TONS	
115	77.66	TONS	
130	44,937.25	TONS	
200	783.48	TONS	
220	29.14	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	71,491.87	TONS	

WASTE CODES:

SOLIDS, NON-HAZARDOUS	SLUDGES	WASTE UNIT:
100 - UNCLASS. SOLID, NON-HAZARDOUS	200 - UNCLASSIFIED SLUDGES	CFT - CUBIC FOOT
105 - AGRICULTURAL	205 - WATER TREATMENT/LIME SOFTEN	CMT - CUBIC METER
110 - RESIDENTIAL	210 - SEPTIC TANK	CYD - CUBIC YARD
115 - COMMERCIAL	215 - AIR SCRUBBER	GAL - GALLON
120 - HOSPITAL/CLINICAL	220 - INDUSTRIAL/COMMERCIAL	KGM - KILOGRAM
125 - MINING	225 - DOMESTIC WASTEWATER TREATMENT	LBS - POUNDS
130 - INDUSTRIAL	230 - INCINERATOR RESIDUE	LTR - LITER
135 - YARD TRASH/TRASH	235 - ION RESIDUE	TON - TON
	285 - HAZARDOUS SLUDGE	MGL - MILLION GALLONS

WASTEWATER

300 - UNCLASSIFIED WASTEWATER
305 - DOMESTIC WASTEWATER
310 - INDUSTRIAL WASTEWATER
315 - REJECT WATER
320 - COOLING WATER

UNKNOWN TYPE OF WASTE

800 - UNKNOWN TYPE OF WASTE

OTHER

999 - OTHER - USE COMMENTS

HAZARDOUS WASTE

900 - UNCLASSIFIED HAZARDOUS WASTE
905 - CAUSTIC AND ACID
910 - EXPLOSIVES
915 - HEAVY METAL SOLUTIONS
920 - INORGANIC CHEMICALS
925 - ORGANIC CHEMICALS
930 - ORGANIC SOLVENTS AND OILS
935 - PAINT AND INK WASTE
940 - PESTICIDES/FUNGICIDES
945 - PATHOLOGICAL/INFECTIOUS
950 - LOW-LEVEL RADIOACTIVE
955 - MINING

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	26,287.10	TONS	
115	99.07	TONS	
130	41,722.56	TONS	
200	623.64	TONS	
220	23.70	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	68,756.07		

WASTE CODES:

SOLIDS, NON-HAZARDOUS
100 - UNCLASS. SOLID, NON-HAZARDOUS
105 - AGRICULTURAL
110 - RESIDENTIAL
115 - COMMERCIAL
120 - HOSPITAL/CLINICAL
125 - MINING
130 - INDUSTRIAL
135 - YARD TRASH/TRASH

WASTEWATER

300 - UNCLASSIFIED WASTEWATER
305 - DOMESTIC WASTEWATER
310 - INDUSTRIAL WASTEWATER
315 - REJECT WATER
320 - COOLING WATER

UNKNOWN TYPE OF WASTE

800 - UNKNOWN TYPE OF WASTE

OTHER

999 - OTHER - USE COMMENTS

SLUDGES

200 - UNCLASSIFIED SLUDGES
205 - WATER TREATMENT/LIME SOFTEN
210 - SEPTIC TANK
215 - AIR SCRUBBER
220 - INDUSTRIAL/COMMERCIAL
225 - DOMESTIC WASTEWATER TREATMENT
230 - INCINERATOR RESIDUE
235 - ION RESIDUE
295 - HAZARDOUS SLUDGE

WASTE UNIT:

CFT - CUBIC FOOT
CMT - CUBIC METER
CYD - CUBIC YARD
GAL - GALLON
KGM - KILOGRAM
LBS - POUNDS
LTR - LITER
TON - TON
MGL - MILLION GALLONS

HAZARDOUS WASTE

900 - UNCLASSIFIED HAZARDOUS WASTE
905 - CAUSTIC AND ACID
910 - EXPLOSIVES
915 - HEAVY METAL SOLUTIONS
920 - INORGANIC CHEMICALS
925 - ORGANIC CHEMICALS
930 - ORGANIC SOLVENTS AND OILS
935 - PAINT AND INK WASTE
940 - PESTICIDES/FUNGICIDES
945 - PATHOLOGICAL/INFECTIOUS
950 - LOW-LEVEL RADIOACTIVE
955 - MINING

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	27,230.41	TONS	
115	75.59	TONS	
130	41,857.83	TONS	
200	710.76	TONS	
220	23.20	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	69,897.78	TONS	

WASTE CODES:

SOLIDS, NON-HAZARDOUS
100 - UNCLASS. SOLID, NON-HAZARDOUS
105 - AGRICULTURAL
110 - RESIDENTIAL
115 - COMMERCIAL
120 - HOSPITAL/CLINICAL
125 - MINING
130 - INDUSTRIAL
135 - YARD TRASH/TRASH

WASTEWATER

300 - UNCLASSIFIED WASTEWATER
305 - DOMESTIC WASTEWATER
310 - INDUSTRIAL WASTEWATER
315 - REJECT WATER
320 - COOLING WATER

UNKNOWN TYPE OF WASTE

800 - UNKNOWN TYPE OF WASTE

OTHER

999 - OTHER - USE COMMENTS

SLUDGES
200 - UNCLASSIFIED SLUDGES
205 - WATER TREATMENT/LIME SOFTEN
210 - SEPTIC TANK
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220 - INDUSTRIAL/COMMERCIAL
225 - DOMESTIC WASTEWATER TREATMENT
230 - INCINERATOR RESIDUE
235 - ION RESIDUE
295 - HAZARDOUS SLUDGE

HAZARDOUS WASTE

900 - UNCLASSIFIED HAZARDOUS WASTE
905 - CAUSTIC AND ACID
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950 - LOW-LEVEL RADIOACTIVE
955 - MINING

WASTE UNIT:

CFT - CUBIC FOOT
CMT - CUBIC METER
CYD - CUBIC YARD
GAL - GALLON
KGM - KILOGRAM
LBS - POUNDS
LTR - LITER
TON - TON
MGL - MILLION GALLONS



RECEIVED

JAN 10 2007

NORTHEAST DISTRICT
DEP-JACKSONVILLE

TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

January 8, 2007

Ms. Mary Nogas, P.E.
Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Permit No. 0013493-010-SC
Waste Tire Processing Facility Quarterly Report, 4th Qtr. 2006**

Dear Ms. Nogas:

In accordance with specific condition 27e of the above referenced permit, please find enclosed, the Waste Tire Processing Facility Quarterly Report for Trail Ridge Landfill for the fourth calendar quarter of 2006.

Should you have any questions concerning the report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Enclosures

cc: Brian Dolihite, w/o encl.



Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title <u>Quarterly Report</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report Fourth Quarter 2006 (First quarter begins on January 1 of any given year)

1. Facility name: Trail Ridge Landfill
2. Facility mailing address: 5110 U.S. HIGHWAY 301 SOUTH
City: Baldwin County: Duval Zip: 32234-3608
3. Facility permit number: 0013493-010-SC
4. Facility telephone number (904) 289-9100
5. Authorized person preparing report: Greg Mathes
6. Affiliation with facility: Director of Landfill Operations
7. Telephone number (if different from above): ()
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	0	335			335		0
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total	0	335			335		0

- a. Explain all inventory adjustments. _____
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved? _____

For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary.

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Greg Mathes

Print Name of Authorized Agent

Greg Mathes

Signature of Authorized Agent

Jan. 8, 2007

Date

Mail complete form to
the appropriate district office

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

2006 DEC 11 A 8:37

NORTHEAST DISTRICT
JACKSONVILLE, FL

TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

December 7, 2006

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7598

**Re: Trail Ridge Landfill
Methane Monitoring Results/Fourth Qtr. 2006
FDEP Permit #0013493-010-SC
I.D. #: NED/16/00033628**

Dear Ms. Nogas:

In accordance with Specific Condition #35 of the referenced permit, enclosed please find the fourth quarter 2006 methane gas monitoring data for Trail Ridge Landfill. As indicated on the report, there was no detection of methane gas at the site.

If you have any questions, or comments concerning this report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Attachment

cc: Chris Pearson w/attachments
Brian Dolihite



GAS MONITORING REPORT

FACILITY NAME: TRAIL RIDGE LANDFILL

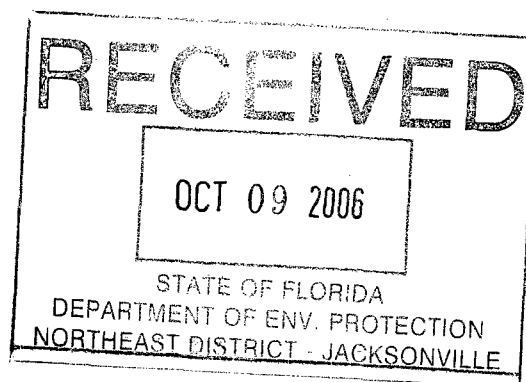
ANALYST: DAN ARMOUR	DATE: 11/14/06
GAS INSTRUMENT TYPE: MSA GAS SCOPE	SERIAL NO.: 3122
PRESSURE INSTRUMENT TYPE: N/A	SERIAL NO.:
WATER LEVEL INSTRUMENT TYPE: SLOPE INDICATOR	SERIAL NO.: 21553
WEATHER CONDITIONS: CLEAR SKY, CALM WINDS, 75-80° F	
BAROMETRIC PRESSURE: 29.808	

CALIBRATION	Response	Adjustment	Acceptable	Int.
SPAN GAS 2.5% (by vol.)	2.6	-	Y	DSA
SPAN GAS 50% (by vol.)	53	50	Y	DSA

MONITOR POINT	TIME	PRESSURE (inches w.c.)	METHANE (% by Vol. air)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-10	1607	N/A	0	0	DRY	
GP-9	1612	N/A	0	0	DRY	
GP-8	1618	N/A	0	0	DRY	
GP-7	1624	N/A	0	0	DRY	
GP-6	1630	N/A	0	0	DRY	
GM-1	1534	N/A	0	0	N/A	* Monitored Vents
GM-2	1524	N/A	0	0	N/A	cracks, conduit
GM-3	1515	N/A	0	0	N/A	and confined spaces, inside
GM-4	1557	N/A	0	0	N/A	and outside of buildings
GM-5	1546	N/A	0	0	N/A	

COMMENTS: ALL POINTS ARE PERMANENT PROBES

2006 DEC 11 A 8:37
 NORTH EAST DISTRICT
 JACKSONVILLE, FL
 STATE OF FLORIDA
 DEPARTMENT OF
 ENVIRONMENTAL
 PROTECTION



TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

October 6, 2006

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

**Re: Waste Quantities Report 3rd Quarter 2006
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for July, August and September 2006 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	28,041.48	TONS	
115	55.92	TONS	
130	44,990.74	TONS	
200	640.60	TONS	
220	29.58	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	73,758.32		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS. SOLID, NON-HAZARDOUS
- 105 - AGRICULTURAL
- 110 - RESIDENTIAL
- 115 - COMMERCIAL
- 120 - HOSPITAL/CLINICAL
- 125 - MINING
- 130 - INDUSTRIAL
- 135 - YARD TRASH/TRASH

SLUDGES

- 200 - UNCLASSIFIED SLUDGES
- 205 - WATER TREATMENT/LIME SOFTEN
- 210 - SEPTIC TANK
- 215 - AIR SCRUBBER
- 220 - INDUSTRIAL/COMMERCIAL
- 225 - DOMESTIC WASTEWATER TREATMENT
- 230 - INCINERATOR RESIDUE
- 235 - ION RESIDUE
- 295 - HAZARDOUS SLUDGE

WASTE UNIT:

- CFT - CUBIC FOOT
- CMT - CUBIC METER
- CYD - CUBIC YARD
- GAL - GALLON
- KGM - KILOGRAM
- LBS - POUNDS
- LTR - LITER
- TON - TON
- MGL - MILLION GALLONS

WASTEWATER

- 300 - UNCLASSIFIED WASTEWATER
- 305 - DOMESTIC WASTEWATER
- 310 - INDUSTRIAL WASTEWATER
- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

- 900 - UNCLASSIFIED HAZARDOUS WASTE
- 905 - CAUSTIC AND ACID
- 910 - EXPLOSIVES
- 915 - HEAVY METAL SOLUTIONS
- 920 - INORGANIC CHEMICALS
- 925 - ORGANIC CHEMICALS
- 930 - ORGANIC SOLVENTS AND OILS
- 935 - PAINT AND INK WASTE
- 940 - PESTICIDES/FUNGICIDES
- 945 - PATHOLOGICAL/INFECTIOUS
- 950 - LOW-LEVEL RADIOACTIVE
- 955 - MINING

UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: AUGUST 2006

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	28,595.79	TONS	
115	122.62	TONS	
130	46,963.61	TONS	
200	669.51	TONS	
220	46.16	TONS	
230	0.00	TONS	
		TONS	
		TONS	
		TONS	
TOTAL	76,397.69		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS. SOLID, NON-HAZARDOUS
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- 235 - ION RESIDUE
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WASTEWATER

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- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

- 900 - UNCLASSIFIED HAZARDOUS WASTE

UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	25,850.85	TONS	
115	51.33	TONS	
130	43,342.42	TONS	
200	675.37	TONS	
220	42.11	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	69,962.08		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS. SOLID, NON-HAZARDOUS
- 105 - AGRICULTURAL
- 110 - RESIDENTIAL
- 115 - COMMERCIAL
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WASTEWATER

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- 305 - DOMESTIC WASTEWATER
- 310 - INDUSTRIAL WASTEWATER
- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

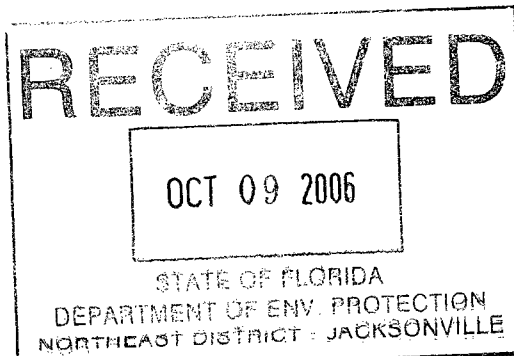
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- 905 - CAUSTIC AND ACID
- 910 - EXPLOSIVES
- 915 - HEAVY METAL SOLUTIONS
- 920 - INORGANIC CHEMICALS
- 925 - ORGANIC CHEMICALS
- 930 - ORGANIC SOLVENTS AND OILS
- 935 - PAINT AND INK WASTE
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- 945 - PATHOLOGICAL/INFECTIOUS
- 950 - LOW-LEVEL RADIOACTIVE
- 955 - MINING

UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS



TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

October 6, 2006

Ms. Mary Nogas, P.E.
Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Permit No. 0013493-010-SC
Waste Tire Processing Facility Quarterly Report, 3rd Qtr. 2006**

Dear Ms. Nogas:

In accordance with specific condition 27e of the above referenced permit, please find enclosed, the Waste Tire Processing Facility Quarterly Report for Trail Ridge Landfill for the third calendar quarter of 2006.

Should you have any questions concerning the report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Enclosures

cc: Brian Dolihite, w/o encl.





Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title <u>Quarterly Report</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report Third Quarter 2006 (First quarter begins on January 1 of any given year)

1. Facility name: Trail Ridge Landfill
2. Facility mailing address: 5110 U.S. HIGHWAY 301 SOUTH
City: Baldwin County: Duval Zip: 32234-3608
3. Facility permit number: 0013493-010-SC
4. Facility telephone number (904) 289-9100
5. Authorized person preparing report: Greg Mathes
6. Affiliation with facility: Director of Landfill Operations
7. Telephone number (if different from above): ()
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	3	310			313		0
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total	3	310			313		0

- a. Explain all inventory adjustments. _____
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved? _____

For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary.

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Greg Mathes

Print Name of Authorized Agent

Greg Mathes

Signature of Authorized Agent

Oct 6, 2006

Date

Mail complete form to
the appropriate district office

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600



England-Thims & Miller, Inc.

ENGINEERS • PLANNERS • SURVEYORS • GIS • LANDSCAPE ARCHITECTS

December 18, 2006

Ms. Melissa Long, P.E.
Compliance & Assurance Supervisor
Industrial Wastewater Section
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

Re: Trail Ridge Landfill – Annual Stormwater Pond Inspection (2006)
Permit Number 0013493-010-SC
ETM Project Number E05-191

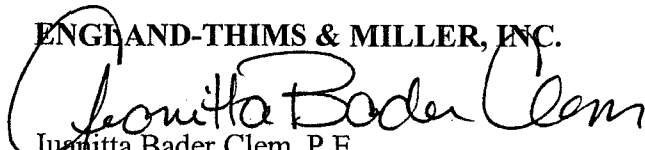
Dear Ms. Long:

In accordance with Specific Condition No. 43 B. of the referenced permit for the Trail Ridge Landfill, the annual inspection of the stormwater treatment facility (a wet detention pond) was conducted on December 15, 2006 and the pond has been found to be operating in accordance with the permitted design. Please see the attached inspection report, which has been signed and sealed in accordance with the specific condition.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

ENGLAND-THIMS & MILLER, INC.


Juanitta Bader Clem, P.E.
Vice President

Attachment

cc: Greg Mathes, Trail Ridge Landfill, Inc.
Al Burson, Trail Ridge Landfill, Inc.
Chris Pearson, City of Jacksonville
Emerson Raulerson, Solid-Waste Section, FDEP

G:\LANDFILL\TRAIL\GENERAL\STORMWATER\Annual Inspection 2006.doc

Principals

Douglas C. Miller, P.E., CEO
N. Hugh Mathews, P.E., President
Joseph A. Tarver, Exec., V.P.
Juanitta Bader Clem, P.E., V.P.
Scott A. Wild, P.E., PSM, V.P.
Samuel R. Crissinger, CFO, V.P.
Robert A. Mizell, Jr., P.E., V.P.
Thomas N. Fallin, P.E., V.P.

Emeritus

James E. England, P.E.
Robert E. Thims

RECEIVED

DEC 20 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION
NORTHEAST DISTRICT - JACKSONVILLE

ENGLAND-THIMS & MILLER, INC.

Consulting & Design Engineers
14775 Old St. Augustine Road
Jacksonville, Florida 32258

TRAIL RIDGE LANDFILL
ANNUAL STORMWATER POND INSPECTION

Attendees: Jimmy Purvis - Trail Ridge Landfill, Inc.
Dan Miller - Trail Ridge Landfill, Inc.
Jon Hamilton - England-Thims & Miller, Inc.,
Juanitta Clem - England-Thims & Miller, Inc.

Reference: Trail Ridge Landfill
ET&M Project No. 05-191

Date: December 15, 2006

Weather: Foggy and Cool (mid 60's)

Tests were performed at the Trail Ridge Landfill pump station to verify that the discharge rate is within the allowable permitted range. At the time of testing, the level of the wet detention pond supplying the pump station appeared to be at a normal water level.

The permitted discharge rate for this wet detention pond is between 2.11 CFS (947 GPM) and 2.50 CFS (1,122 GPM). Based upon the wet size (8' x 8' or 478.7 Gallons/Foot of Depth), the discharge rate into the wet well from the pond should be:

$$947 \text{ GPM} / (478.7 \text{ Gal./Ft.}) = 2.0 \text{ Ft./Min. (Min.)}$$
$$1,122 \text{ GPM} / (478.7 \text{ Gal./Ft.}) = 2.3 \text{ Ft./Min. (Max.)}$$

In order to test the system, the inlet valves in the wet well were set with both valves partially opened (4 complete revolutions on both valves). Then, the flow into the wet well was determined as follows:

<u>Depth</u>	<u>Time</u>	<u>Rise</u>
16.8 Ft.	0	0 Ft.
15.1 Ft.	30 Sec.	1.7 Ft.
13.9 Ft.	60 Sec.	1.2 Ft.
13.1 Ft.	90 Sec.	0.8 Ft.
<hr/>		
Total	1.5 Min.	3.7 Ft. =>1180.8 GPM

Since the flow rate was above the permitted maximum flow rate of 1,122 GPM, the valves were adjusted (4 complete revolutions on one valve and 3 complete revolutions on the other valve) to reduce the flow into the wet well. Then, the flow into the wet well was determined as follows:

<u>Depth</u>	<u>Time</u>	<u>Rise</u>
16.1 Ft.	0	0 Ft.
15.1 Ft.	30 Sec.	1.0 Ft.
14.1 Ft.	60 Sec.	1.0 Ft.
13.4 Ft.	90 Sec.	0.7 Ft.
<hr/>		
Total	1.5 Min.	2.7 Ft. =>861.7 GPM

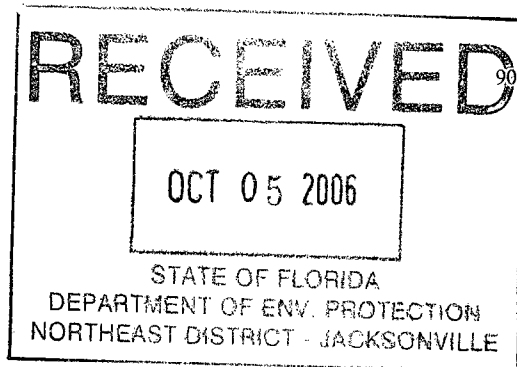
Since the flow rate was below the permitted maximum flow rate of 1,122 GPM, the valve closer to the pond was adjusted half a revolution (resulting with 4 complete revolutions on one valve and 3.5 on the other). Then, the flow into the wet well was determined as follows:

<u>Depth</u>	<u>Time</u>	<u>Rise</u>
16.2 Ft.	0	0 Ft.
15.2 Ft.	30 Sec.	1.0 Ft.
14.1 Ft.	60 Sec.	1.1 Ft.
13.0 Ft.	90 Sec.	0.9 Ft.
<hr/>		
Total	1.5 Min.	3.0 Ft. =>957.4 GPM

Since the flow rate of 957.4 GPM is within the permitted range, this discharge rate and valve configuration was deemed acceptable. The inlet valves will be operated in the partially opened position as previously described.

In conclusion, the stormwater pond is functioning according to the permitted wet detention design.

*Corretta
Bader
12/18/06*



Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

October 4, 2006

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Trail Ridge Landfill
Quarterly Leachate Generation Report
3rd Quarter 2006
FDEP Permit #0013493-010-SC
I.D. Number: NED/16/00033628**

Dear Ms. Nogas:

In accordance with Specific Condition 38 e. of the referenced permit, enclosed please find the Third Quarter 2006 Leachate Generation Report for Trail Ridge Landfill.

The leachate generation reports include daily precipitation amounts, the quantities of leachate collected from the LCRS and LDS, the amount of leachate transported to the water treatment facility.

Sincerely,

Greg Mathes
Director of Landfill Operations
North Florida Market Area

GM:lh
Encl.

cc: Chris Pearson w/encl.
Brian Dolihite, w/o encl.

Trail Ridge Landfill **Leachate/Rainfall: Third Quarter 2006**

Month	Rainfall	Primary	Secondary	Total		
				Produced	Transported	Recirculated
July	5.52	253,900	8,100	262,000	306,000	
August	4.75	308,900	8,400	317,300	486,000	
September	2.38	339,600	8,600	348,200	414,000	
QTR. TOTAL	12.65	902,400	25,100	927,500	1,206,000	

RECEIVED

OCT 05 2006

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT

Trail Ridge Landfill
Leachate/Rainfall JULY 2006

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
7/1/06				-	30,000
7/2/06				-	
7/3/06	0	17,000	-	17,000	18,000
7/4/06	0	17,200	1,000	18,200	
7/5/06	0	17,200	1,000	18,200	24,000
7/6/06	0	18,200	1,000	19,200	
7/7/06	3	19,300	900	20,200	30,000
7/8/06	1.2	18,600	-	18,600	54,000
7/9/06				-	
7/10/06	no report for Monday 7/10/06				24,000
7/11/06	0	19,500	700	20,200	
7/12/06	0	6,300	-	6,300	24,000
7/13/06	0.05	6,300	-	6,300	24,000
7/14/06	0	6,200	1,000	7,200	
7/15/06				-	
7/16/06				-	
7/17/06	0.1	20,800	-	20,800	30,000
7/18/06	0.07	5,600	100	5,700	24,000
7/19/06	0	7,100	-	7,100	
7/20/06	0	6,400	-	6,400	
7/21/06	0	5,800	1,700	7,500	
7/22/06				-	
7/23/06				-	
7/24/06	0.85	17,400	-	17,400	24,000
7/25/06	0.15	6,600	-	6,600	
7/26/06	0	5,600	-	5,600	
7/27/06	0	8,400	-	8,400	
7/28/06	0	6,400	-	6,400	
7/29/06				-	
7/30/06				-	
7/31/06	0.1	18,000	700	18,700	
TOTALS	5.52	253,900	8,100	262,000	306,000

RECEIVED

OCT 05 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION
NORTHEAST DISTRICT - JACKSONVILLE

Trail Ridge Landfill
Leachate/Rainfall AUGUST 2006

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
8/1/06	0.11	700	200	900	
8/2/06	0	1,300	-	1,300	
8/3/06	0	18,500	-	18,500	18,000
8/4/06	0	7,800	-	7,800	24,000
8/5/06				-	
8/6/06				-	
8/7/06	0.75	21,100	-	21,100	30,000
8/8/06	0	700	1,100	1,800	12,000
8/9/06	0	6,800	1,200	8,000	
8/10/06	0	1,300	-	1,300	
8/11/06	0	8,500	-	8,500	
8/12/06				-	
8/13/06				-	
8/14/06	0.67	20,300	100	20,400	54,000
8/15/06	0.03	11,800	1,200	13,000	18,000
8/16/06	0	44,100	700	44,800	30,000
8/17/06	0	32,200	500	32,700	30,000
8/18/06	0	31,900	500	32,400	54,000
8/19/06				-	24,000
8/20/06				-	
8/21/06	0.35	28,000	800	28,800	24,000
8/22/06	0	7,200	-	7,200	24,000
8/23/06	0	8,500	-	8,500	18,000
8/24/06	0	2,300	400	2,700	6,000
8/25/06	0.2	1,200	-	1,200	
8/26/06				-	
8/27/06				-	
8/28/06	2.1	32,100	600	32,700	48,000
8/29/06	0.04	9,100	1,100	10,200	24,000
8/30/06	0	5,700	-	5,700	24,000
8/31/06	0.5	7,800	-	7,800	24,000
TOTALS	4.75	308,900	8,400	317,300	486,000

RECEIVED

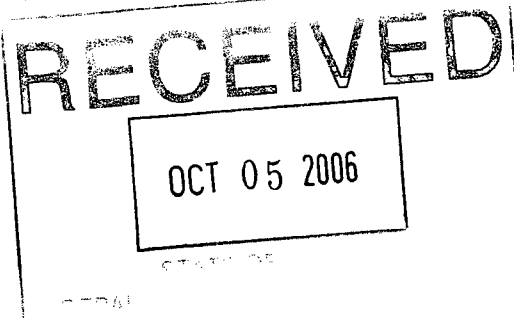
OCT 05 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION
NORTHEAST DISTRICT - JACKSONVILLE

Trail Ridge Landfill
Leachate/Rainfall SEPTEMBER 2006

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
9/1/06	0	1,100	-	1,100	
9/2/06				-	
9/3/06				-	
9/4/06	0	27,900	-	27,900	
9/5/06	0	5,600	-	5,600	12,000
9/6/06	0	9,300	1,000	10,300	30,000
9/7/06	1	10,700	-	10,700	36,000
9/8/06	0.25	5,500	600	6,100	
9/9/06				-	
9/10/06				-	
9/11/06	0.3	35,300	-	35,300	24,000
9/12/06	0	8,400	100	8,500	18,000
9/13/06	0	4,700	200	4,900	18,000
9/14/06	0	4,400	-	4,400	6,000
9/15/06		No Report For Friday 9/15/06		-	
9/16/06				-	
9/17/06				-	
9/18/06	0	77,600	600	78,200	24,000
9/19/06	0	2,000	-	2,000	24,000
9/20/06	0.4	26,200	-	26,200	54,000
9/21/06	0	11,000	-	11,000	
9/22/06	0	8,400	-	8,400	
9/23/06				-	
9/24/06				-	
9/25/06	0	26,200	-	26,200	12,000
9/26/06	0.43	22,800	-	22,800	66,000
9/27/06	0	28,500	1,300	29,800	48,000
9/28/06	0	13,100	4,300	17,400	24,000
9/29/06	0	10,900	500	11,400	18,000
9/30/06				-	
				-	
TOTALS	2.38	339,600	8,600	348,200	414,000





August 14, 2006

RECEIVED

AUG 15 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION
NORTHEAST DISTRICT JACKSONVILLE

VIA UPS NEXT DAY DELIVERY

Julia Boesch
Florida Department of Environmental Protection
Northeast District
Solid Waste Section
7825 Bay Meadows Way, Suite B200
Jacksonville, FL 32256

(904) 807-3356

**RE: Trail Ridge Landfill (Annual Survey)
Permit # 0013493-010-SC
Second Submittal**

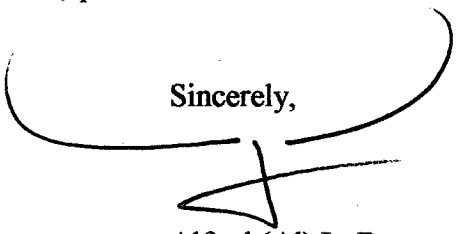
Dear Ms. Boesch:

Per your request, please find enclosed the following documents for the Trail Ridge Landfill:

1. The Report of Aerial Topographic Survey;
2. The 2006 Airspace Report;
3. A large-scale aerial map.

If additional information is required, please feel free to contact me at (386) 984-6608 or at aburson@wm.com.

Sincerely,


Alfred (Al) L. Burson, Sr.
Environmental Protection Manager
Waste Management of North Florida

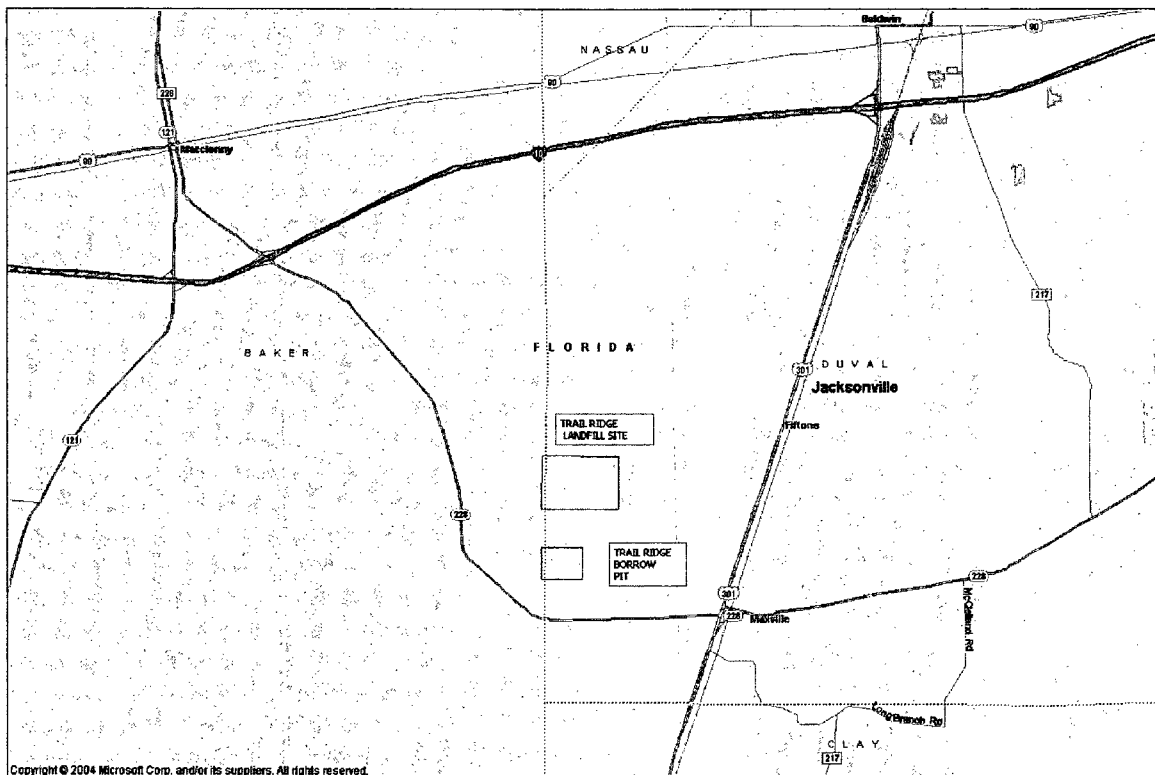
AB/ab

Enclosures

Cc w/o enclosures: Linda Hair

**REPORT OF AERIAL TOPOGRAPHIC SURVEY
TRAIL RIDGE LANDFILL
DUVAL COUNTY, FLORIDA
MARCH 23, 2006**

**CHARLES E. PORTER
PROFESSIONAL SURVEYOR AND MAPPER NO.4257
26102 Nimbleton Square
Chantilly, Virginia 20152
703-200-2240
CEPortersrPLS@aol.com**



**VICINITY MAP
NOT TO SCALE**

Topographic Survey:

This document has been prepared in accordance with Chapter 61G17-6 of the Florida State Department of Business and Professional Regulation code, which addresses minimum technical standards and mapping industry.

NOTE: THIS REPORT AND ACCOMPANING MAP ARE NOT FULL AND COMPLETE WITHOUT THE OTHER, AND ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

Charles E. Porter, PSM No. 4257
Project Name: Trail Ridge Landfill, Duval County, Florida
Title/Type of Survey: Aerial Topographic Survey
Date of Imagery 02/08/06
Scale of Aerial Photography: 1:6000

Photogrammetric methods were used in the performance of this Topographic Survey. The accuracy of this survey was tested and verified by:

Charles E. Porter
Professional Surveyor and Mapper
26102 Nimbleton Square
Chantilly, Virginia 20152
Tel: 703-200-2240
Email: CEPortersrpls@aol.com

This accuracy survey was performed for:

Air Survey
45180 Business Court
Dulles, Virginia 20166-6706
Tel: 703-471-4510
Fax: 703-471-6810

Additions or deletions to the report or maps by other than the signing party are forbidden without the consent of the signing party. The maps and report are not full and complete without the other.

Methods:

All map data were collected using Photogrammetric methodology from aerial photography dated 02/08/06 acquired at an altitude of 3000' above mean terrain to produce a photo scale of 1:6000 (1"=500'). Fully analytical stereo plotter instruments were used in the collection of digital data with Photogrammetric software specifically designed for the extraction of positional information from stereo imagery.

The relative location of the site improvements (i.e. roads, trails, streets, fences, buildings, and drainage features) has been accurately portrayed with

respect to the ground control survey. Planimetric features and details were collected commensurate with the final output map scale and the ability of the operator to see and interpret these features from the photography. Areas where the ground is masked due the heavy vegetation have been labeled and identified with dashed contours. These areas should be field-verified prior to any design work being preformed.

Data Sources:

The horizontal and vertical control used for this project was obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248. The photography used for this project was obtained on February 08, 2006.

Vertical Datum:

The vertical datum is NGVD 1929. Elevations are based on site benchmarks obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248.

The horizontal datum is Florida Coordinate System, East Zone, and NAD 1983. All horizontal and vertical ground control and map data is expressed in U.S. Survey Feet.

Accuracies:

The maps and digital files for this project meet the Minimum Technical Standards of the State of Florida:

- ◆ At least 90% of the ground point elevations of well-defined features contained in this map have been measured to an estimated vertical positional accuracy of: +/-1.0 feet.
- ◆ The survey-measured verses ground truth coordinates of at least 90% of well-defined features contained in this survey and map have been measured to an estimated horizontal positional accuracy of: +/-2.5 feet.

Horizontal and vertical accuracy is determined from the absolute orientation solution, which is based upon ground control values received from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

Digital mapping and/or coordinate data files are intended to be displayed at a scale of 1:1200 (1"=100') or smaller.

Intended Features:

All features identified by the mapping limits as indicated on the aerial photography contact points were intended to be surveyed and mapped in their entirety. All line drawn features are shown to scale. Symbols do not represent the actual size of the object. Refer to the Map Legend in the digital file for the cartographic representation of each feature.

This mapping should be used for preliminary design work only, and should not replace an actual field run survey where the required accuracy is greater than the accuracy stated in this report.

This survey is restricted to the active areas of the landfill for which the company contracted to update. No responsibility, expressed or implied, is assumed for the areas outside this scope.

The signing party assumes no responsibility of the accuracy of the ground control or the boundary information provided by England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

To the best of my knowledge and belief, based on my review, all of the products meet the accuracy and quality standards as required.

Prepared for:

Air Survey
45180 Business Court
Dulles, Virginia 20166-6706

Certification:

To the best of my knowledge this survey and report meet all applicable requirements of the Florida Minimum Technical Standards as contained in Chapter 61G17-6 FAC pursuant to Section 472.027 Florida Statutes.

Surveyor and Mapper in Responsible Charge:

Charles E. Porter
Professional Surveyor and Mapper
License Number LS 4257

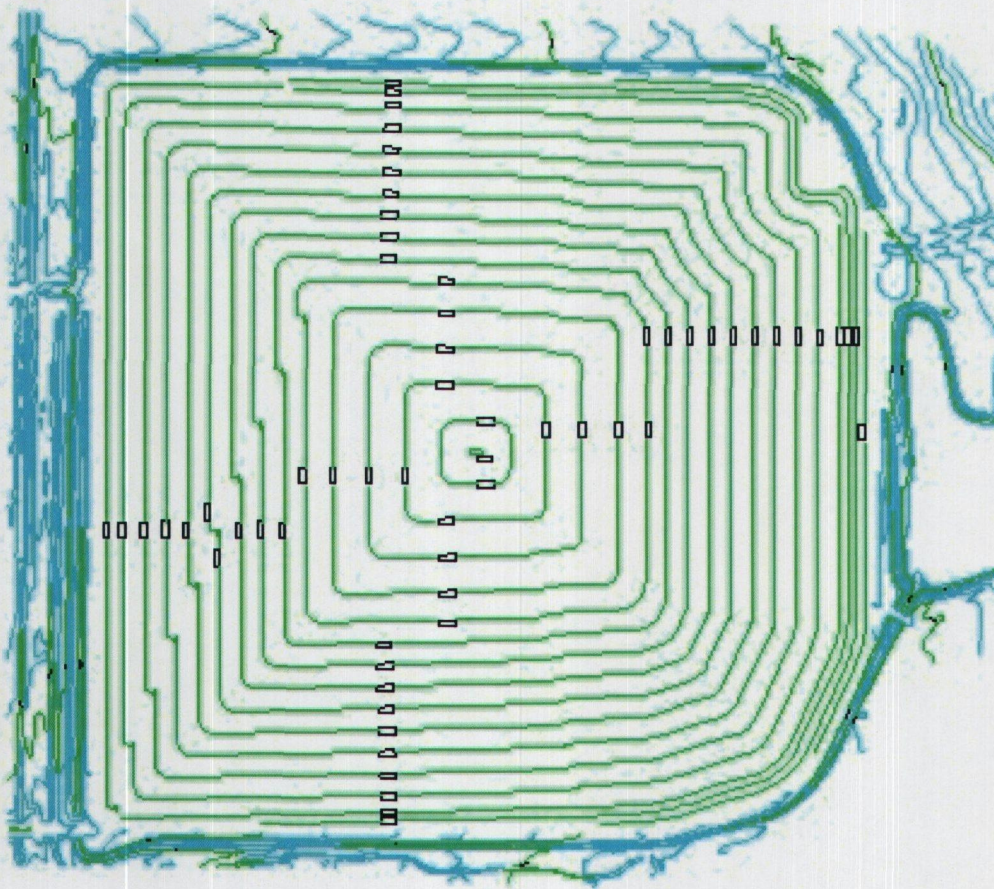
Signed: 

Seal: 



WASTE MANAGEMENT

TRAIL RIDGE LANDFILL




2006 Airspace Report

TRAIL RIDGE LANDFILL
TABLE OF CONTENTS

SHEETS 1-3	VOLUME CALCULATIONS & AUF PREDICTION MODEL
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DRAWING 2	2006 TOPOGRAPHY (FLOWN 2-8-06)
DRAWING 3	PERMITTED FINAL GRADES BY ENGLAND, THIMS & MILLER
DRAWING 4	ISOPACH BETWEEN 2005 TOPO. AND 2006 TOPO.
DRAWING 5	ISOPACH BETWEEN 2006 TOPO. AND FINAL GRADES
DRAWING 6	BORROW AREA ISOPACH BETWEEN 2005 TOPO. AND 2006 TOPO.

2006 SITE DATA AND REPORT SUMMARY

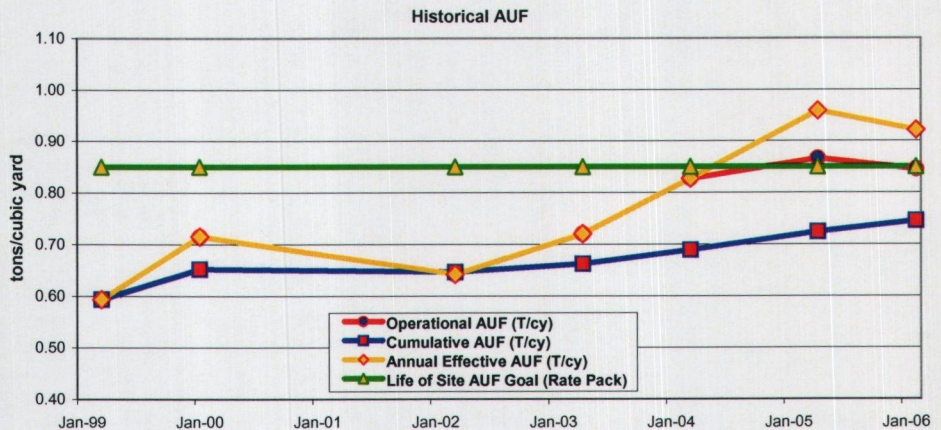
	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Trail Ridge Landfill										Business Unit 2487		
2											LF Section No. 00		
3													
4											Site Data		
5	Site Name		Trail Ridge Landfill										
6	Section Name												
7	Street Address		5110 U.S. Hwy 301										
8	City		Baldwin										
9	State (2-letter code)		FL		Zip		32234						
10	Group		Southern										
11	Annual Precipitation, in.		53										
12													
13	Prepared By:		Title		Phone No.								
14	Brian Dolihte		MA Engineer		850-301-2823								
15	Terri Garcia		SR. CAD Tech.		713-328-7331								
16													
17													
18													
19													
20													
21													
22	Landfill Areas (acres)					2006 Flyover Date		2005 Flyover Date		2004 Flyover Date		2003 Flyover Date	
23						8-Feb-06		4-Apr-05		28-Mar-04		3-Apr-03	
24	Total Property Area controlled by WM					975.0		975.0		0.0		0.0	
25	Permitted waste footprint					154.0		154.0		0.0		0.0	
26	Expansion waste footprint (sum of all phases)					0.0		0.0		0.0		0.0	
27	Total waste footprint					154.0		154.0		0.0		0.0	
28	Area with waste in place					154.0		154.0		0.0		0.0	
29	Remaining area without waste in place					0.0		0.0		0.0		0.0	
30	Total lined area					154.0		154.0		0.0		0.0	
31	Area filled to final waste elevation					37.5		37.5		0.0		0.0	
32	Total capped area					23.5		23.5		0.0		0.0	
33	Permitted Design Capacities (bcy)												
34	Permitted design capacity (waste & daily cover)					23,927,440		23,927,440		0		0	
35	Adjustments (permitted design modifications)					0		0		0		0	
36													
37	Remaining Permitted Capacity (bcy)												
38	Remaining permitted airspace (waste & daily cover)					10,718,295		11,653,360		0		0	
39	Expansion airspace					0		0		0		0	
40	Total remaining airspace (waste & daily cover)					10,718,295		11,653,360		0		0	
41	Remaining Airspace Utilization Factor					0.85		0.85		0.00		0.00	
42	Remaining permitted tonnage					9,110,551		9,905,356		0		0	
43	Expansion tonnage					0		0		0		0	
44	Total remaining tonnage (at current flyover date)					9,110,551		9,905,356		0		0	
45													
46	Remaining Constructed Capacity Above Current Lined Areas (bcy)												
47	Remaining constructed airspace (waste & d.c.)					10,718,115		11,653,360		0		0	
48	Remaining constructed tonnage					9,110,398		9,905,356		0		0	
49													
50	Soil Summary (bcy)												
51	Remaining material available from excavation					0		0		0		0	
52	Material available from off-site borrow areas					0		0		0		0	
53	Material available from stockpiles					180		32,950		0		0	
54	Total Soil Available					180		32,950		0		0	
55	Remaining final cover material					856,490		856,490		0		0	
56	Remaining liner material					0		0		0		0	
57	Material required for backfilling at excavation					0		0		0		0	
58	Remaining perimeter berm					0		0		0		0	
59	Daily Cover % from workbook					20%		0%		0%		0%	
60	Total Soil Required (excludes daily cover)					856,490		856,490		0		0	

2006 SITE DATA AND REPORT SUMMARY

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Airspace Consumption						2006 Flyover Date	2005 Flyover Date	2004 Flyover Date	2003 Flyover Date				
2							8-Feb-06	4-Apr-05	28-Mar-04	3-Apr-03				
3	Waste received in period (tons)						861,845	999,299	0	0				
4	Operational consumed (cy) (waste & daily cover)						1,019,105	1,153,155	0	0				
5	Effective consumed (cy) (waste & daily cover)						935,065	1,041,875	0	0				
6	Final cover consumption (cy)													
7	Final cover in place at previous flyover						180,265	180,265	0	0				
8	Final cover put down between flyovers						0	0	0	0				
9	Final cover in place at current flyover						180,265	180,265	0	0				
10	Liner material consumption (cy)													
11	Liner in place at previous flyover						621,150	621,150	0	0				
12	Liner put down between flyovers						0	0	0	0				
13	Liner in place at current flyover						621,150	621,150	0	0				
14														
15	A.U.F. (operational)													
16	Airspace utilization factor (T/CY)						0.85	0.87	0.00	0.00				
17	Airspace utilization factor (Lbs/CY)						1,691	1,733	0	0				
18														
19	A.U.F. (effective)													
20	Airspace utilization factor (T/CY)						0.92	0.96	0.00	0.00				
21	Airspace utilization factor (Lbs/CY)						1,843	1,918	0	0				
22														
23	A.U.F. (prediction model)													
24	Remaining airspace utilization factor (T/CY)						0.96	0.86	0.00	0.00				
25	Remaining airspace utilization factor (Lbs/CY)						1,929	1,720	0	0				
26														
27	Tonnage and Site Life						Trail Ridge Landfill							
28	(Tons provided by WM PMT)													
29		FLYOVER DATE	ACTUAL TONNAGE DURING PERIOD	ADDITIONAL TONNAGE (PROJECTIONS ONLY)	Date of Survey	Operational Consumed Volume (cu.yd.)	Effective Consumed Volume (cu.yd.)	Total In-Place Volume (cu.yd.)	Waste Received In Period (tons)	Total In-Place Tonnage	Operational AUF (T/cy)	Annual Effective AUF (T/cy)	Cumulative AUF (T/cy)	Life of Site AUF Goal (Rate Pack)
30	JAN	-	-	-	3/23/1999	921,188	921,188	921,188	547,516	547,516	0.59	0.59	0.59	0.85
31	FEB	-	-	-	1/21/2000	847,337	847,337	1,768,525	606,272	1,153,788	0.72	0.72	0.65	0.85
32	MAR	-	-	-	3/15/2002	2,757,648	2,757,648	4,526,173	1,771,910	2,925,698	0.64	0.64	0.65	0.85
33	APR	4/4/05	73,857	-	4/3/2003	1,248,460	1,248,460	5,774,633	899,759	3,825,457	0.72	0.72	0.66	0.85
34	MAY	-	84,048	-	3/28/2004	1,105,647	1,105,647	6,880,280	915,139	4,740,596	0.83	0.83	0.69	0.85
35	JUNE	-	88,913	-	4/4/2005	1,153,155	1,041,875	7,922,155	999,299	5,739,895	0.87	0.96	0.72	0.85
36	JULY	-	84,989	-	2/8/2006	1,019,105	935,065	8,857,220	861,845	6,601,740	0.85	0.92	0.75	0.85
37	AUG	-	96,225	-										
38	SEPT	-	84,896	-										
39	OCT	-	79,308	-										
40	NOV	-	79,655	-										
41	DEC	-	82,242	-										
42	JAN	-	86,011	-										
43	FEB	2/8/06	21,702	-										
44	MAR	-	-	-										
45	APR	-	-	-										
46	MAY	-	-	-										
47	JUNE	-	-	-										
48	JULY	-	-	-										
49	AUG	-	-	-										
50	SEPT	-	-	-										
51	OCT	-	-	-										
52	NOV	-	-	-										
53	DEC	-	-	-										
54	TOTAL TONS:		861,845											
55														
56														
57	Comments													
58	1. Final cover thickness: 4 ft.													
59	2. Liner thickness: 2.5 ft.; 6" CLAY, GCL, 2' OPS. LAYER													
60														
61														
62														
63														
64														
65														

Historical AUF

Date	Operational AUF (T/cy)	Cumulative AUF (T/cy)	Annual Effective AUF (T/cy)	Life of Site AUF Goal (Rate Pack)
Jan-99	0.59	0.59	0.59	0.85
Jan-00	0.65	0.65	0.72	0.85
Jan-01	0.65	0.65	0.64	0.85
Jan-02	0.65	0.65	0.64	0.85
Jan-03	0.69	0.69	0.72	0.85
Jan-04	0.87	0.87	0.96	0.85
Jan-05	0.85	0.85	0.92	0.85
Jan-06	0.85	0.85	0.92	0.85



AUF Prediction Model

Landfill Name

Trail Ridge Landfill

District No.

?

Engineer

?

Date Completed

?

auto input

Input cells

Output cells

no data required

INPUT

Landfill Information Input

Average annual precipitation, in.

53

from rate workbook or climate map

Leachate recirculation? No = 1, Yes = 2

1

from site engineer

Waste Stream Composition, %

MSW

?

C&D

?

Sludge

?

Contaminated Soil / foundry sand

?

Other waste

?

Cover soil ratio, %

?

Remaining Airspace Input

Remaining Airspace, bank cubic yards

10,718,295

from air report

Remaining Area with capacity (partial & no fill), acres

116.5

from air report

Typical time to fill from base grade to final grade, years

5

from rate workbook or site engineer

Existing Landfill AUF Input

AUF from initial compaction (tons/bcy)

0.81

3 year average of operational AUF

OUTPUT

AUF after Primary Settlement, tons/bcy

0.90

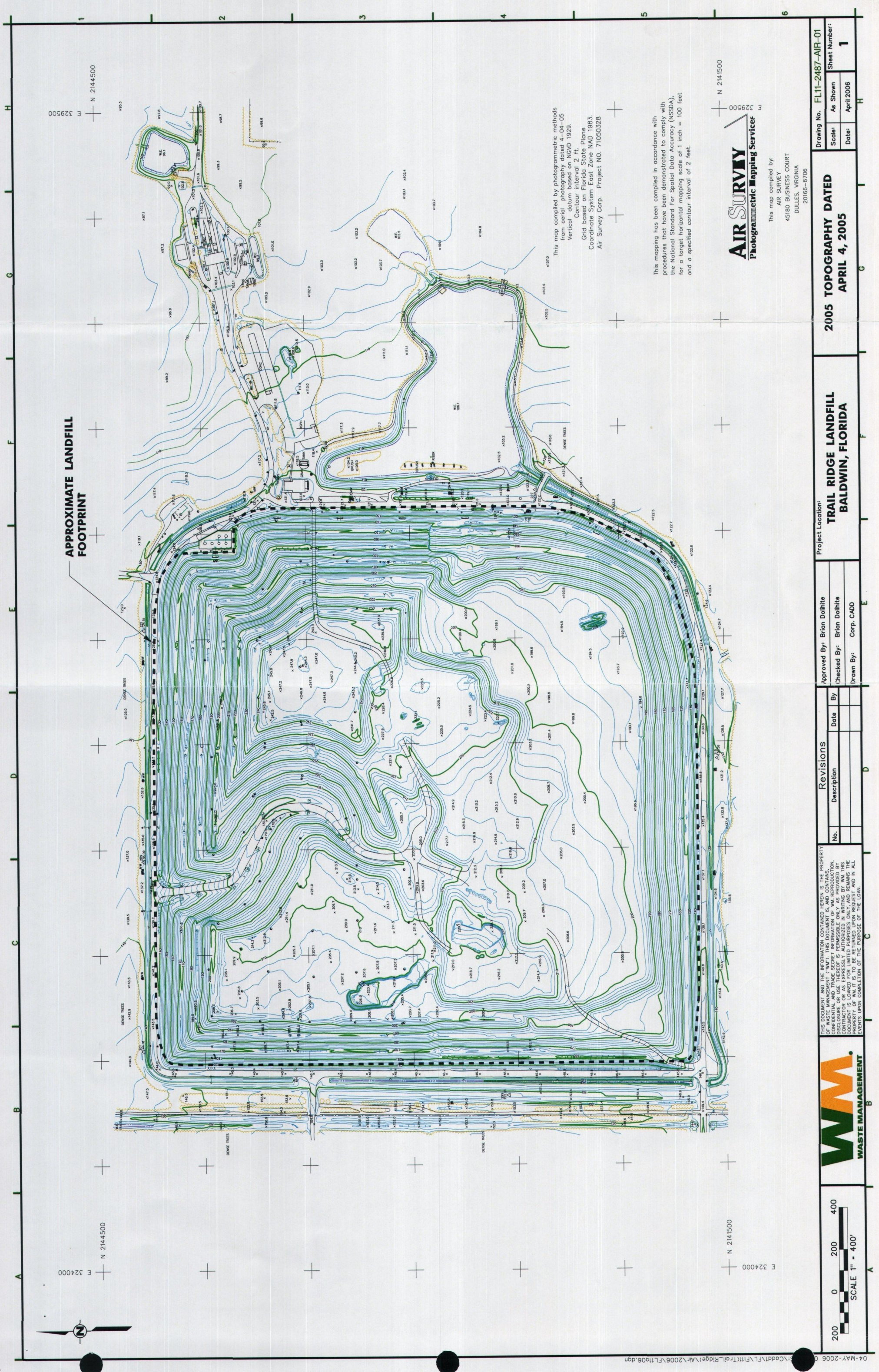
Secondary Settlement AUF Increase, %

7.5

Predicted Remaining AUF

0.96

See
Instruction
Sheet for Rate
Workbook
Locations for
Input
Information




APPROXIMATE LANDFILL
FOOTPRINT

This map compiled by photogrammetric methods
from aerial photography dated 4-04-05
Vertical datum based on NGVD 1929.
Contour interval 2 ft.
Grid based on Florida State Plane
Coordinate System East Zone NAD 1983.
Air Survey Corp. Project NO. 71050328

This mapping has been compiled in accordance with
procedures that have been demonstrated to comply with
the National Standard For Spatial Data Accuracy (NSDA),
for a target horizontal mapping scale of 1 inch = 100 feet
and a specified contour interval of 2 feet.

AIR SURVEY
Photogrammetric Mapping Services

This map compiled by:
AIR SURVEY
45180 BUSINESS COURT
DULLES, VIRGINIA
20166-6706



WASTE MANAGEMENT

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EVENTS UPON COMPLETION OF THE PURPOSE OF THE LOAN.

200 0 200 400
SCALE 1" = 400'

Revisions	
No.	Description

Approved By: Brian Dollhite
Checked By: Brian Dollhite
Drawn By: Corp. CADD

Project Location:
**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

2005 TOPOGRAPHY DATED
APRIL 4, 2005

Drawing No. FL11-2487-AIR-01	Sheet Number: 1
Scale: As Shown	Date: April 2006

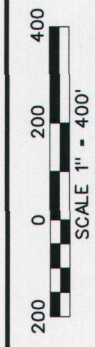


E 324000

N 2144500

E 324000

N 2141500



APPROXIMATE LANDFILL
FOOTPRINT



This map compiled by photogrammetric methods from aerial photography dated 2-08-06. Vertical contour interval 2 ft. Grid based on Florida State Plane Coordinate System East Zone NAD 1983. Air Survey Corp. Project NO. 71060173

Dashed contours indicate that ground is partially obscured by vegetation or shadows. These areas may not meet standard accuracy and require field testing/completion.

This mapping has been compiled in accordance with procedures that have been demonstrated to comply with the National Standard For Spatial Data Accuracy (NSDDA), for a target horizontal mapping scale of 1 inch = 100 feet and a specified contour interval of 2 feet.

AIR SURVEY
Photogrammetric Mapping Services

This map compiled by:
AIR SURVEY
4880 BUSINESS COURT
DULLES, VIRGINIA
20188-9706

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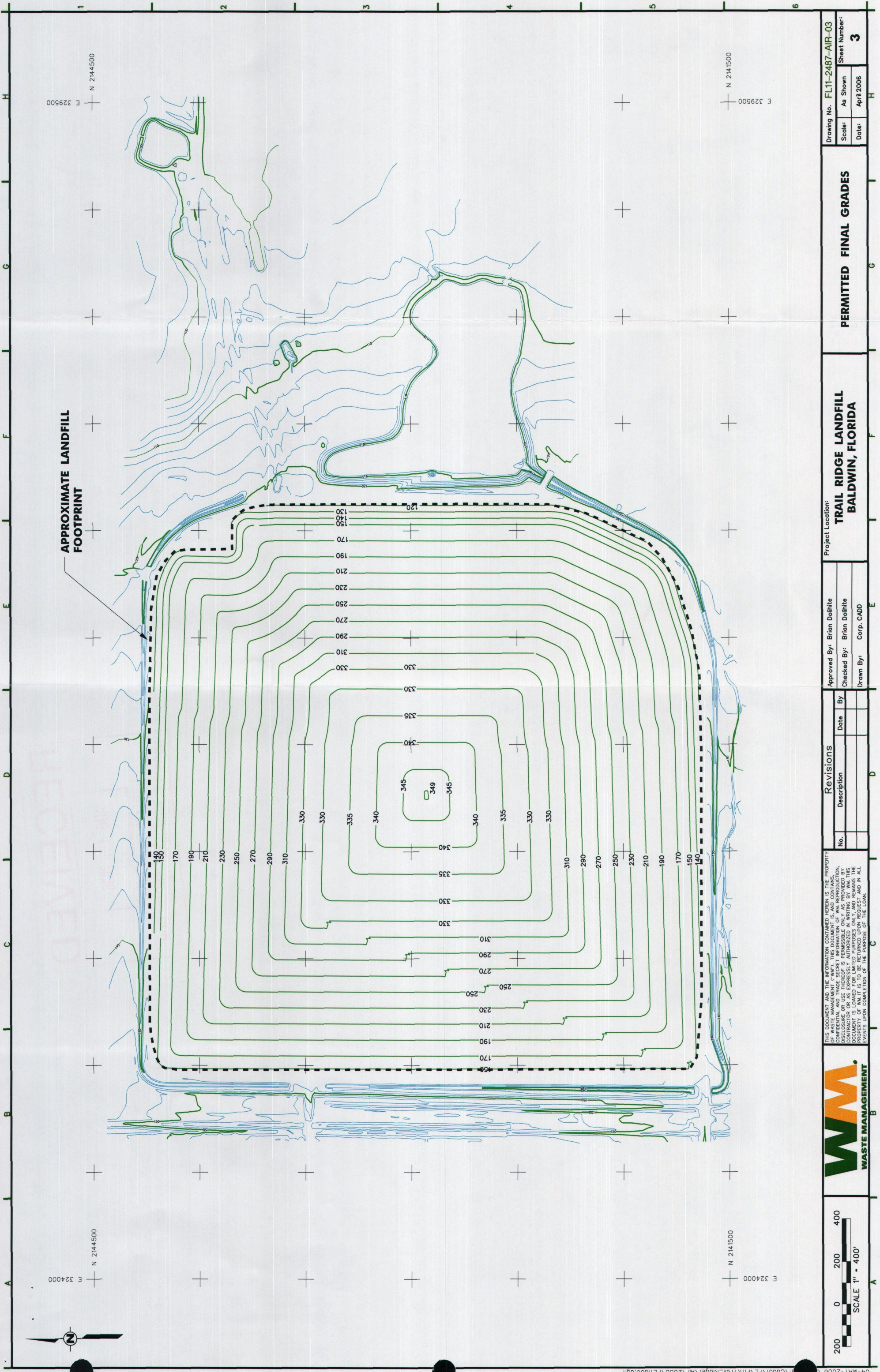


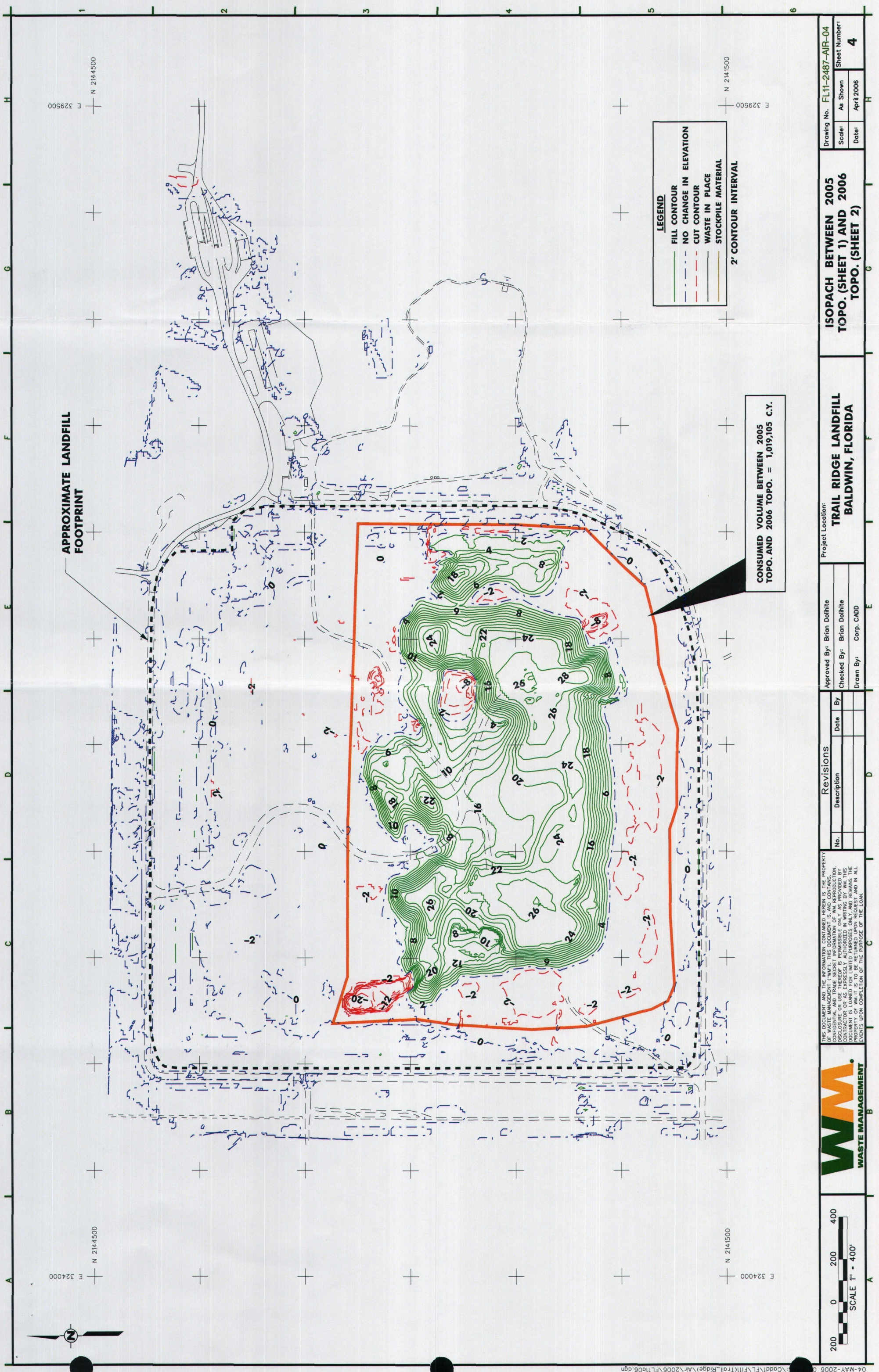
No.	Description	Date	By

Approved By: Brian Dolittle
Checked By: Brian Dolittle
Drawn By: Corp. CADD

Project Location:
TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA

Drawing No. **FL11-2487-AIR-02**
Scale: As Shown
Date: April 2006
Sheet Number: **2**





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Revisions	
No.	Description

Approved By: Brian Dolhite
Checked By: Brian Dolhite
Drawn By: Corp. CAD

Project Location:

**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

**ISOPACH BETWEEN 2005
TOPO. (SHEET 1) AND 2006
TOPO. (SHEET 2)**

Drawing No. FL11-2487-AIR-04	
Scale:	As Shown
Date:	April 2006
Sheet Number: 4	



August 14, 2006

RECEIVED

AUG 15 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION
NORTHEAST DISTRICT JACKSONVILLE

VIA UPS NEXT DAY DELIVERY

Julia Boesch
Florida Department of Environmental Protection
Northeast District
Solid Waste Section
7825 Bay Meadows Way, Suite B200
Jacksonville, FL 32256

(904) 807-3356

**RE: Trail Ridge Landfill (Annual Survey)
Permit # 0013493-010-SC
Second Submittal**

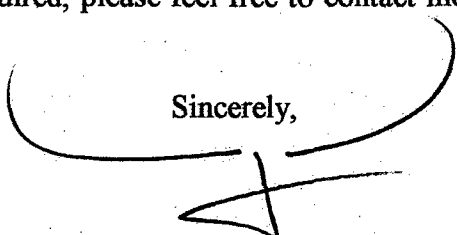
Dear Ms. Boesch:

Per your request, please find enclosed the following documents for the Trail Ridge Landfill:

1. The Report of Aerial Topographic Survey;
2. The 2006 Airspace Report;
3. A large-scale aerial map.

If additional information is required, please feel free to contact me at (386) 984-6608 or at aburson@wm.com.

Sincerely,


Alfred (Al) L. Burson, Sr.
Environmental Protection Manager
Waste Management of North Florida

AB/ab

Enclosures

Cc w/o enclosures: Linda Hair

The map shows the Jacksonville area in Florida. Major highways include I-95 running north-south, I-10 running east-west, and I-295 running north-south. Baker County is to the west, Duval County is to the east, and Clay County is to the south. The Trail Ridge Landfill Site is marked with a rectangle near the intersection of I-95 and I-10. The Trail Ridge Borrow Pit is marked with a rectangle near the intersection of I-95 and I-295. Other labels include Nassau, Macclenny, Jacksonville, Titons, Merrillville, and Long Branch Rd.

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Topographic Survey:

This document has been prepared in accordance with Chapter 61G17-6 of the Florida State Department of Business and Professional Regulation code, which addresses minimum technical standards and mapping industry.

NOTE: THIS REPORT AND ACCOMPANING MAP ARE NOT FULL AND COMPLETE WITHOUT THE OTHER, AND ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

Charles E. Porter, PSM No. 4257
Project Name: Trail Ridge Landfill, Duval County, Florida
Title/Type of Survey: Aerial Topographic Survey
Date of Imagery 02/08/06
Scale of Aerial Photography: 1:6000

Photogrammetric methods were used in the performance of this Topographic Survey. The accuracy of this survey was tested and verified by:

Charles E. Porter
Professional Surveyor and Mapper
26102 Nimbleton Square
Chantilly, Virginia 20152
Tel: 703-200-2240
Email: CEPortersrpls@aol.com

This accuracy survey was performed for:

Air Survey
45180 Business Court
Dulles, Virginia 20166-6706
Tel: 703-471-4510
Fax: 703-471-6810

Additions or deletions to the report or maps by other than the signing party are forbidden without the consent of the signing party. The maps and report are not full and complete without the other.

Methods:

All map data were collected using Photogrammetric methodology from aerial photography dated 02/08/06 acquired at an altitude of 3000' above mean terrain to produce a photo scale of 1:6000 (1"=500'). Fully analytical stereo plotter instruments were used in the collection of digital data with Photogrammetric software specifically designed for the extraction of positional information from stereo imagery.

The relative location of the site improvements (i.e. roads, trails, streets, fences, buildings, and drainage features) has been accurately portrayed with

respect to the ground control survey. Planimetric features and details were collected commensurate with the final output map scale and the ability of the operator to see and interpret these features from the photography. Areas where the ground is masked due to the heavy vegetation have been labeled and identified with dashed contours. These areas should be field-verified prior to any design work being performed.

Data Sources:

The horizontal and vertical control used for this project was obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248. The photography used for this project was obtained on February 08, 2006.

Vertical Datum:

The vertical datum is NGVD 1929. Elevations are based on site benchmarks obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248.

The horizontal datum is Florida Coordinate System, East Zone, and NAD 1983. All horizontal and vertical ground control and map data is expressed in U.S. Survey Feet.

Accuracies:

The maps and digital files for this project meet the Minimum Technical Standards of the State of Florida:

- ◆ At least 90% of the ground point elevations of well-defined features contained in this map have been measured to an estimated vertical positional accuracy of: ± 1.0 feet.
- ◆ The survey-measured versus ground truth coordinates of at least 90% of well-defined features contained in this survey and map have been measured to an estimated horizontal positional accuracy of: ± 2.5 feet.

Horizontal and vertical accuracy is determined from the absolute orientation solution, which is based upon ground control values received from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

Digital mapping and/or coordinate data files are intended to be displayed at a scale of 1:1200 (1"=100') or smaller.

Intended Features:

All features identified by the mapping limits as indicated on the aerial photography contact points were intended to be surveyed and mapped in their entirety. All line drawn features are shown to scale. Symbols do not represent the actual size of the object. Refer to the Map Legend in the digital file for the cartographic representation of each feature.

This mapping should be used for preliminary design work only, and should not replace an actual field run survey where the required accuracy is greater than the accuracy stated in this report.

This survey is restricted to the active areas of the landfill for which the company contracted to update. No responsibility, expressed or implied, is assumed for the areas outside this scope.

The signing party assumes no responsibility of the accuracy of the ground control or the boundary information provided by England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

To the best of my knowledge and belief, based on my review, all of the products meet the accuracy and quality standards as required.

Prepared for:

Air Survey
45180 Business Court
Dulles, Virginia 20166-6706

Certification:

To the best of my knowledge this survey and report meet all applicable requirements of the Florida Minimum Technical Standards as contained in Chapter 61G17-6 FAC pursuant to Section 472.027 Florida Statutes.

Surveyor and Mapper in Responsible Charge:

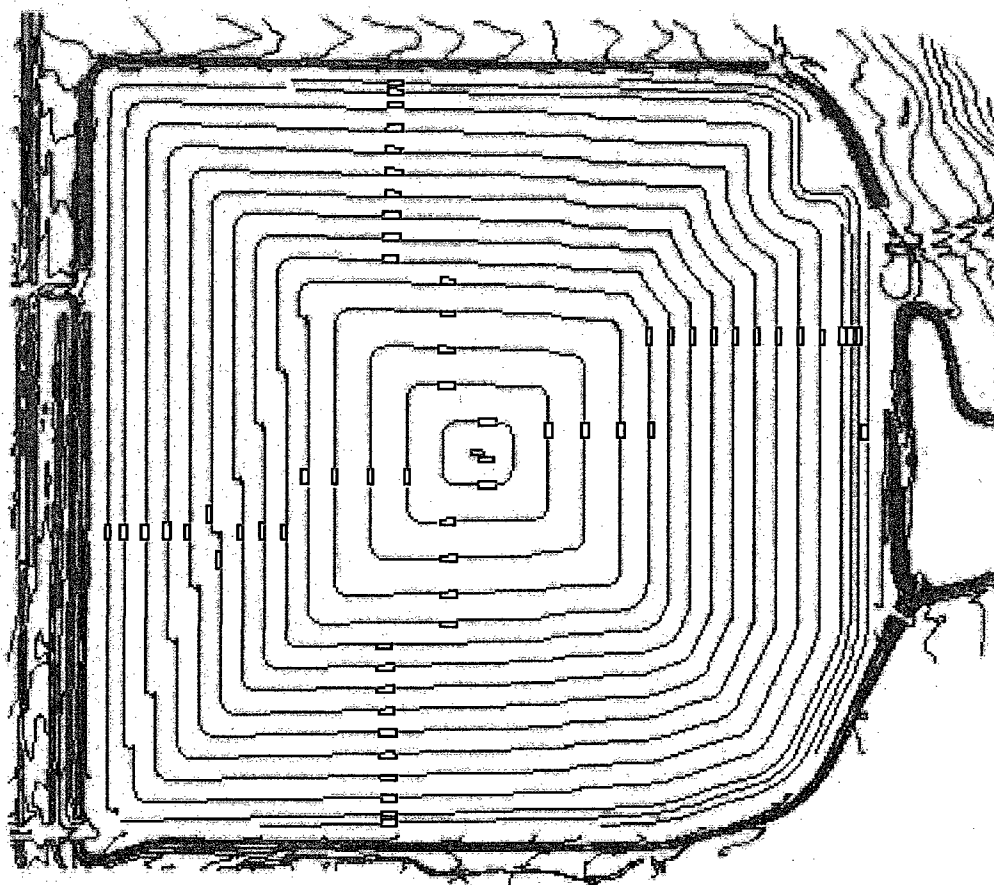
Charles E. Porter
Professional Surveyor and Mapper
License Number LS 4257

Signed:  03/23/06 Seal:



WASTE MANAGEMENT

TRAIL RIDGE LANDFILL




2006 Airspace Report

TRAIL RIDGE LANDFILL

TABLE OF CONTENTS

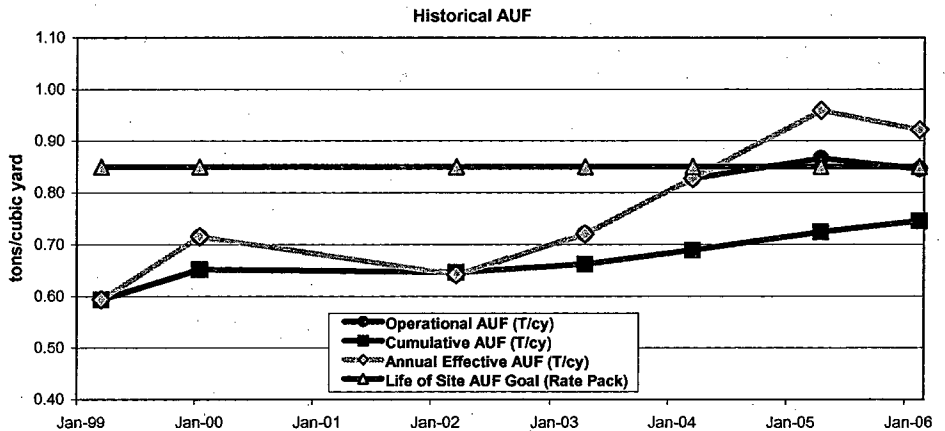
SHEETS 1-3	VOLUME CALCULATIONS & AUF PREDICTION MODEL
DRAWING 1	2005 TOPOGRAPHY (FLOWN 4-4-05)
DRAWING 2	2006 TOPOGRAPHY (FLOWN 2-8-06)
DRAWING 3	PERMITTED FINAL GRADES BY ENGLAND, THIMS & MILLER
DRAWING 4	ISOPACH BETWEEN 2005 TOPO. AND 2006 TOPO.
DRAWING 5	ISOPACH BETWEEN 2006 TOPO. AND FINAL GRADES
DRAWING 6	BORROW AREA ISOPACH BETWEEN 2005 TOPO. AND 2006 TOPO.

2006 SITE DATA AND REPORT SUMMARY

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Trail Ridge Landfill										Business Unit 2487		
2											LF Section No. 00		
3													
4											Site Data		
5	Site Name		Trail Ridge Landfill										
6	Section Name												
7	Street Address		5110 U.S. Hwy 301										
8	City		Baldwin										
9	State (2-letter code)		FL		Zip		32234						
10	Group		Southern										
11	Annual Precipitation, in.		53										
12													
13	Prepared By:		Title		Phone No.								
14	Brian Dolihite		MA Engineer		850-301-2823								
15	Terri Garcia		SR. CAD Tech		713-328-7331								
16													
17													
18													
19													
20													
21													
22	Landfill Areas (acres)					2006 Flyover Date	2005 Flyover Date	2004 Flyover Date	2003 Flyover Date				
23						8-Feb-06	4-Apr-05	28-Mar-04	3-Apr-03				
24	Total Property Area controlled by WM					975.0	975.0	0.0	0.0				
25	Permitted waste footprint					154.0	154.0	0.0	0.0				
26	Expansion waste footprint (sum of all phases)					0.0	0.0	0.0	0.0				
27	Total waste footprint					154.0	154.0	0.0	0.0				
28	Area with waste in place					154.0	154.0	0.0	0.0				
29	Remaining area without waste in place					0.0	0.0	0.0	0.0				
30	Total lined area					154.0	154.0	0.0	0.0				
31	Area filled to final waste elevation					37.5	37.5	0.0	0.0				
32	Total capped area					23.5	23.5	0.0	0.0				
33													
34	Permitted Design Capacities (bcy)												
35	Permitted design capacity (waste & daily cover)					23,927,440	23,927,440	0	0				
36	Adjustments (permitted design modifications)					0	0	0	0				
37													
38	Remaining Permitted Capacity (bcy)												
39	Remaining permitted airspace (waste & daily cover)					10,718,295	11,653,360	0	0				
40	Expansion airspace					0	0	0	0				
41	Total remaining airspace (waste & daily cover)					10,718,295	11,653,360	0	0				
42	Remaining Airspace Utilization Factor					0.85	0.85	0.00	0.00				
43	Remaining permitted tonnage					9,110,551	9,905,356	0	0				
44	Expansion tonnage					0	0	0	0				
45	Total remaining tonnage (at current flyover date)					9,110,551	9,905,356	0	0				
46													
47	Remaining Constructed Capacity Above Current Lined Areas (bcy)												
48	Remaining constructed airspace (waste & d.c.)					10,718,115	11,653,360	0	0				
49	Remaining constructed tonnage					9,110,398	9,905,356	0	0				
50													
51	Soil Summary (bcy)												
52	Remaining material available from excavation					0	0	0	0				
53	Material available from off-site borrow areas					0	0	0	0				
54	Material available from stockpiles					180	32,950	0	0				
55	Total Soil Available					180	32,950	0	0				
56	Remaining final cover material					856,490	856,490	0	0				
57	Remaining liner material					0	0	0	0				
58	Material required for backfilling at excavation					0	0	0	0				
59	Remaining perimeter berm					0	0	0	0				
60	Daily Cover % from workbook					20%	0%	0%	0%				
61	Total Soil Required (excludes daily cover)					856,490	856,490	0	0				

2006 SITE DATA AND REPORT SUMMARY

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Airspace Consumption						2006 Flyover Date	2005 Flyover Date	2004 Flyover Date	2003 Flyover Date				
2							8-Feb-06	4-Apr-05	28-Mar-04	3-Apr-03				
3	Waste received in period (tons)						861,845	999,299	0	0				
4	Operational consumed (cy) (waste & daily cover)						1,019,105	1,153,155	0	0				
5	Effective consumed (cy) (waste & daily cover)						935,065	1,041,875	0	0				
6	Final cover consumption (cy)													
7	Final cover in place at previous flyover						180,265	180,265	0	0				
8	Final cover put down between flyovers						0	0	0	0				
9	Final cover in place at current flyover						180,265	180,265	0	0				
10	Liner material consumption (cy)													
11	Liner in place at previous flyover						621,150	621,150	0	0				
12	Liner put down between flyovers						0	0	0	0				
13	Liner in place at current flyover						621,150	621,150	0	0				
14														
15	A.U.F. (operational)													
16	Airspace utilization factor (T/CY)						0.85	0.87	0.00	0.00				
17	Airspace utilization factor (Lbs/CY)						1,691	1,733	0	0				
18														
19	A.U.F. (effective)													
20	Airspace utilization factor (T/CY)						0.92	0.96	0.00	0.00				
21	Airspace utilization factor (Lbs/CY)						1,843	1,918	0	0				
22														
23	A.U.F. (prediction model)													
24	Remaining airspace utilization factor (T/CY)						0.96	0.86	0.00	0.00				
25	Remaining airspace utilization factor (Lbs/CY)						1,929	1,720	0	0				
26														
27	Tonnage and Site Life						Trail Ridge Landfill							
28	(Tons provided by WM PMT)													
29		FLYOVER DATE	ACTUAL TONNAGE DURING PERIOD	ADDITIONAL TONNAGE (PROJECTIONS ONLY)	Date of Survey	Operational Consumed Volume (cu.yd.)	Effective Consumed Volume (cu.yd.)	Total In-Place Volume (cu.yd.)	Waste Received In Period (tons)	Total In-Place Tonnage	Operational AUF (T/cy)	Annual Effective AUF (T/cy)	Cumulative AUF (T/cy)	Life of Site AUF Goal (Rate Pack)
30	JAN	-	-	-	3/23/1999	921,188	921,188	921,188	547,516	547,516	0.59	0.59	0.59	0.85
31	FEB	-	-	-	1/21/2000	847,337	847,337	1,768,525	606,272	1,153,788	0.72	0.72	0.65	0.85
32	MAR	-	-	-	3/15/2002	2,757,648	2,757,648	4,526,173	1,771,910	2,925,688	0.64	0.64	0.65	0.85
33	APR	4/4/05	73,857	-	4/3/2003	1,248,460	1,248,460	5,774,633	899,759	3,825,457	0.72	0.72	0.66	0.85
34	MAY	-	84,048	-	3/28/2004	1,105,647	1,105,647	6,880,280	915,139	4,740,596	0.83	0.83	0.69	0.85
35	JUNE	-	88,913	-	4/4/2005	1,153,155	1,041,875	7,922,155	999,299	5,739,895	0.87	0.96	0.72	0.85
36	JULY	-	84,989	-	2/8/2006	1,019,105	935,065	8,857,220	861,845	6,601,740	0.85	0.92	0.75	0.85
37	AUG	-	96,225	-										
38	SEPT	-	84,896	-										
39	OCT	-	79,308	-										
40	NOV	-	79,655	-										
41	DEC	-	82,242	-										
42	JAN	-	86,011	-										
43	FEB	2/8/06	21,702	-										
44	MAR	-	-	-										
45	APR	-	-	-										
46	MAY	-	-	-										
47	JUNE	-	-	-										
48	JULY	-	-	-										
49	AUG	-	-	-										
50	SEPT	-	-	-										
51	OCT	-	-	-										
52	NOV	-	-	-										
53	DEC	-	-	-										
54	TOTAL TONS:		861,845											
55														
56														
57	Comments													
58	1. Final cover thickness: 4 ft.													
59	2. Liner thickness: 2.5 ft.; 6" CLAY, GCL, 2' OPS. LAYER													
60														
61														
62														
63														
64														
65														



AUF Prediction Model

Landfill Name

Trail Ridge Landfill

District No.

?

Engineer

?

Date Completed

?

auto input

Input cells

Output cells

no data required

INPUT

Landfill Information Input

Average annual precipitation, in.

53

from rate workbook or climate map

Leachate recirculation? No = 1, Yes = 2

1

from site engineer

Waste Stream Composition, %

MSW

?

C&D

?

Sludge

?

Contaminated Soil / foundry sand

?

Other waste

?

Cover soil ratio, %

?

Remaining Airspace Input

Remaining Airspace, bank cubic yards

10,718,295

from air report

Remaining Area with capacity (partial & no fill), acres

116.5

from air report

Typical time to fill from base grade to final grade, years

5

from rate workbook or site engineer

Existing Landfill AUF Input

AUF from initial compaction (tons/bcy)

0.81

3 year average of operational AUF

OUTPUT

AUF after Primary Settlement, tons/bcy

0.90

Secondary Settlement AUF Increase, %

7.5

Predicted Remaining AUF

0.96

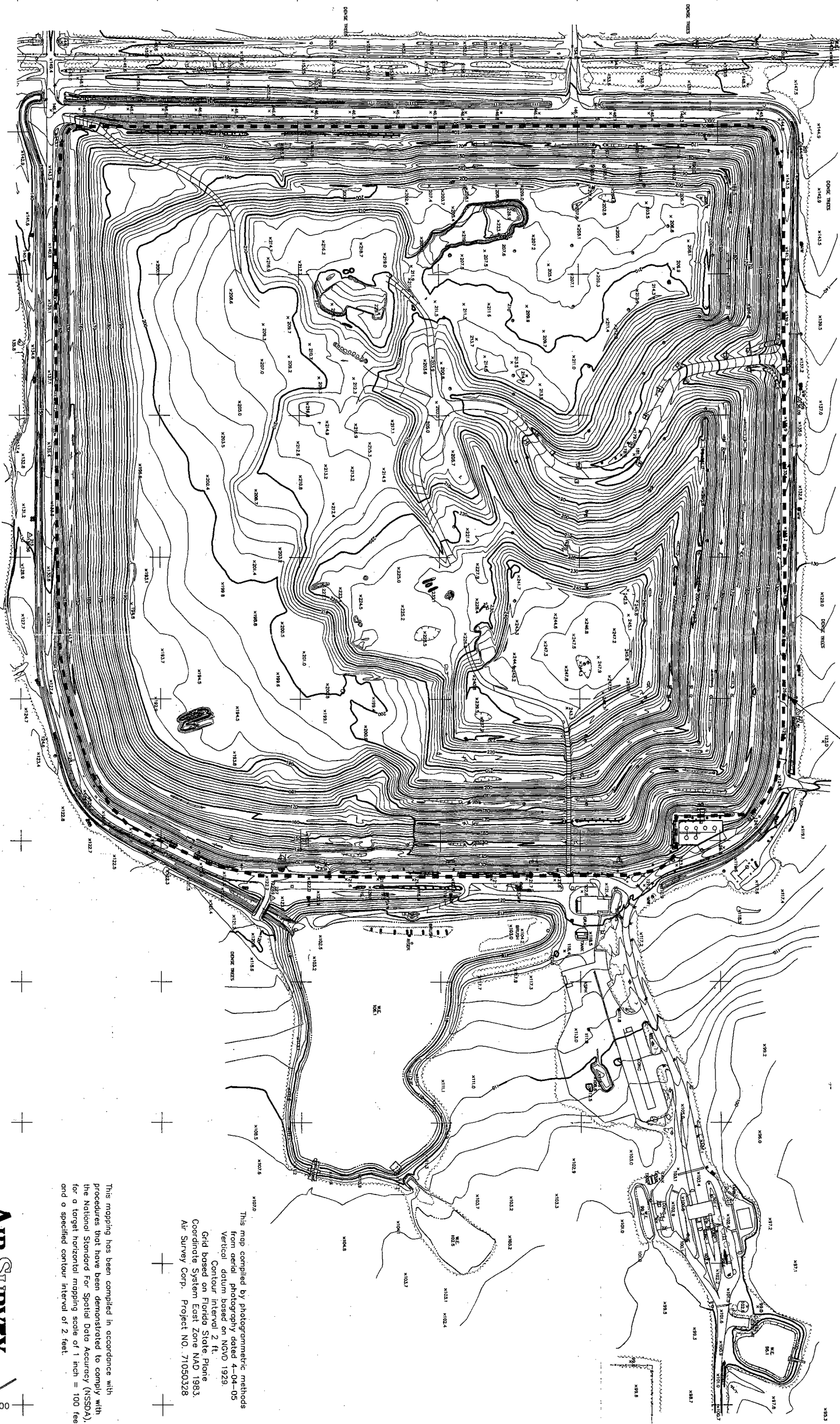
See
Instruction
Sheet for Rate
Workbook
Locations for
Input
Information



E 324000
N 2144500

APPROXIMATE LANDFILL
FOOTPRINT

E 329500
N 2144500



This map compiled by photogrammetric methods
from aerial photography dated 4-04-05
Vertical datum based on NAVD 1929.
Contour interval 2 ft.
Grid based on Florida State Plane
Coordinate System East Zone NAD 1983.
Air Survey Corp. Project NO. 71050328

This mapping has been compiled in accordance with
procedures that have been demonstrated to comply with
the National Standard For Spatial Data Accuracy (NSDA),
for a target horizontal mapping scale of 1 inch = 100 feet
and a specified contour interval of 2 feet.

AIR SURVEY
Photogrammetric Mapping Services

This map compiled by:
AIR SURVEY
45180 BUSINESS COURT
DULLES, VIRGINIA
20166-6706



04-MAY-2006 0

S:\Cadd1\FL\F11K(Trail_Ridge)\Air\2006\FL11a06.dgn



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Revisions			
No.	Description	Date	By

Approved By:	Brian Dolittle
Checked By:	Brian Dolittle
Drawn By:	Corp. CAD

Project Location:
**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

**2005 TOPOGRAPHY DATED
APRIL 4, 2005**

Drawing No.	FL11-2487-AIR-01
Scale:	As Shown
Date:	April 2005
Sheet Number:	1



E 324000
N 2144500

E 324000
N 2144500

APPROXIMATE LANDFILL
FOOTPRINT

E 329500
N 2144500



This map compiled by photogrammetric methods from aerial photography dated 2-08-06. Vertical datum based on NGVD 83. Contour interval 2 ft. Base map based on Florida State M&D 1983. Air Survey Corp. Project NO. 7060173

Dashed contours indicate that ground is partially obscured by vegetation or shadows. These areas may not meet standard accuracy and require field testing/completion.

This mapping has been compiled in accordance with the National Standard for Spatial Data Accuracy (NSDA), for a target horizontal mapping scale of 1 inch = 100 feet and a specified contour interval of 2 feet.

AIR SURVEY

Photogrammetric Mapping Services

This map compiled by:
AIR SURVEY
4880 BUSINESS COURT
DALLAS, TEXAS 75244
2006-0706



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Revisions				Approved By: Brian Dohlfite	
No.	Description	Date	By	Checked By: Brian Dohlfite	
				Drawn By: Corp. CAD	

Project Location:
**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

**2006 TOPOGRAPHY DATED
FEBRUARY 8, 2006**

Drawing No. FL11-2487-AIR-02		Sheet Number: 2	
Scale:	As Shown	Date:	Apr 2006



E 324000
N 2144500



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Revisions			
No.	Description	Date	By

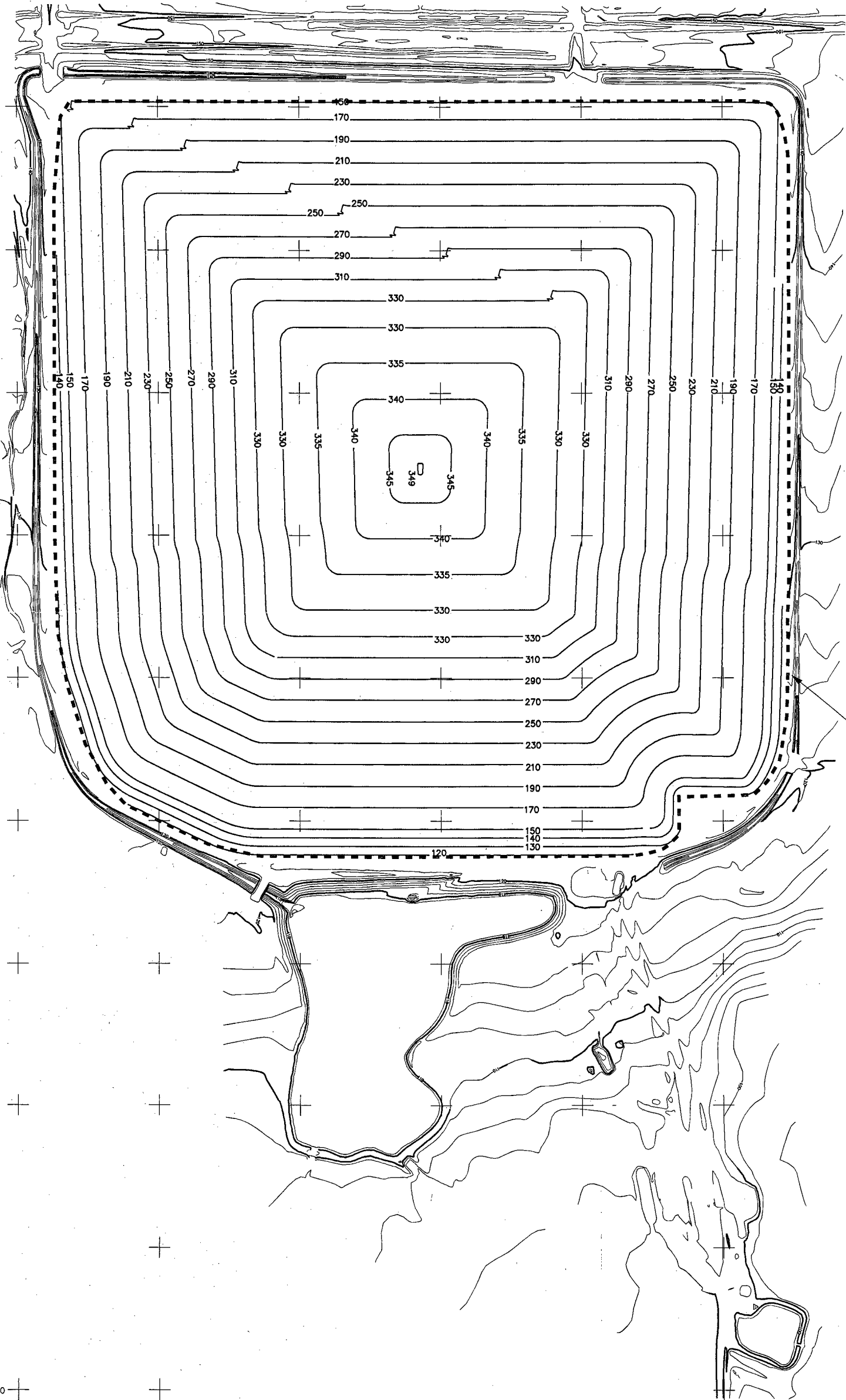
Approved By:	Brian Dohltke
Checked By:	Brian Dohltke
Drawn By:	Corp. CAD

Project Location:
**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

PERMITTED FINAL GRADES

Drawing No.	FL11-2487-AIR-03
Scale:	As Shown
Date:	April 2006
Sheet Number:	3

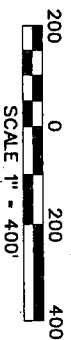
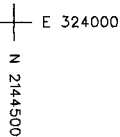
E 324000
N 2144500



**APPROXIMATE LANDFILL
FOOTPRINT**

E 329500
N 2144500

E 329500
N 2144500



WASTE MANAGEMENT

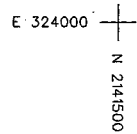
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Revisions				Approved By: Brian Doherty
No.	Description	Date	By	
				Checked By: Brian Doherty
				Drawn By: Corp. CAD


Project Location:
TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA

**ISOPACH BETWEEN 2005
TOPO. (SHEET 1) AND 2006
TOPO. (SHEET 2)**

Drawing No. FL11-2487-AIR-04	
Scale:	As Shown
Date:	April 2006
Sheet Number: 4	



APPROXIMATE LANDFILL FOOTPRINT


 E 329500
 N 2144500

**CONSUMED VOLUME BETWEEN 2005
TOPO. AND 2006 TOPO. = 1,019,105 C.Y.**

LEGEND

____ FILL CONTOUR

--- NO CHANGE IN ELEVATION

- - - CUT CONTOUR

___ WASTE IN PLACE

_____ STOCKPILE MATERIAL



E 324000
N 2144500

FINAL COVER IN PLACE
8.5 ACRES

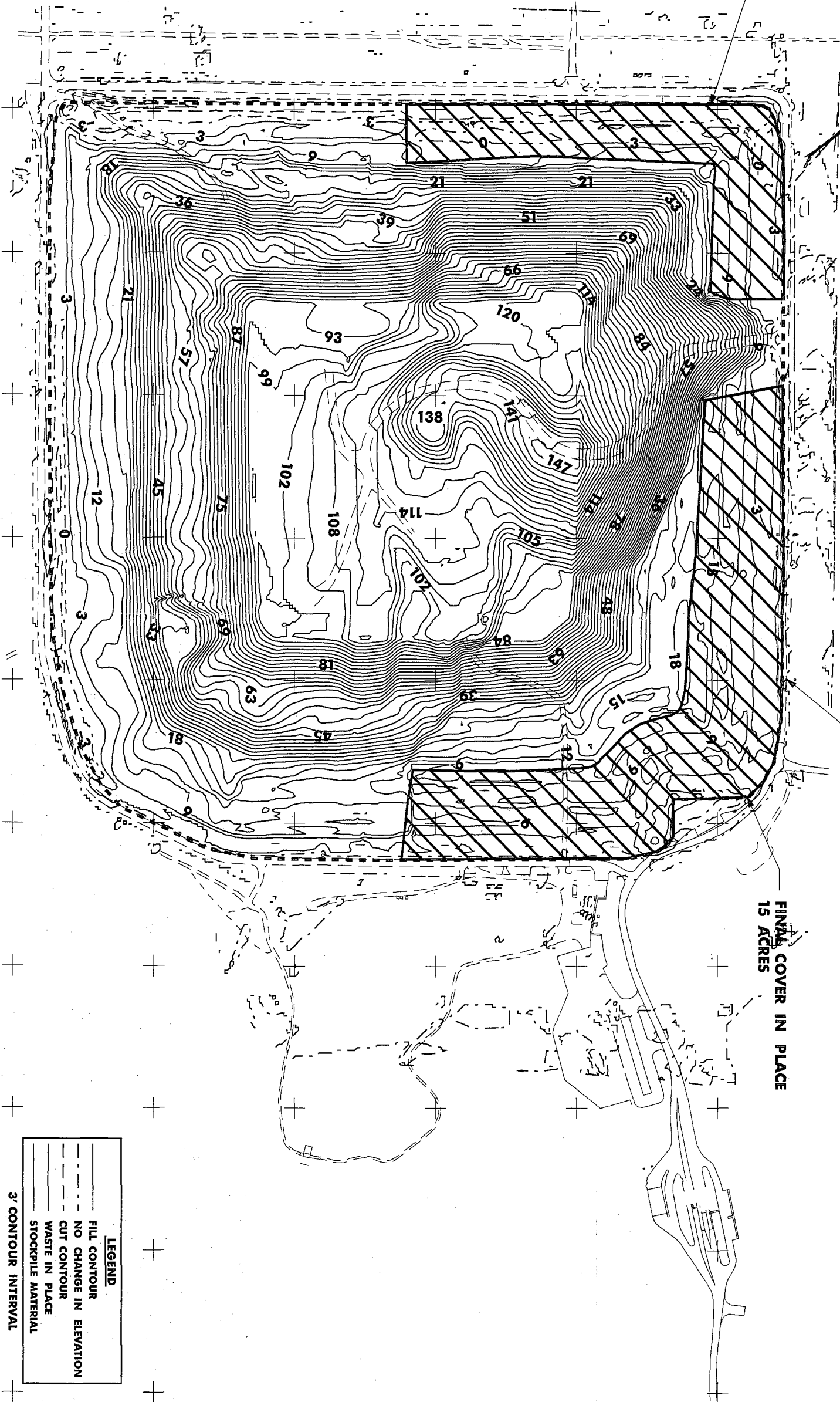
APPROXIMATE LANDFILL
FOOTPRINT

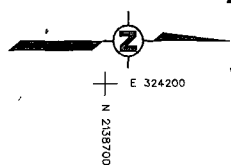
FINAL COVER IN PLACE
15 ACRES

E 329500
N 2144500

E 324000
N 2141500

E 329500
N 2141500





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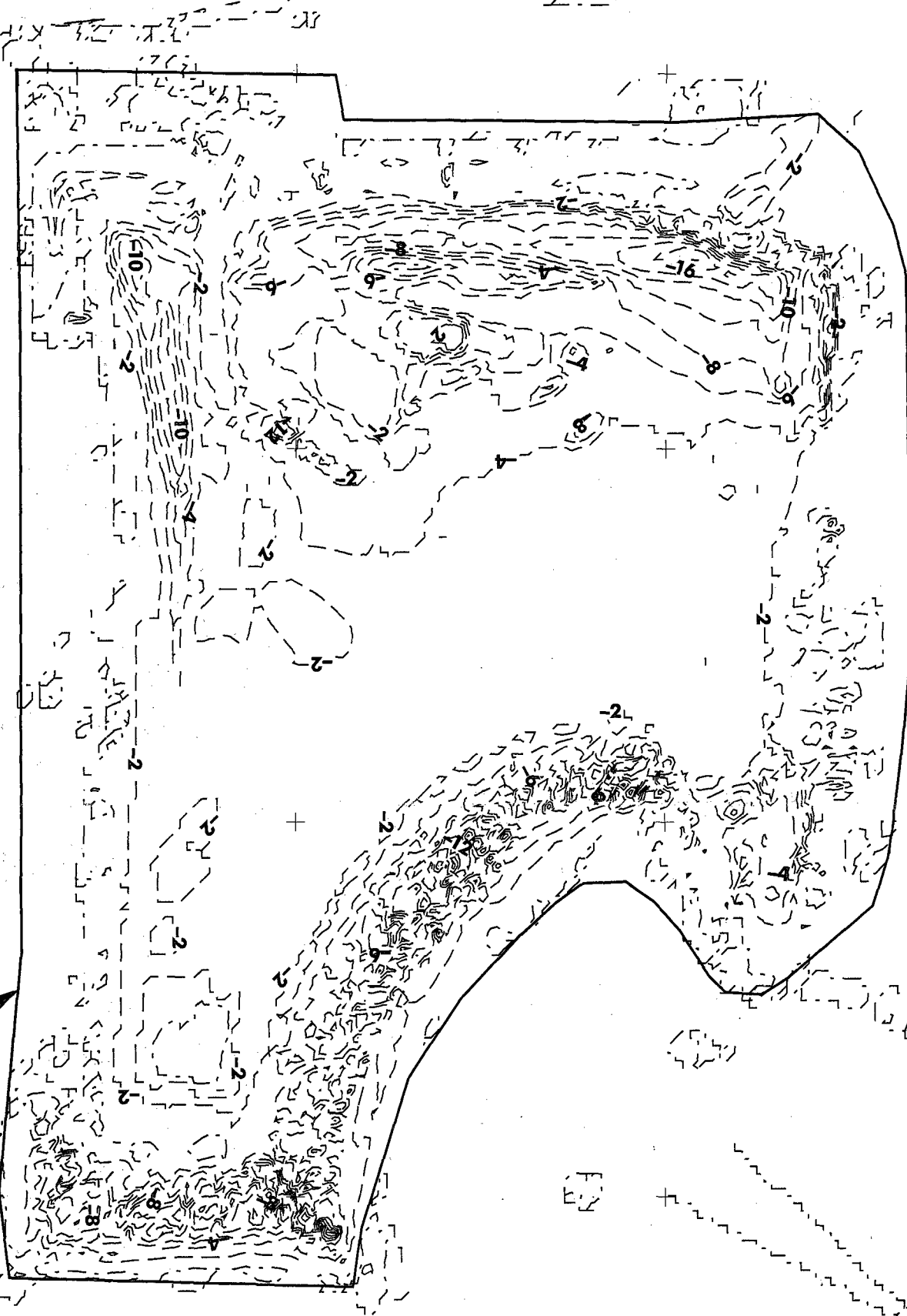
Revisions			
No.	Description	Date	By
Approved By: Brian Doherty			
Checked By: Brian Doherty			
Drawn By: Corp. CAD			

Project Location:
**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

**BORROW AREA ISOPACH
BETWEEN 2005 TOPO
AND 2006 TOPO**

Drawing No. FL11-2487-AIR-06	
Scale: As Shown	Sheet Number: 6
Date: April 2006	

CONSUMED VOLUME = CUT: 149,630 C.Y.





Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

July 25, 2006

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7598

Re: Trail Ridge Landfill
Methane Monitoring Results/Third Qtr. 2006
FDEP Permit #0013493-010-SC
I.D. #: NED/16/00033628

Dear Ms. Nogas:

In accordance with Specific Condition #35 of the referenced permit, enclosed please find the third quarter 2006 methane gas monitoring data for Trail Ridge Landfill. As indicated on the report, there was no detection of methane gas at the site.

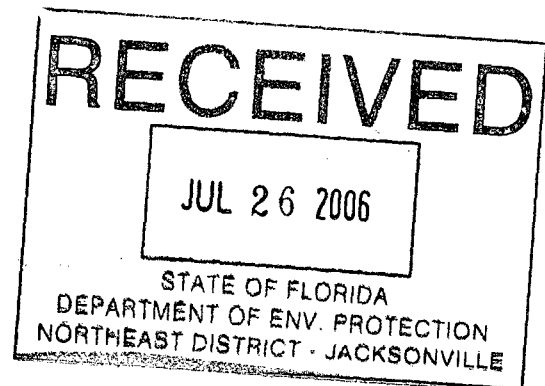
If you have any questions, or comments concerning this report, please call me at 289-9100.

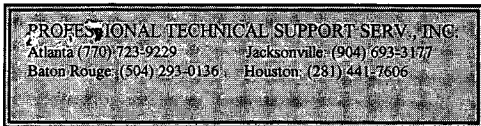
Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Attachment

cc: Chris Pearson w/attachments
Brian Dolihite





GAS MONITORING REPORT

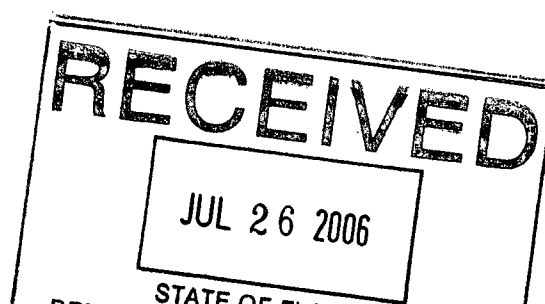
FACILITY NAME: TRAIL RIDGE LANDFILL

ANALYST: DAN ARMOUR	DATE:..... 7/12/06
GAS INSTRUMENT TYPE:..... MSA GAS SCOPE 60	SERIAL NO:..... 3122
PRESSURE INSTRUMENT TYPE:..... N/A	SERIAL NO:.....
WATER LEVEL INSTRUMENT TYPE:..... SLOPE INDICATOR	SERIAL NO:..... 021
WEATHER CONDITIONS:..... CLOUDY SKY, WINDS E 5 MPH <90°F	
BAROMETRIC PRESSURE:..... 30.05 INCHES	

CALIBRATION	Response	Adjustment	Acceptable	Int.
SPAN GAS 2.5% (by vol.)	2.5	-	Yes	DSA
SPAN GAS 50% (by vol.)	49	-	Yes	DSA

MONITOR POINT	TIME	PRESSURE	PERCENT METHANE	WATER LEVEL	COMMENTS
GP-10	1338	N/A	0	DRY	
GP-9	1343	N/A	0	DRY	
GP-8	1347	N/A	0	DRY	
GP-7	1352	N/A	0	DRY	
GP-6	1358	N/A	0	DRY	
GM-1	1429	N/A	0	N/A	* Monitored Vents
GM-2	1438	N/A	0	N/A	* cracks, conduit
GM-3	1450	N/A	0	N/A	*and confined spaces, inside
GM-4	1406	N/A	0	N/A	*and outside of buildings
GM-5	1417	N/A	0	N/A	*

COMMENTS: ALL POINTS ARE PERMANENT PROBES





Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

July 10, 2006

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

**Re: Waste Quantities Report 2nd Quarter 2006
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for April, May, and June 2006 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

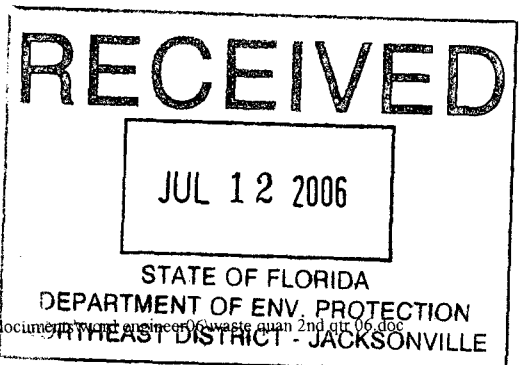
Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures



c:\documents and settings\lhair\my documents\envr engineer\06 waste quan 2nd qtr 06.doc

From everyday collection to environmental protection, Think Green.SM Think Waste Management.

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH APRIL 2006

GMS42-
11/09/87
FACILITY

COMMENTS/ADDITIONAL INFORMATION			
WASTE CODE	WASTE AMOUNT	WASTE UNIT	
110	26,781.32	TONS	
115	152.56	TONS	
130	53,271.68	TONS	
200	741.09	TONS	
220	37.57	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	80,984.22		

WASTE CODES:

SOLIDS, NON-HAZARDOUS		SLUDGES	WASTE UNIT:	CFT - CUBIC FOOT
100 - UNCLASS. SOLID, NON-HAZARDOUS		200 - UNCLASSIFIED SLUDGES		CMT - CUBIC METER
105 - AGRICULTURAL		205 - WATER TREATMENT/LIME SOFTEN		CYD - CUBIC YARD
110 - RESIDENTIAL		210 - SEPTIC TANK		GAL - GALLON
115 - COMMERCIAL		215 - AIR SCRUBBER		KGM - KILOGRAM
120 - HOSPITAL/CLINICAL		220 - INDUSTRIAL/COMMERCIAL		LBS - POUNDS
125 - MINING		225 - DOMESTIC WASTEWATER TREATMENT		LTR - LITER
130 - INDUSTRIAL		230 - INCINERATOR RESIDUE		TON - TON
135 - YARD TRASH/TRASH		235 - ION RESIDUE		MGL - MILLION GALLONS
		295 - HAZARDOUS SLUDGE		
WASTEWATER				
300 - UNCLASSIFIED WASTEWATER		HAZARDOUS WASTE		
305 - DOMESTIC WASTEWATER		900 - UNCLASSIFIED HAZARDOUS WASTE		
310 - INDUSTRIAL WASTEWATER		905 - CAUSTIC AND ACID		
315 - REJECT WATER		910 - EXPLOSIVES		
320 - COOLING WATER		915 - HEAVY METAL SOLUTIONS		
		920 - INORGANIC CHEMICALS		
		925 - ORGANIC CHEMICALS		
		930 - ORGANIC SOLVENTS AND OILS		
		935 - PAINT AND INK WASTE		
		940 - PESTICIDES/FUNGICIDES		
		945 - PATHOLOGICAL/INFECTIOUS		
		950 - LOW-LEVEL RADIOACTIVE		
		955 - MINING		
UNKNOWN TYPE OF WASTE				
800 - UNKNOWN TYPE OF WASTE				
OTHER				
999 - OTHER - USE COMMENTS				

11/09/87

FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
 5110 US Hwy 301 South
 Baldwin, FL 32234-3608
 Ph: 904/289-9100

REPORTING MONTH: MAY 2006

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	29,363.72	TONS	
115	128.66	TONS	
130	64,400.34	TONS	
200	822.12	TONS	
220	26.67	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	94,741.49		

WASTE CODES:

SOLIDS, NON-HAZARDOUS	SLUDGES	WASTE UNIT:
100 - UNCLASS, SOLID, NON-HAZARDOUS	200 - UNCLASSIFIED SLUDGES	CFT - CUBIC FOOT
105 - AGRICULTURAL	205 - WATER TREATMENT/LIME SOFTEN	CMT - CUBIC METER
110 - RESIDENTIAL	210 - SEPTIC TANK	CYD - CUBIC YARD
115 - COMMERCIAL	215 - AIR SCRUBBER	GAL - GALLON
120 - HOSPITAL/CLINICAL	220 - INDUSTRIAL/COMMERCIAL	KGM - KILOGRAM
125 - MINING	225 - DOMESTIC WASTEWATER TREATMENT	LBS - POUNDS
130 - INDUSTRIAL	230 - INCINERATOR RESIDUE	LTR - LITER
135 - YARD TRASH/TRASH	235 - ION RESIDUE	TON - TON
	295 - HAZARDOUS SLUDGE	MGL - MILLION GALLONS
WASTEWATER	HAZARDOUS WASTE	
300 - UNCLASSIFIED WASTEWATER	900 - UNCLASSIFIED HAZARDOUS WASTE	
305 - DOMESTIC WASTEWATER	905 - CAUSTIC AND ACID	
310 - INDUSTRIAL WASTEWATER	910 - EXPLOSIVES	
315 - REJECT WATER	915 - HEAVY METAL SOLUTIONS	
320 - COOLING WATER	920 - INORGANIC CHEMICALS	
	925 - ORGANIC CHEMICALS	
UNKNOWN TYPE OF WASTE	930 - ORGANIC SOLVENTS AND OILS	
800 - UNKNOWN TYPE OF WASTE	935 - PAINT AND INK WASTE	
	940 - PESTICIDES/FUNGICIDES	
OTHER	945 - PATHOLOGICAL/INFECTIOUS	
999 - OTHER - USE COMMENTS	950 - LOW-LEVEL RADIOACTIVE	
	955 - MINING	

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: JUNE 2006

GMS42
11/09/87
FACILITY

COMMENTS/ADDITIONAL INFORMATION		
WASTE CODE	WASTE AMOUNT	WASTE UNIT
110	29,187.14	TONS
115	75.43	TONS
130	66,877.13	TONS
200	596.42	TONS
220	42.22	TONS
230	0.00	TONS
		TONS
		TONS
TOTAL	96,778.35	

WASTE CODES:

SOLIDS, NON-HAZARDOUS	
100 - UNCLASS, SOLID, NON-HAZARDOUS	
105 - AGRICULTURAL	
110 - RESIDENTIAL	
115 - COMMERCIAL	
120 - HOSPITAL/CLINICAL	
125 - MINING	
130 - INDUSTRIAL	
135 - YARD TRASH/TRASH	
WASTEWATER	
300 - UNCLASSIFIED WASTEWATER	
305 - DOMESTIC WASTEWATER	
310 - INDUSTRIAL WASTEWATER	
315 - REJECT WATER	
320 - COOLING WATER	
UNKNOWN TYPE OF WASTE	
800 - UNKNOWN TYPE OF WASTE	
OTHER	
999 - OTHER - USE COMMENTS	

SLUDGES	
200 - UNCLASSIFIED SLUDGES	
205 - WATER TREATMENT/LIME SOFTEN	
210 - SEPTIC TANK	
215 - AIR SCRUBBER	
220 - INDUSTRIAL/COMMERCIAL	
225 - DOMESTIC WASTEWATER TREATMENT	
230 - INCINERATOR RESIDUE	
235 - ION RESIDUE	
295 - HAZARDOUS SLUDGE	
HAZARDOUS WASTE	
900 - UNCLASSIFIED HAZARDOUS WASTE	
905 - CAUSTIC AND ACID	
910 - EXPLOSIVES	
915 - HEAVY METAL SOLUTIONS	
920 - INORGANIC CHEMICALS	
925 - ORGANIC CHEMICALS	
930 - ORGANIC SOLVENTS AND OILS	
935 - PAINT AND INK WASTE	
940 - PESTICIDES/FUNGICIDES	
945 - PATHOLOGICAL/INFECTIOUS	
950 - LOW-LEVEL RADIOACTIVE	
955 - MINING	

WASTE UNIT:	
CFT - CUBIC FOOT	
CMT - CUBIC METER	
CYD - CUBIC YARD	
GAL - GALLON	
KGM - KILOGRAM	
LBS - POUNDS	
LTR - LITER	
TON - TON	
MGL - MILLION GALLONS	



Trail Ridge Landfill, Inc.
5110 U.S. Highway 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

July 10, 2006

Ms. Mary Nogas, P.E.
Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

Re: Permit No. 0013493-010-SC
Waste Tire Processing Facility Quarterly Report, 2nd Qtr. 2006

Dear Ms. Nogas:

In accordance with specific condition 27e of the above referenced permit, please find enclosed, the Waste Tire Processing Facility Quarterly Report for Trail Ridge Landfill for the second calendar quarter of 2006.

Should you have any questions concerning the report, please call me at 289-9100.

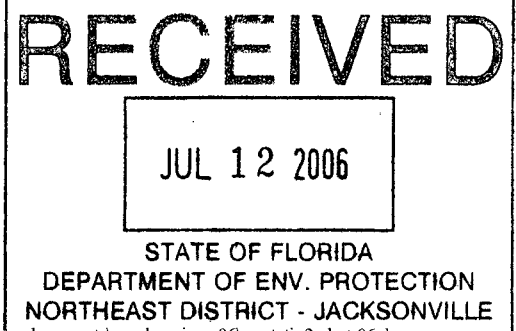
Sincerely,

A handwritten signature in black ink, appearing to read "Greg Mathes", written over a large, loopy flourish.

Greg Mathes
Director of Landfill Operations

GM:lh
Enclosures

cc: Brian Dolihite, w/o encl.



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Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title <u>Quarterly Report</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report Second Quarter 2006 (First quarter begins on January 1 of any given year)

1. Facility name: Trail Ridge Landfill
2. Facility mailing address: 5110 U.S. HIGHWAY 301 SOUTH
City: Baldwin County: Duval Zip: 32234-3608
3. Facility permit number: 0013493-010-SC
4. Facility telephone number (904) 289-9100
5. Authorized person preparing report: Greg Mathes
6. Affiliation with facility: Director of Landfill Operations
7. Telephone number (if different from above): ()
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	88	425			510		3
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total	88	425			510		3

- a. Explain all inventory adjustments. _____
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved?

For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary.

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Greg Mathes

Print Name of Authorized Agent

[Signature]
Signature of Authorized Agent

July 10, 2006

Date

Mail complete form to
the appropriate district office

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600



Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

July 10, 2006

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Trail Ridge Landfill
Quarterly Leachate Generation Report
2nd Quarter 2006
FDEP Permit #0013493-010-SC
I.D. Number: NED/16/00033628**

Dear Ms. Nogas:

In accordance with Specific Condition 38 e. of the referenced permit, enclosed please find the Second Quarter 2006 Leachate Generation Report for Trail Ridge Landfill.

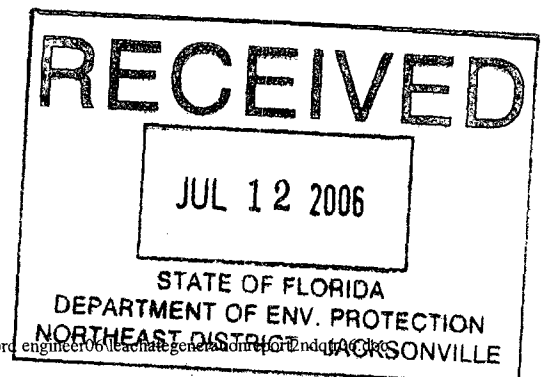
The leachate generation reports include daily precipitation amounts, the quantities of leachate collected from the LCRS and LDS, the amount of leachate transported to the water treatment facility.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Chris Pearson w/encl.
Brian Dolihite, w/o encl.



c:\documents and settings\lhair\my documents\word engineering\06 leachate generation report\2nd quarter.doc

Trail Ridge Landfill
Leachate/Rainfall: Second Quarter 2006

Month	Rainfall	Primary	Secondary	Total		Recirculated
				Produced	Transported	
April	1.65	354,200	5,500	359,700	336,000	-
May	0.48	360,400	4,000	364,400	402,000	-
June	4.12	221,400	6,300	227,700	282,000	-
QTR. TOTAL	6.25	936,000	15,800	951,800	1,020,000	

Trail Ridge Landfill

Leachate/Rainfall APRIL 2006

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
4/1/06				-	
4/2/06				-	
4/3/06	0	28,100	700	28,800	12,000
4/4/06	0	10,100	-	10,100	
4/5/06	0	9,200	-	9,200	6,000
4/6/06	0	37,200	500	37,700	24,000
4/7/06	0	9,600	1,500	11,100	30,000
4/8/06				-	48,000
4/9/06				-	
4/10/06	1.1	27,000	500	27,500	
4/11/06	0	27,100	-	27,100	24,000
4/12/06	0	9,600	-	9,600	18,000
4/13/06	0	7,800	-	7,800	24,000
4/14/06	0	9,500	-	9,500	12,000
4/15/06				-	24,000
4/16/06				-	
4/17/06	0	29,400	-	29,400	
4/18/06	0	26,300	-	26,300	24,000
4/19/06	0	16,400	1,500	17,900	
4/20/06	0	10,300	-	10,300	
4/21/06	0	17,100	-	17,100	
4/22/06				-	24,000
4/23/06				-	
4/24/06	0.3	24,200	700	24,900	12,000
4/25/06	0	20,700	100	20,800	12,000
4/26/06	0	9,400	-	9,400	6,000
4/27/06	0.25	8,300	-	8,300	18,000
4/28/06	0	16,900	-	16,900	
4/29/06				-	18,000
4/30/06				-	
				-	
TOTALS	1.65	354,200	5,500	359,700	336,000

Trail Ridge Landfill
Leachate/Rainfall MAY 2006

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
5/1/06	0	22,800	-	22,800	72,000
5/2/06	0	16,800	-	16,800	18,000
5/3/06	0	11,300	-	11,300	18,000
5/4/06	0	12,800	-	12,800	18,000
5/5/06	0	11,700	-	11,700	18,000
5/6/06				-	24,000
5/7/06				-	
5/8/06	0	51,900	1,500	53,400	6,000
5/9/06	0.25	-	-	-	18,000
5/10/06	0	2,900	-	2,900	24,000
5/11/06	0.1	22,100	300	22,400	18,000
5/12/06	0	11,500	-	11,500	6,000
5/13/06					
5/14/06				-	
5/15/06	0	33,400	700	34,100	24,000
5/16/06	0.06	8,900	-	8,900	
5/17/06	0	11,900	-	11,900	24,000
5/18/06	0	12,700	-	12,700	24,000
5/19/06	0	10,100	-	10,100	6,000
5/20/06				-	
5/21/06				-	
5/22/06	0	29,800	1,500	31,300	
5/23/06	0	10,800	-	10,800	6,000
5/24/06	0	9,800	-	9,800	12,000
5/25/06	0	9,600	-	9,600	18,000
5/26/06	0	11,100	-	11,100	
5/27/06				-	
5/28/06				-	
5/29/06	0.07	29,700	-	29,700	
5/30/06	0	9,600	-	9,600	12,000
5/31/06	0	9,200	-	9,200	36,000
TOTALS	0.48	360,400	4,000	364,400	402,000

Trail Ridge Landfill

Leachate/Rainfall JUN 2006

if over 4492 let Al know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
6/1/06	0	7,800	1,500	9,300	12,000
6/2/06	0	11,800	-	11,800	24,000
6/3/06				-	18,000
6/4/06				-	
6/5/06	0.16	22,200	-	22,200	24,000
6/6/06	0	5,200	-	5,200	12,000
6/7/06	0	500	-	500	18,000
6/8/06	0	-	-	-	
6/9/06	0	-	-	-	
6/10/06				-	
6/11/06				-	
6/12/06	0.08	-	-	-	
6/13/06	3	Pumps off; broken line		-	
6/14/06	0.2	Pumps off; broken line		-	
6/15/06	0	Pumps off; broken line		-	12,000
6/16/06	0.15	24,500	1,600	26,100	
6/17/06				-	30,000
6/18/06				-	
6/19/06	0	34,300	700	35,000	
6/20/06	0	41,100	-	41,100	18,000
6/21/06	0	8,100	1,000	9,100	
6/22/06	0	12,600	-	12,600	18,000
6/23/06	0	-	-	-	12,000
6/24/06				-	18,000
6/25/06				-	
6/26/06	0.2	44,500	1,400	45,900	18,000
6/27/06	0	8,800	-	8,800	
6/28/06	0.03	-	100	100	18,000
6/29/06	0.3	-	-	-	30,000
6/30/06	0	-	-	-	
				-	
TOTALS	4.12	221,400	6,300	227,700	282,000



Jeb Bush
Governor

Department of Environmental Protection

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Colleen M. Castille
Secretary

August 9, 2006

Mr. Greg Mathes, General Manager
Trail Ridge Landfill Inc.
5110 U.S. Highway 301
Baldwin, FL 32234

Re: **Trail Ridge Landfill, Inc.**
FDEP Permit Number 0013493-010-SC
Annual Survey
Duval County - Solid Waste

Dear Mr. Mathis:

The Department reviewed the Trail Ridge Landfill Annual Topographic Survey for 2006 submittal, received May 9, 2006, (cover letter dated May 8, 2006) and has the following comments:

The cover letter indicates the annual topographical survey for the Trail Ridge Landfill is enclosed; however, it appears it was inadvertently omitted, as it was not found. Also, the one provided with the Trail Ridge Landfill Site Life Calculations 2006, is not legible. Please provide one that is legible, preferably, one that is on a scale of not greater than 200 feet to the inch. At a minimum, the requested survey shall also include the existing elevations in 5-foot contour intervals and shall be in reference to the National Geodetic Vertical Datum as required by permit specific condition number 9.

Please be reminded that in accordance with permit specific condition numbers 19 and 41, the Permittee is to both operate (i.e. fill) and close the facility in the phases shown on Drawing Sheets 11 through 15 of permit Document 2 (submittal dated December 13, 2002, and received December 16, 2002). In the response, please identify which fill phase and closure phase the facility is in.

Please provide the requested information by August 24, 2006, and reference the associated DEP permit number in all written correspondence concerning this project. If you have any comments concerning this matter, please contact Julia Boesch at the letterhead address or telephone number 904.807.3356.

Sincerely,

Julia Boesch

Julia Boesch
Solid Waste Section

JB:lp

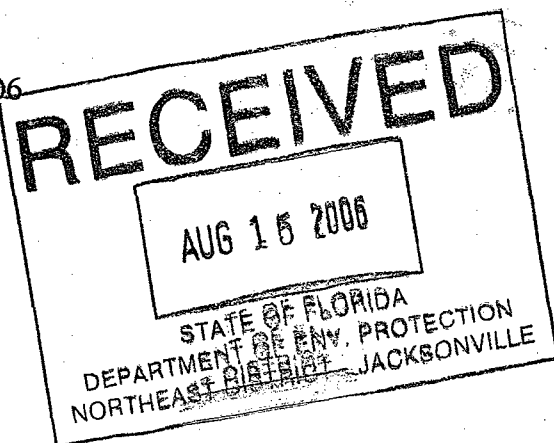
ELK

"More Protection, Less Process"

Printed on recycled paper.



August 14, 2006



VIA UPS NEXT DAY DELIVERY

Julia Boesch
Florida Department of Environmental Protection
Northeast District
Solid Waste Section
7825 Bay Meadows Way, Suite B200
Jacksonville, FL 32256

(904) 807-3356

**RE: Trail Ridge Landfill (Annual Survey)
Permit # 0013493-010-SC
Second Submittal**

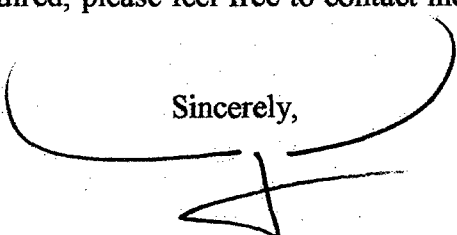
Dear Ms. Boesch:

Per your request, please find enclosed the following documents for the Trail Ridge Landfill:

1. The Report of Aerial Topographic Survey;
2. The 2006 Airspace Report;
3. A large-scale aerial map.

If additional information is required, please feel free to contact me at (386) 984-6608 or at aburson@wm.com.

Sincerely,


Alfred (Al) L. Burson, Sr.
Environmental Protection Manager
Waste Management of North Florida

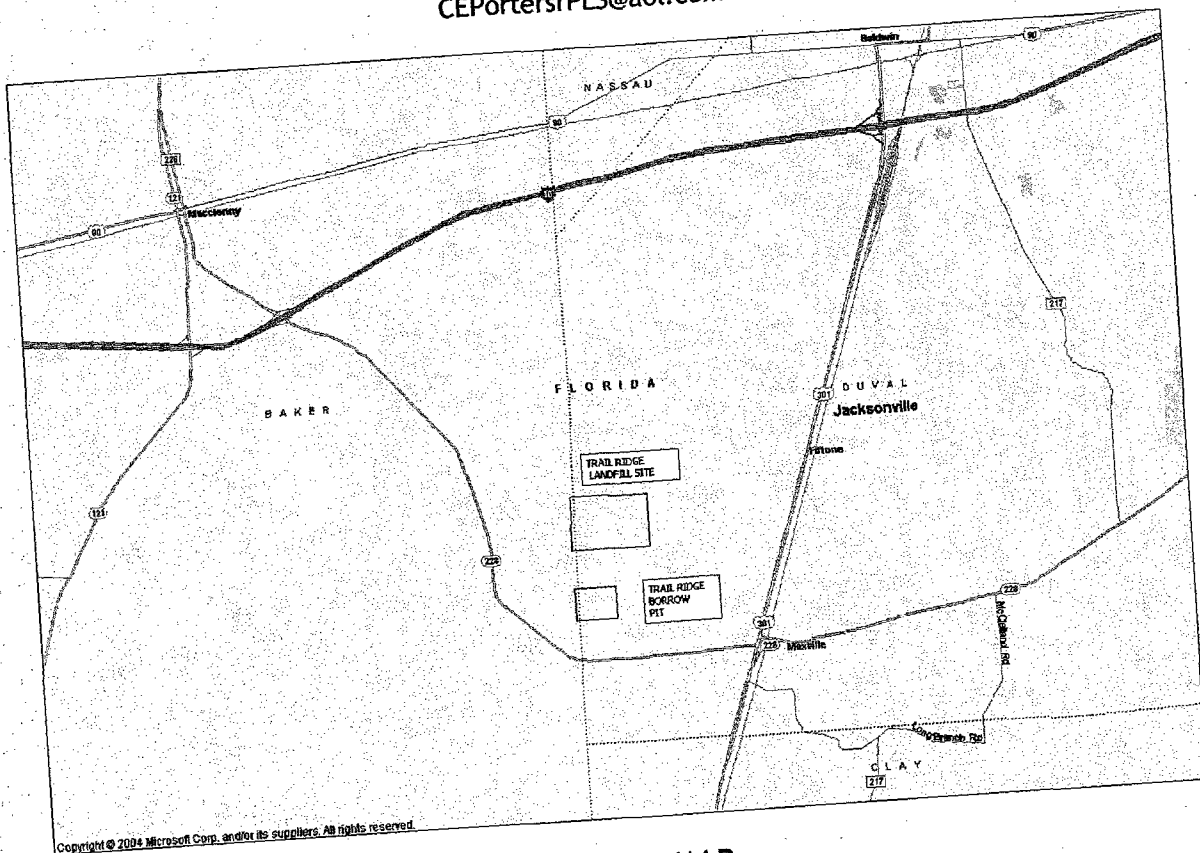
AB/ab

Enclosures

Cc w/o enclosures: Linda Hair

**REPORT OF AERIAL TOPOGRAPHIC SURVEY
TRAIL RIDGE LANDFILL
DUVAL COUNTY, FLORIDA
MARCH 23, 2006**

CHARLES E. PORTER
PROFESSIONAL SURVEYOR AND MAPPER NO.4257
26102 Nimbleton Square
Chantilly, Virginia 20152
703-200-2240
CEPortersPLS@aol.com



VICINITY MAP
NOT TO SCALE

Topographic Survey:

This document has been prepared in accordance with Chapter 61G17-6 of the Florida State Department of Business and Professional Regulation code, which addresses minimum technical standards and mapping industry.

NOTE: THIS REPORT AND ACCOMPANING MAP ARE NOT FULL AND COMPLETE WITHOUT THE OTHER, AND ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

Charles E. Porter, PSM No. 4257
Project Name: Trail Ridge Landfill, Duval County, Florida
Title/Type of Survey: Aerial Topographic Survey
Date of Imagery 02/08/06
Scale of Aerial Photography: 1:6000

Photogrammetric methods were used in the performance of this Topographic Survey. The accuracy of this survey was tested and verified by:

Charles E. Porter
Professional Surveyor and Mapper
26102 Nimbleton Square
Chantilly, Virginia 20152
Tel: 703-200-2240
Email: CEPortersrpls@aol.com

This accuracy survey was performed for:

Air Survey
45180 Business Court
Dulles, Virginia 20166-6706
Tel: 703-471-4510
Fax: 703-471-6810

Additions or deletions to the report or maps by other than the signing party are forbidden without the consent of the signing party. The maps and report are not full and complete without the other.

Methods:

All map data were collected using Photogrammetric methodology from aerial photography dated 02/08/06 acquired at an altitude of 3000' above mean terrain to produce a photo scale of 1:6000 (1"=500'). Fully analytical stereo plotter instruments were used in the collection of digital data with Photogrammetric software specifically designed for the extraction of positional information from stereo imagery.

The relative location of the site improvements (i.e. roads, trails, streets, fences, buildings, and drainage features) has been accurately portrayed with

respect to the ground control survey. Planimetric features and details were collected commensurate with the final output map scale and the ability of the operator to see and interpret these features from the photography. Areas where the ground is masked due to the heavy vegetation have been labeled and identified with dashed contours. These areas should be field-verified prior to any design work being performed.

Data Sources:

The horizontal and vertical control used for this project was obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248. The photography used for this project was obtained on February 08, 2006.

Vertical Datum:

The vertical datum is NGVD 1929. Elevations are based on site benchmarks obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248.

The horizontal datum is Florida Coordinate System, East Zone, and NAD 1983. All horizontal and vertical ground control and map data is expressed in U.S. Survey Feet.

Accuracies:

The maps and digital files for this project meet the Minimum Technical Standards of the State of Florida:

- ◆ At least 90% of the ground point elevations of well-defined features contained in this map have been measured to an estimated vertical positional accuracy of: ± 1.0 feet.
- ◆ The survey-measured versus ground truth coordinates of at least 90% of well-defined features contained in this survey and map have been measured to an estimated horizontal positional accuracy of: ± 2.5 feet.

Horizontal and vertical accuracy is determined from the absolute orientation solution, which is based upon ground control values received from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

Digital mapping and/or coordinate data files are intended to be displayed at a scale of 1:1200 (1"=100') or smaller.

Intended Features:

All features identified by the mapping limits as indicated on the aerial photography contact points were intended to be surveyed and mapped in their entirety. All line drawn features are shown to scale. Symbols do not represent the actual size of the object. Refer to the Map Legend in the digital file for the cartographic representation of each feature.

This mapping should be used for preliminary design work only, and should not replace an actual field run survey where the required accuracy is greater than the accuracy stated in this report.

This survey is restricted to the active areas of the landfill for which the company contracted to update. No responsibility, expressed or implied, is assumed for the areas outside this scope.

The signing party assumes no responsibility of the accuracy of the ground control or the boundary information provided by England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

To the best of my knowledge and belief, based on my review, all of the products meet the accuracy and quality standards as required.

Prepared for:

Air Survey
45180 Business Court
Dulles, Virginia 20166-6706

Certification:

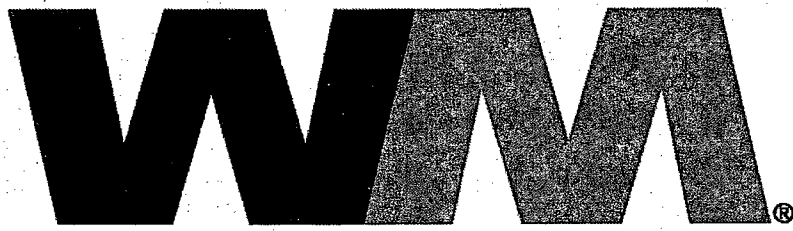
To the best of my knowledge this survey and report meet all applicable requirements of the Florida Minimum Technical Standards as contained in Chapter 61G17-6 FAC pursuant to Section 472.027 Florida Statutes.

Surveyor and Mapper in Responsible Charge:

Charles E. Porter
Professional Surveyor and Mapper
License Number LS 4257

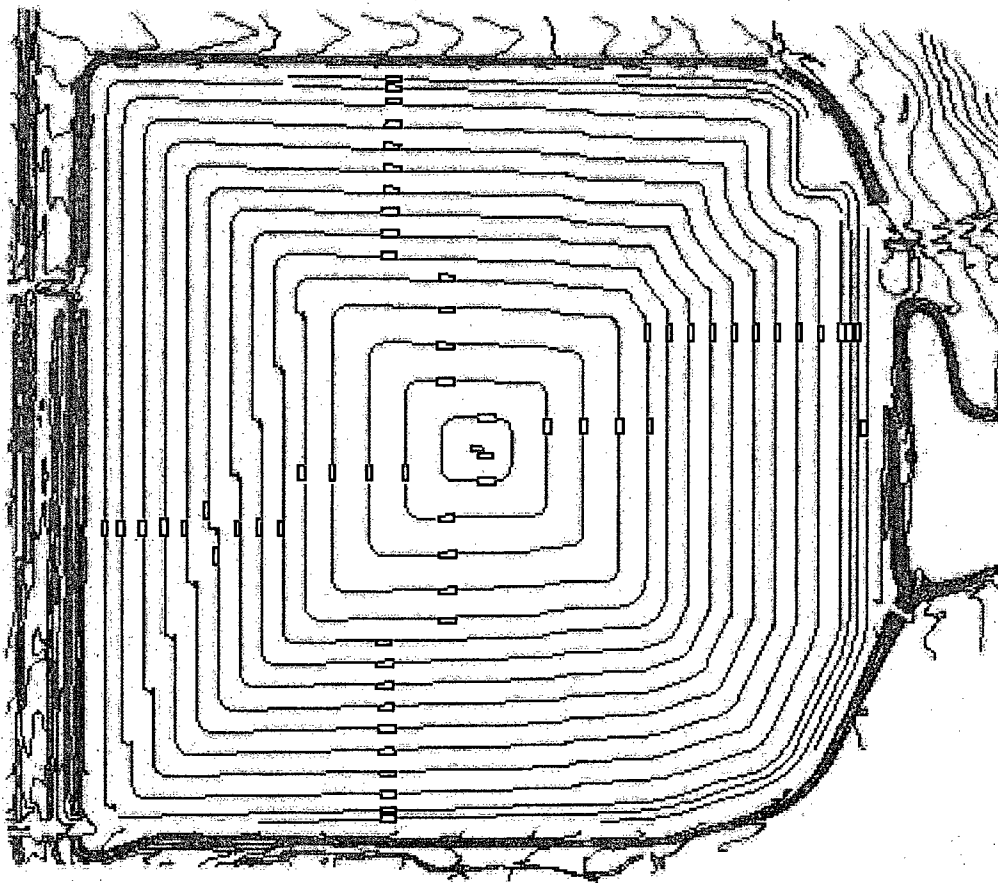
Signed: 

Seal: 03/23/06



WASTE MANAGEMENT

TRAIL RIDGE LANDFILL




2006 Airspace Report

TRAIL RIDGE LANDFILL

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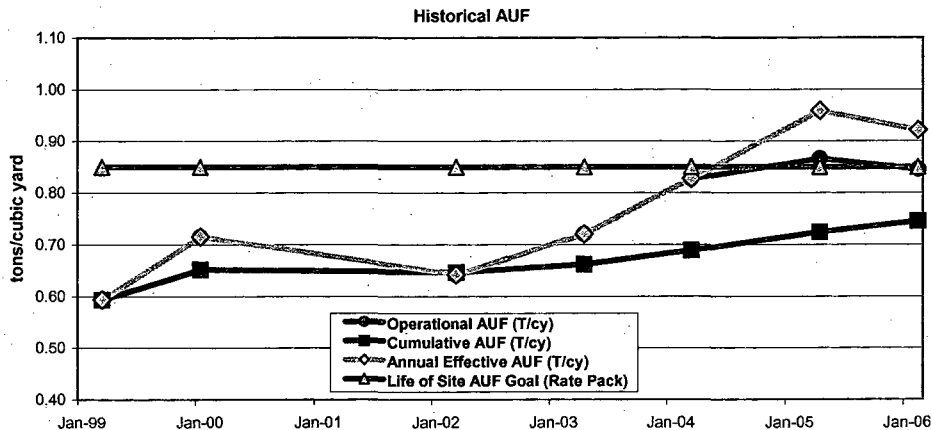
SHEETS 1-3	VOLUME CALCULATIONS & AUF PREDICTION MODEL
DRAWING 1	2005 TOPOGRAPHY (FLOWN 4-4-05)
DRAWING 2	2006 TOPOGRAPHY (FLOWN 2-8-06)
DRAWING 3	PERMITTED FINAL GRADES BY ENGLAND, THIMS & MILLER
DRAWING 4	ISOPACH BETWEEN 2005 TOPO. AND 2006 TOPO.
DRAWING 5	ISOPACH BETWEEN 2006 TOPO. AND FINAL GRADES
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2006 SITE DATA AND REPORT SUMMARY

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Trail Ridge Landfill										Business Unit 2487		
2											LF Section No. 00		
3													
4											Site Data		
5	Site Name		Trail Ridge Landfill										
6	Section Name												
7	Street Address		5110 U.S. Hwy 301										
8	City		Baldwin										
9	State (2-letter code)		FL		Zip		32234						
10	Group		Southern										
11	Annual Precipitation, in.		53										
12													
13	Prepared By:		Title		Phone No.								
14	Brian Dolihite		MA Engineer		850-301-2823								
15	Terri Garcia		SR. CAD Tech		713-328-7331								
16													
17													
18													
19													
20													
21													
22	Landfill Areas (acres)					2006 Flyover Date		2005 Flyover Date		2004 Flyover Date		2003 Flyover Date	
23						8-Feb-06		4-Apr-05		28-Mar-04		3-Apr-03	
24	Total Property Area controlled by WM					975.0		975.0		0.0		0.0	
25	Permitted waste footprint					154.0		154.0		0.0		0.0	
26	Expansion waste footprint (sum of all phases)					0.0		0.0		0.0		0.0	
27	Total waste footprint					154.0		154.0		0.0		0.0	
28	Area with waste in place					154.0		154.0		0.0		0.0	
29	Remaining area without waste in place					0.0		0.0		0.0		0.0	
30	Total lined area					154.0		154.0		0.0		0.0	
31	Area filled to final waste elevation					37.5		37.5		0.0		0.0	
32	Total capped area					23.5		23.5		0.0		0.0	
33													
34	Permitted Design Capacities (bcy)												
35	Permitted design capacity (waste & daily cover)					23,927,440		23,927,440		0		0	
36	Adjustments (permitted design modifications)					0		0		0		0	
37													
38	Remaining Permitted Capacity (bcy)												
39	Remaining permitted airspace (waste & daily cover)					10,718,295		11,653,360		0		0	
40	Expansion airspace					0		0		0		0	
41	Total remaining airspace (waste & daily cover)					10,718,295		11,653,360		0		0	
42	Remaining Airspace Utilization Factor					0.85		0.85		0.00		0.00	
43	Remaining permitted tonnage					9,110,551		9,905,356		0		0	
44	Expansion tonnage					0		0		0		0	
45	Total remaining tonnage (at current flyover date)					9,110,551		9,905,356		0		0	
46													
47	Remaining Constructed Capacity Above Current Lined Areas (bcy)												
48	Remaining constructed airspace (waste & d.c.)					10,718,115		11,653,360		0		0	
49	Remaining constructed tonnage					9,110,398		9,905,356		0		0	
50													
51	Soil Summary (bcy)												
52	Remaining material available from excavation					0		0		0		0	
53	Material available from off-site borrow areas					0		0		0		0	
54	Material available from stockpiles					180		32,950		0		0	
55	Total Soil Available					180		32,950		0		0	
56	Remaining final cover material					856,490		856,490		0		0	
57	Remaining liner material					0		0		0		0	
58	Material required for backfilling at excavation					0		0		0		0	
59	Remaining perimeter berm					0		0		0		0	
60	Daily Cover % from workbook					20%		0%		0%		0%	
61	Total Soil Required (excludes daily cover)					856,490		856,490		0		0	

2006 SITE DATA AND REPORT SUMMARY

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Airspace Consumption						2006 Flyover Date	2005 Flyover Date	2004 Flyover Date	2003 Flyover Date				
2							8-Feb-06	4-Apr-05	28-Mar-04	3-Apr-03				
3	Waste received in period (tons)						861,845	999,299	0	0				
4	Operational consumed (cy) (waste & daily cover)						1,019,105	1,153,155	0	0				
5	Effective consumed (cy) (waste & daily cover)						935,065	1,041,875	0	0				
6	Final cover consumption (cy)													
7	Final cover in place at previous flyover						180,265	180,265	0	0				
8	Final cover put down between flyovers						0	0	0	0				
9	Final cover in place at current flyover						180,265	180,265	0	0				
10	Liner material consumption (cy)													
11	Liner in place at previous flyover						621,150	621,150	0	0				
12	Liner put down between flyovers						0	0	0	0				
13	Liner in place at current flyover						621,150	621,150	0	0				
14														
15	A.U.F. (operational)													
16	Airspace utilization factor (T/CY)						0.85	0.87	0.00	0.00				
17	Airspace utilization factor (Lbs/CY)						1,691	1,733	0	0				
18														
19	A.U.F. (effective)													
20	Airspace utilization factor (T/CY)						0.92	0.96	0.00	0.00				
21	Airspace utilization factor (Lbs/CY)						1,843	1,918	0	0				
22														
23	A.U.F. (prediction model)													
24	Remaining airspace utilization factor (T/CY)						0.96	0.86	0.00	0.00				
25	Remaining airspace utilization factor (Lbs/CY)						1,929	1,720	0	0				
26														
27	Tonnage and Site Life						Trail Ridge Landfill							
28	(Tons provided by WM PMT)													
29		FLYOVER DATE	ACTUAL TONNAGE DURING PERIOD	ADDITIONAL TONNAGE (PROJECTIONS ONLY)	Date of Survey	Operational Consumed Volume (cu.yd.)	Effective Consumed Volume (cu.yd.)	Total In-Place Volume (cu.yd.)	Waste Received In Period (tons)	Total In-Place Tonnage	Operational AUF (T/cy)	Annual Effective AUF (T/cy)	Cumulative AUF (T/cy)	Life of Site AUF Goal (Rate Pack)
30	JAN	-	-	-	3/23/1999	921,188	921,188	921,188	547,516	547,516	0.59	0.59	0.59	0.85
31	FEB	-	-	-	1/21/2000	847,337	847,337	1,768,525	606,272	1,153,788	0.72	0.72	0.65	0.85
32	MAR	-	-	-	3/15/2002	2,757,648	2,757,648	4,526,173	1,771,910	2,925,698	0.64	0.64	0.65	0.85
33	APR	4/4/05	73,857	-	4/3/2003	1,248,460	1,248,460	5,774,633	899,759	3,825,457	0.72	0.72	0.66	0.85
34	MAY	-	84,048	-	3/28/2004	1,105,647	1,105,647	6,880,280	915,139	4,740,596	0.83	0.83	0.69	0.85
35	JUNE	-	88,913	-	4/4/2005	1,153,155	1,041,875	7,922,155	999,299	5,739,895	0.87	0.96	0.72	0.85
36	JULY	-	84,989	-	2/8/2006	1,019,105	935,065	8,857,220	861,845	6,601,740	0.85	0.92	0.75	0.85
37	AUG	-	96,225	-										
38	SEPT	-	84,896	-										
39	OCT	-	79,308	-										
40	NOV	-	79,655	-										
41	DEC	-	82,242	-										
42	JAN	-	86,011	-										
43	FEB	2/8/06	21,702	-										
44	MAR	-		-										
45	APR	-		-										
46	MAY	-		-										
47	JUNE	-		-										
48	JULY	-		-										
49	AUG	-		-										
50	SEPT	-		-										
51	OCT	-		-										
52	NOV	-		-										
53	DEC	-		-										
54	TOTAL TONS:		861,845											
55														
56														
57	Comments													
58	1. Final cover thickness: 4 ft.													
59	2. Liner thickness: 2.5 ft.; 6" CLAY, GCL, 2' OPS. LAYER													
60														
61														
62														
63														
64														
65														



AUF Prediction Model

Landfill Name

Trail Ridge Landfill

District No.

?

Engineer

?

Date Completed

?

auto input

Input cells

Output cells

no data required

INPUT

Landfill Information Input

Average annual precipitation, in.

53

from rate workbook or climate map

Leachate recirculation? No = 1, Yes = 2

1

from site engineer

Waste Stream Composition, %

MSW

?

C&D

?

Sludge

?

Contaminated Soil / foundry sand

?

Other waste

?

Cover soil ratio, %

?

Remaining Airspace Input

Remaining Airspace, bank cubic yards

10,718,295

from air report

Remaining Area with capacity (partial & no fill), acres

116.5

from air report

Typical time to fill from base grade to final grade, years

5

from rate workbook or site engineer

Existing Landfill AUF Input

AUF from initial compaction (tons/bcy)

0.81

3 year average of operational AUF

OUTPUT

AUF after Primary Settlement, tons/bcy

0.90

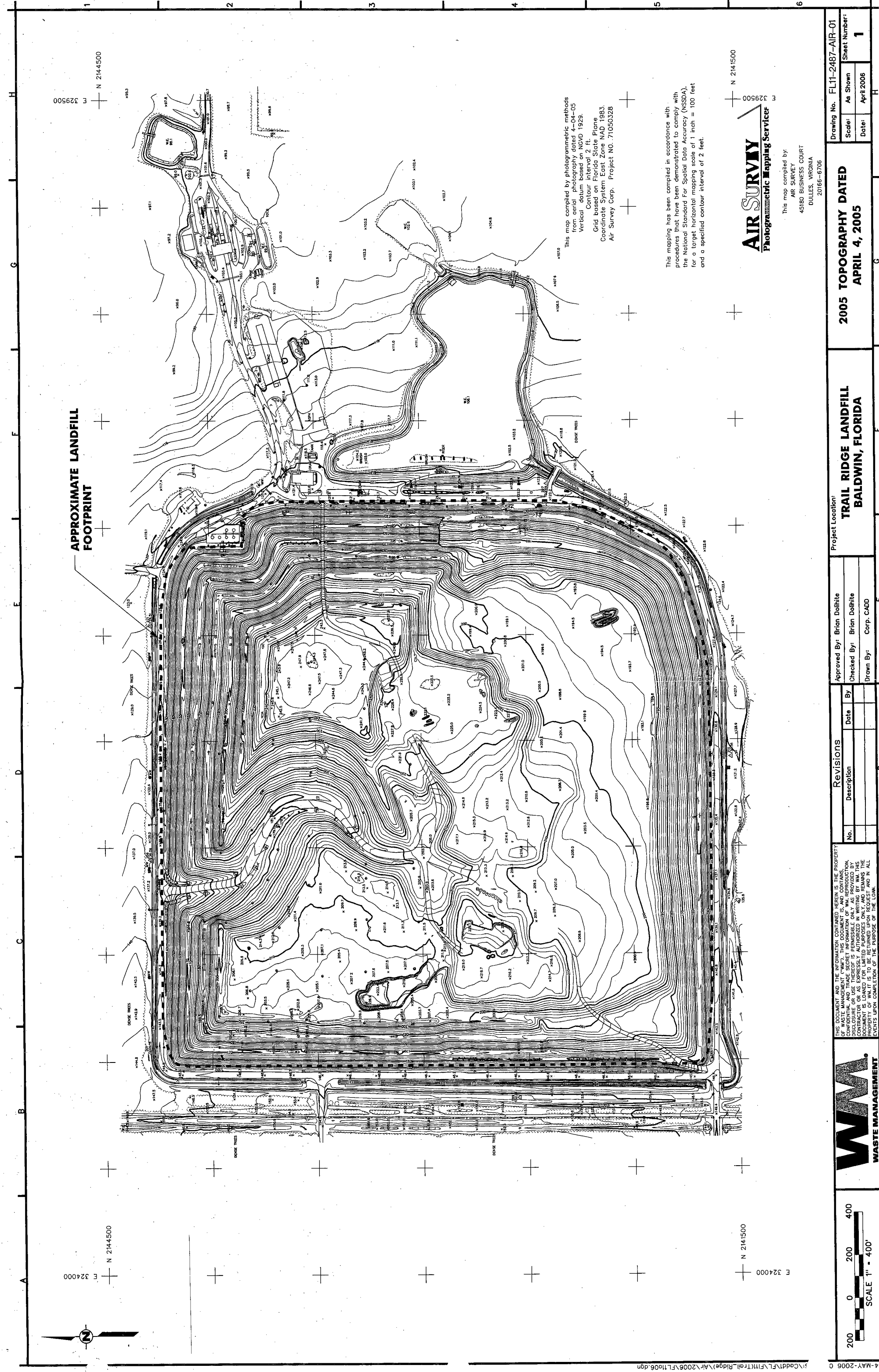
Secondary Settlement AUF Increase, %

7.5

Predicted Remaining AUF

0.96

See
Instruction
Sheet for Rate
Workbook
Locations for
Input
Information



APPROXIMATE LANDFILL
FOOTPRINT

This map compiled by photogrammetric methods
from aerial photography dated 4-04-05
Vertical datum based on NGVD 1929.
Contour interval 2 ft.
Grid based on Florida State Plane
Coordinate System East Zone NAD 1983
Air Survey Corp. Project NO. 71050328

This mapping has been compiled in accordance with
procedures that have been demonstrated to comply with
the National Standard For Spatial Data Accuracy (NSDA),
for a target horizontal mapping scale of 1 inch = 100 feet
and a specified contour interval of 2 feet.

AIR SURVEY
Photogrammetric Mapping Services

This map compiled by:
AIR SURVEY
43180 BUSINESS COURT
DULLES, VIRGINIA
20156-6706

Drawing No.	FL11-2487-AIR-01
Scale:	As Shown
Date:	April 2006
Sheet Number:	1

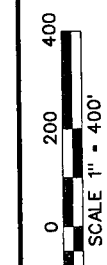
**2005 TOPOGRAPHY DATED
APRIL 4, 2005**

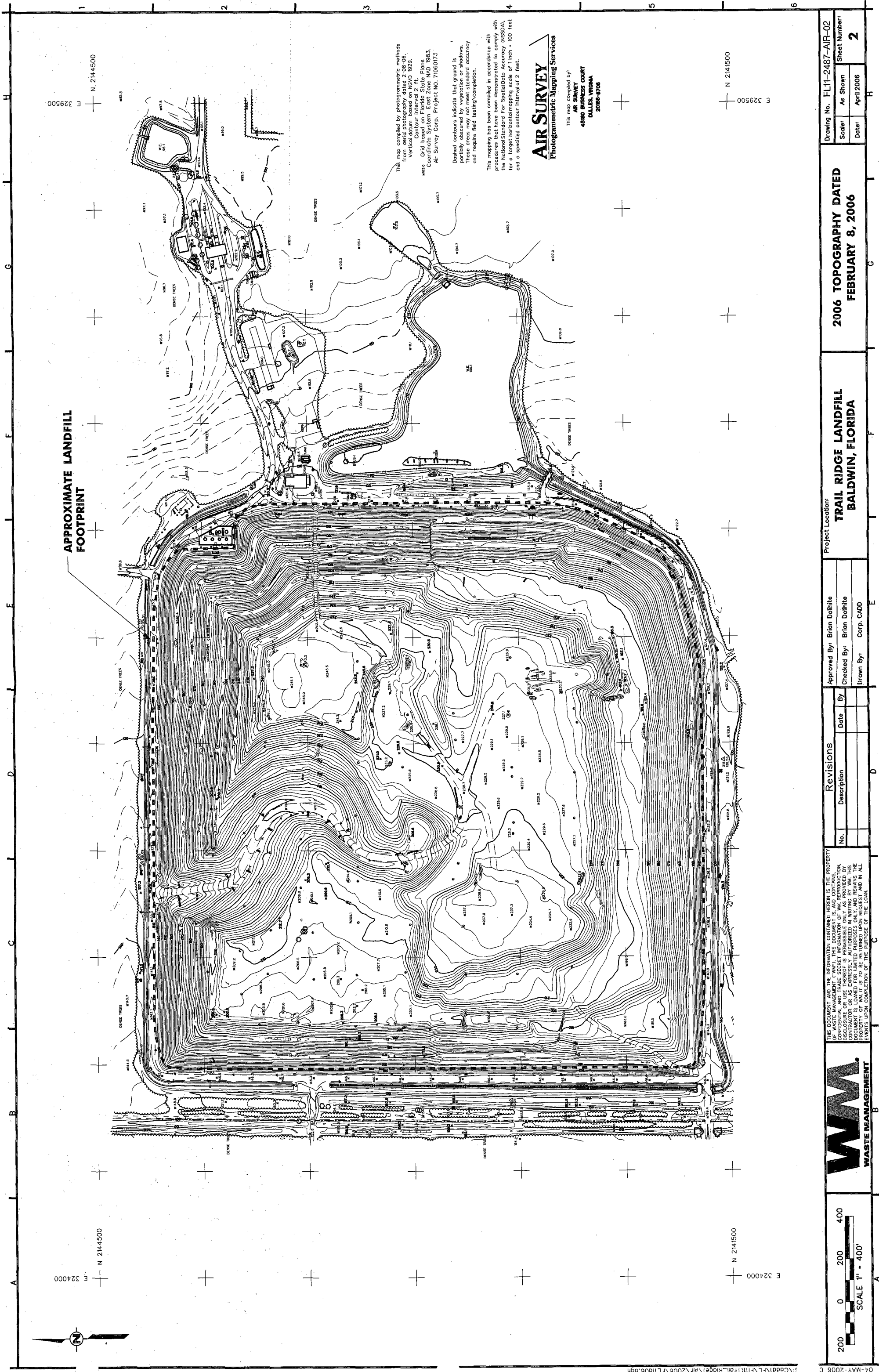
**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

Approved By: Brian Dalhite
Checked By: Brian Dalhite
Drawn By: Corp. CAD

Revisions		
No.	Description	Date

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THE WRITTEN PERMISSION OF WASTE MANAGEMENT.





APPROXIMATE LANDFILL
FOOTPRINT

This map compiled by photogrammetric methods from aerial photography dated 2-08-06. Vertical datum based on NAVD 1929. Contour interval 2 ft. Plane Coordinate System, East Zone NAD 1983. Air Survey Corp. Project NO. 71060173.

Dashed contours indicate that ground is partially obscured by vegetation or shadows. These are not to be used for engineering or other purposes requiring high accuracy and require field testing/completion.

This mapping has been compiled in accordance with procedures that have been demonstrated to comply with the National Standard For Spatial Data Accuracy (NSSDA), for a target horizontal mapping scale of 1 inch = 100 feet and a specified contour interval of 2 feet.

AIR SURVEY
Photogrammetric Mapping Services

This map compiled by:
AIR SURVEY
4580 BUSINESS COURT
DULLES, VIRGINIA
20186-8708

Drawing No. FL11-2487-AIR-02		
Scale:	As Shown	Sheet Number:
Date:	April 2006	2

**2006 TOPOGRAPHY DATED
FEBRUARY 8, 2006**

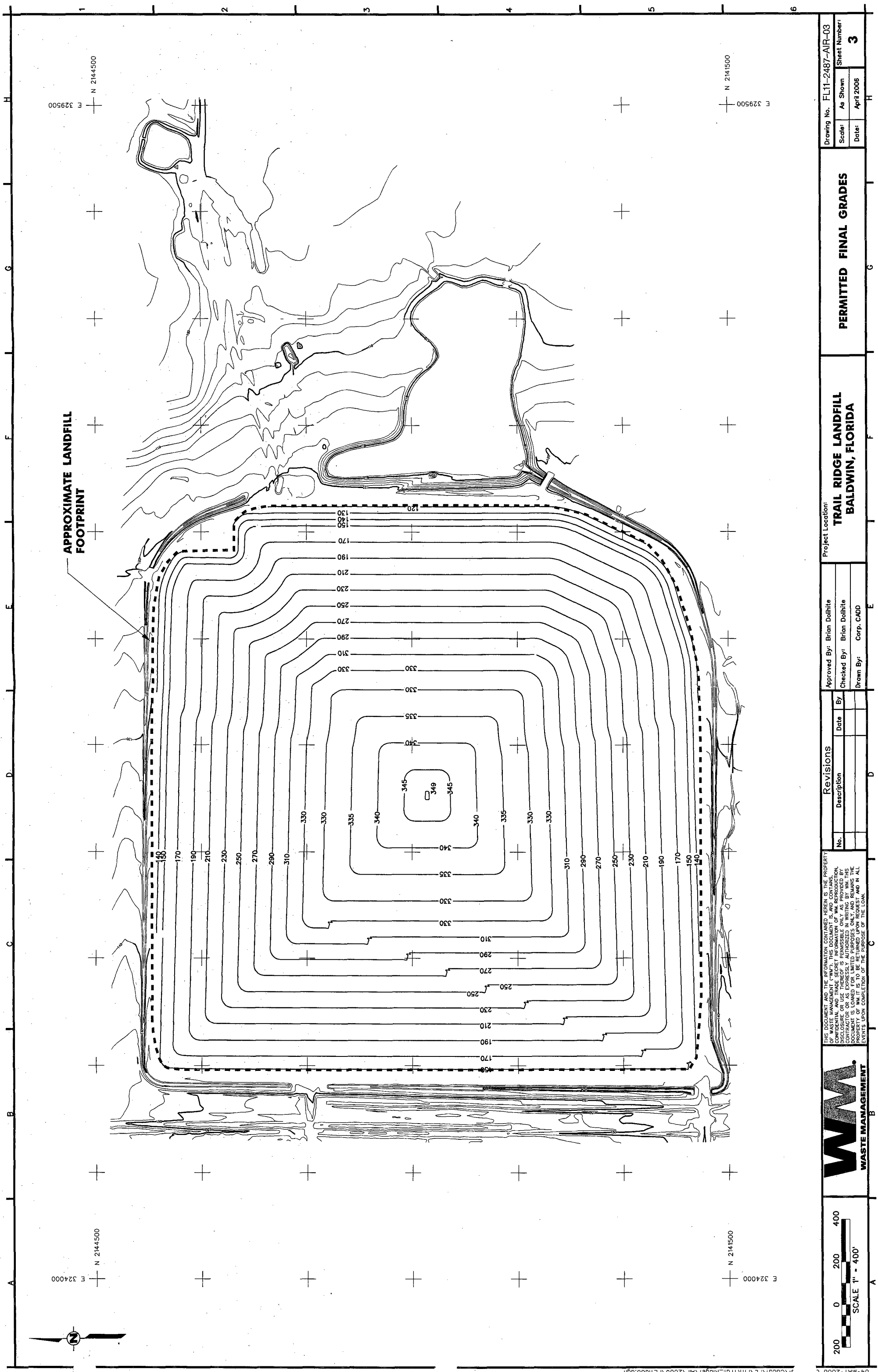
**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

Approved By: Brian Dolhite
Checked By: Brian Dolhite
Drawn By: Corp. CADD

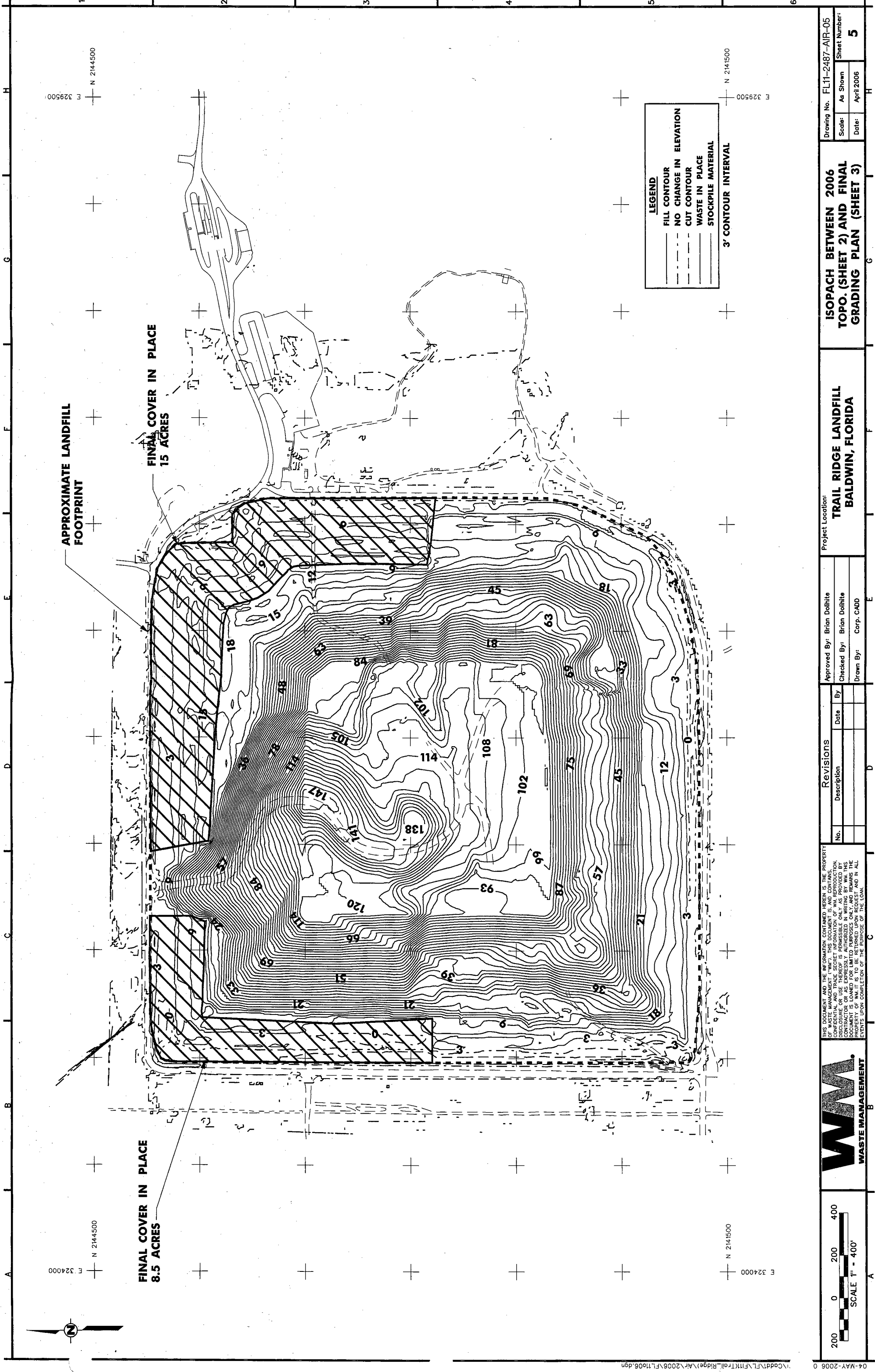
Revisions		
No.	Description	Date

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Drawing No. FL11-2487-AIR-03		Project Location:		Approved By: Brian Dolhite		Revisions		This document and the information contained herein is the property of Waste Management ("WM"). This document is, and contains, confidential and trade secret information of WM. Reproduction, distribution, or use of this document by any person other than WM is strictly prohibited. WM does not warrant the accuracy or completeness of the information contained herein. WM is not responsible for any errors or omissions in this document. WM is not responsible for any damages, including consequential damages, arising from the use of this document. WM is not responsible for any claims, damages, or liabilities arising from the use of this document. WM is not responsible for any claims, damages, or liabilities arising from the use of this document.		WASTE MANAGEMENT	
Scale:	As Shown	Trail Ridge Landfill Baldwin, Florida		Checked By: Brian Dolhite		No.		CONFIDENTIAL AND TRADE SECRET INFORMATION OF WM. REPRODUCTION, DISTRIBUTION, OR USE OF THIS DOCUMENT BY ANY PERSON OTHER THAN WM IS STRICTLY PROHIBITED. WM DOES NOT WARRANT THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. WM IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DOCUMENT. WM IS NOT RESPONSIBLE FOR ANY DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS DOCUMENT. WM IS NOT RESPONSIBLE FOR ANY CLAIMS, DAMAGES, OR LIABILITIES ARISING FROM THE USE OF THIS DOCUMENT.		WM	
Date:	April 2006			Drawn By: Corp. CAD		Description				WASTE MANAGEMENT	
Sheet Number:						Date				WASTE MANAGEMENT	
3										WASTE MANAGEMENT	





England-Thims & Miller, Inc.

ENGINEERS • PLANNERS • SURVEYORS • GIS • LANDSCAPE ARCHITECTS

DUAL

June 27, 2006

Mr. Emerson Raulerson, P. E.
Department of Environmental Protection
Solid Waste Section
7825 Baymeadows Way, Suite B-200
Jacksonville, Florida 32256

Principals

Douglas C. Miller, P.E., CEO
N. Hugh Mathews, P.E., President
Joseph A. Tarver, Exec., V.P.
Juanitta Bader Clem, P.E., V.P.
Scott A. Wild, P.E., PSM, V.P.
Samuel R. Crissinger, CFO, V.P.
Robert A. Mizell, Jr., P.E., V.P.
Thomas N. Fallin, P.E., V.P.

Emeritus

James E. England, P.E.
Robert E. Thims

Reference: Trail Ridge Landfill
Maximum Daily Tonnage
E05191-000

Dear Mr. Raulerson:

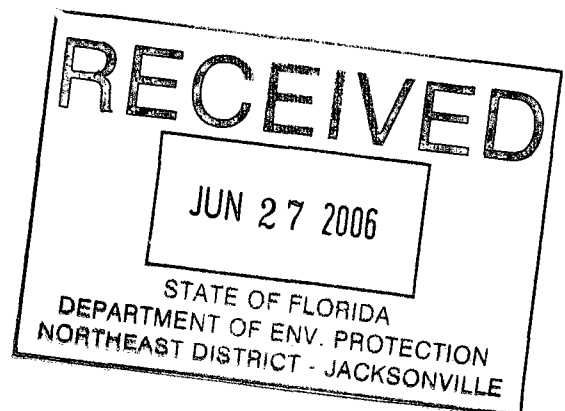
On behalf of Trail Ridge Landfill, Inc., we hereby notify the Department that Trail Ridge Landfill has exceeded the maximum daily tonnage on June 1st (5288 tons) and 2nd (5038 tons) due to an unexpected increase in contaminated dirt being at the facility. The current FDEP Permit No. 0013493-010-SC authorizes a maximum daily tonnage of 5000 tons per day. In order to maintain compliance with the permit and avoid future exceedances, Trail Ridge Landfill, Inc. has requested that England, Thims & Miller, Inc., prepare a permit modification to increase the maximum daily tonnage from 5000 tons to 7000 tons per day. We will work on the application expeditiously in order to get the permit modification submitted to the Department as soon as possible. We hereby request a pre-application meeting with you, to discuss the application and information needed for the permit application package.

Please call me at 265-3132 at your earliest convenience so we can schedule the pre-application meeting. Your assistance is greatly appreciated.

Sincerely,
ENGLAND, THIMS & MILLER, INC.

Francis Dayao
Francis Dayao, P. E.
Project Engineer

Copy to: Greg Mathes
Juanitta Clem, ETM



DUAL



England-Thims & Miller, Inc.

ENGINEERS • PLANNERS • SURVEYORS • GIS • LANDSCAPE ARCHITECTS

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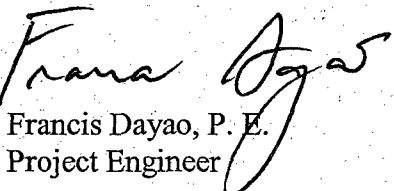
Reference: Trail Ridge Landfill
Maximum Daily Tonnage
E05191-000

Dear Mr. Raulerson:

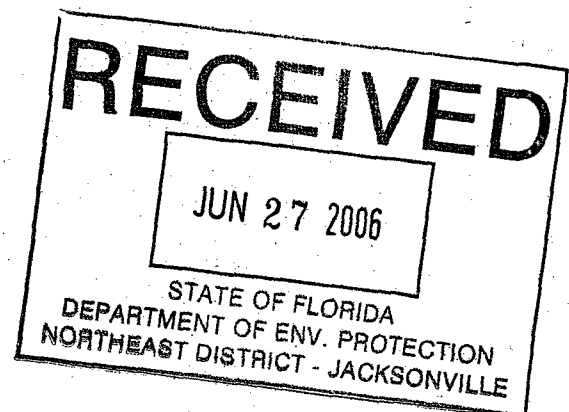
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Francis Dayao, P. E.
Project Engineer

Copy to: Greg Mathes
Juanitta Clem, ETM



TRAIL RIDGE LANDFILL
SITE LIFE CALCULATIONS
2006

RECEIVED

MAY 09 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION
NORTHEAST DISTRICT - JACKSONVILLE

Remaining Airspace:

Remaining Airspace as per 2006 Airspace Report is 10,718,295 cubic yards*.

Average Waste Density = 0.75 tons/CY*

Annual Tonnage Calculations

Annual Tonnage based on waste received from April 5, 2005 to February 8, 2006:

$$\frac{861,845 \text{ tons}^*}{300 \text{ days}} \times \frac{365 \text{ days}}{\text{year}} = 1,048,578 \text{ tons per year}$$


Remaining Site Life:

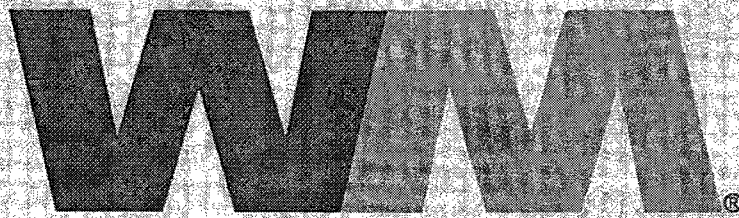
$$\text{Remaining Site Life} = \frac{\text{Remaining Airspace} \times \text{Average Waste Density}}{\text{Annual Tonnage}}$$

$$= \frac{10,718,295 \text{ CY} \times 0.75 \text{ tons/CY}}{1,048,578 \text{ tons per year}} = 7.67 \text{ years}$$

Note: Site Life Calculations are based on annual tonnage receipts and cumulative density measured to date; Future changes in the actual waste receipts and average waste density will affect Remaining Site Life.

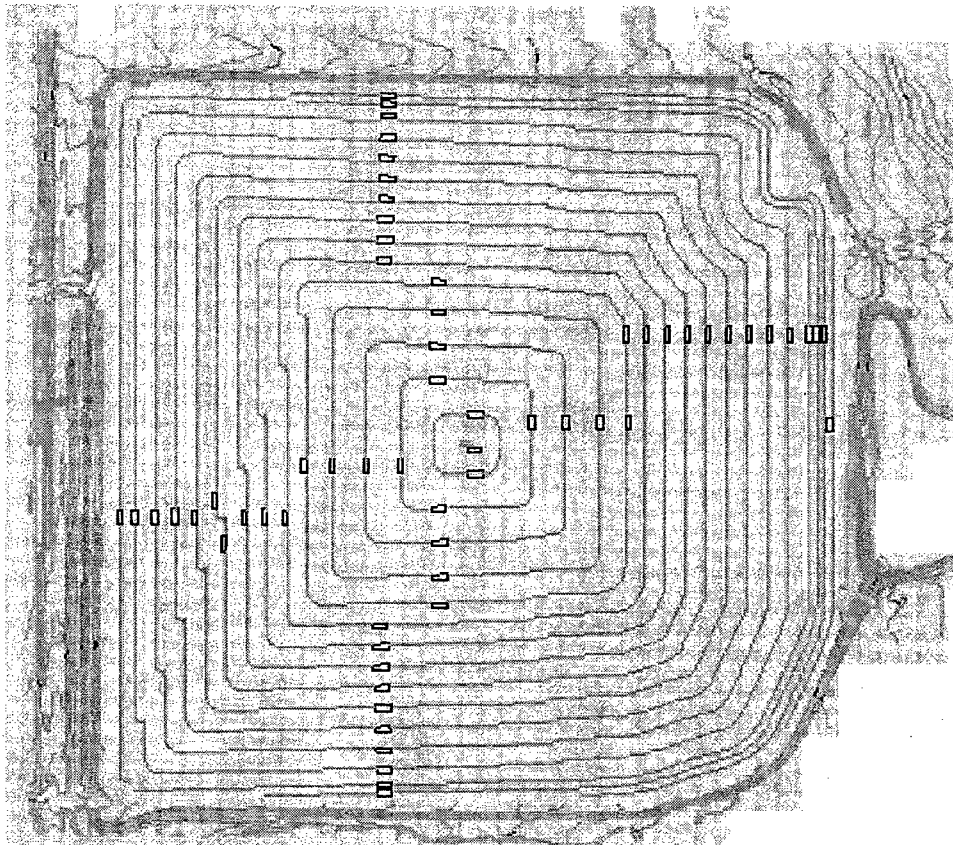
*** Source: Trail Ridge Landfill, Inc./Waste Management, 2006 Airspace Report**


Juanita Bader Clem, P.E. #43245
5/2/06



WASTE MANAGEMENT

TRAIL RIDGE LANDFILL




2006 Airspace Report

TRAIL RIDGE LANDFILL

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2006 SITE DATA AND REPORT SUMMARY

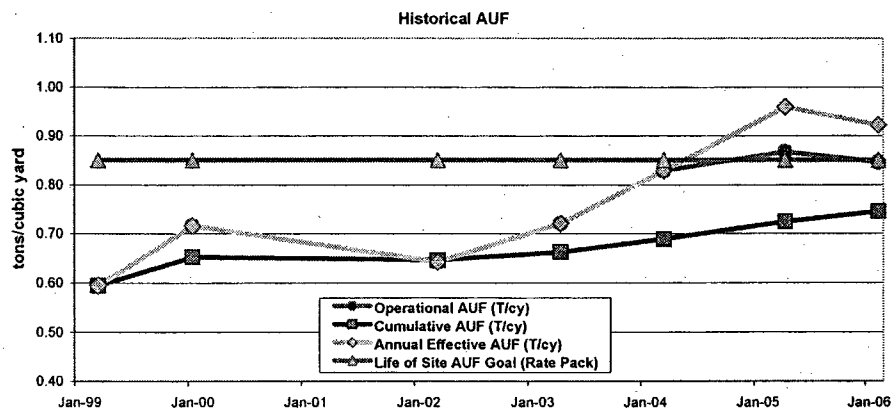
	A	B	C	D	E	F	G	H	I	J	K	L	M			
1	Trail Ridge Landfill										Business Unit 2487					
2											LF Section No. 00					
3																
4											Site Data					
5	Site Name		Trail Ridge Landfill													
6	Section Name															
7	Street Address		5110 U.S. Hwy 301													
8	City		Baldwin													
9	State (2-letter code)		FL		Zip		32234									
10	Group		Southern													
11	Annual Precipitation, in.		53													
12																
13	Prepared By:		Title		Phone No.											
14	Brian Dolihite		MA Engineer		850-301-2823											
15	Terri Garcia		SR. CAD Tech.		713-328-7331											
16																
17																
18																
19																
20																
21																
22	Landfill Areas (acres)					2006 Flyover Date		2005 Flyover Date		2004 Flyover Date		2003 Flyover Date				
23						8-Feb-06		4-Apr-05		28-Mar-04		3-Apr-03				
24	Total Property Area controlled by WM					975.0		975.0		0.0		0.0				
25	Permitted waste footprint					154.0		154.0		0.0		0.0				
26	Expansion waste footprint (sum of all phases)					0.0		0.0		0.0		0.0				
27	Total waste footprint					154.0		154.0		0.0		0.0				
28	Area with waste in place					154.0		154.0		0.0		0.0				
29	Remaining area without waste in place					0.0		0.0		0.0		0.0				
30	Total lined area					154.0		154.0		0.0		0.0				
31	Area filled to final waste elevation					37.5		37.5		0.0		0.0				
32	Total capped area					23.5		23.5		0.0		0.0				
33																
34	Permitted Design Capacities (bcy)															
35	Permitted design capacity (waste & daily cover)					23,927,440		23,927,440		0		0				
36	Adjustments (permitted design modifications)					0		0		0		0				
37																
38	Remaining Permitted Capacity (bcy)															
39	Remaining permitted airspace (waste & daily cover)					10,718,295		11,653,360		0		0				
40	Expansion airspace					0		0		0		0				
41	Total remaining airspace (waste & daily cover)					10,718,295		11,653,360		0		0				
42	Remaining Airspace Utilization Factor					0.85		0.85		0.00		0.00				
43	Remaining permitted tonnage					9,110,551		9,905,356		0		0				
44	Expansion tonnage					0		0		0		0				
45	Total remaining tonnage (at current flyover date)					9,110,551		9,905,356		0		0				
46																
47	Remaining Constructed Capacity Above Current Lined Areas (bcy)															
48	Remaining constructed airspace (waste & d.c.)					10,718,115		11,653,360		0		0				
49	Remaining constructed tonnage					9,110,398		9,905,356		0		0				
50																
51	Soil Summary (bcy)															
52	Remaining material available from excavation					0		0		0		0				
53	Material available from off-site borrow areas					0		0		0		0				
54	Material available from stockpiles					180		32,950		0		0				
55	Total Soil Available					180		32,950		0		0				
56	Remaining final cover material					856,490		856,490		0		0				
57	Remaining liner material					0		0		0		0				
58	Material required for backfilling at excavation					0		0		0		0				
59	Remaining perimeter berm					0		0		0		0				
60	Daily Cover % from workbook					20%		0%		0%		0%				
61	Total Soil Required (excludes daily cover)					856,490		856,490		0		0				

2006 SITE DATA AND REPORT SUMMARY

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Airspace Consumption						2006 Flyover Date	2005 Flyover Date	2004 Flyover Date	2003 Flyover Date				
2							8-Feb-06	4-Apr-05	28-Mar-04	3-Apr-03				
3	Waste received in period (tons)						861,845	999,299	0	0				
4	Operational consumed (cy) (waste & daily cover)						1,019,105	1,153,155	0	0				
5	Effective consumed (cy) (waste & daily cover)						935,065	1,041,875	0	0				
6	Final cover consumption (cy)													
7	Final cover in place at previous flyover						180,265	180,265	0	0				
8	Final cover put down between flyovers						0	0	0	0				
9	Final cover in place at current flyover						180,265	180,265	0	0				
10	Liner material consumption (cy)													
11	Liner in place at previous flyover						621,150	621,150	0	0				
12	Liner put down between flyovers						0	0	0	0				
13	Liner in place at current flyover						621,150	621,150	0	0				
14														
15	A.U.F. (operational)													
16	Airspace utilization factor (T/CY)						0.85	0.87	0.00	0.00				
17	Airspace utilization factor (Lbs/CY)						1,691	1,733	0	0				
18														
19	A.U.F. (effective)													
20	Airspace utilization factor (T/CY)						0.92	0.96	0.00	0.00				
21	Airspace utilization factor (Lbs/CY)						1,843	1,918	0	0				
22														
23	A.U.F. (prediction model)													
24	Remaining airspace utilization factor (T/CY)						0.96	0.86	0.00	0.00				
25	Remaining airspace utilization factor (Lbs/CY)						1,929	1,720	0	0				
26														
27	Tonnage and Site Life						Trail Ridge Landfill							
28	(Tons provided by WM PMT)													
29		FLYOVER DATE	ACTUAL TONNAGE DURING PERIOD	ADDITIONAL TONNAGE (PROJECTIONS ONLY)	Date of Survey	Operational Consumed Volume (cu.yd.)	Effective Consumed Volume (cu.yd.)	Total In-Place Volume (cu.yd.)	Waste Received In Period (tons)	Total In-Place Tonnage	Operational AUF (T/cy)	Annual Effective AUF (T/cy)	Cumulative AUF (T/cy)	Life of Site AUF Goal (Rate Pack)
30	JAN	-	-	-	3/23/1999	921,188	921,188	921,188	547,516	547,516	0.59	0.59	0.59	0.85
31	FEB	-	-	-	1/21/2000	847,337	847,337	1,768,525	606,272	1,153,788	0.72	0.72	0.65	0.85
32	MAR	-	-	-	3/15/2002	2,757,648	2,757,648	4,526,173	1,771,910	2,925,698	0.64	0.64	0.65	0.85
33	APR	4/4/05	73,857	-	4/3/2003	1,248,460	1,248,460	5,774,633	899,759	3,825,457	0.72	0.72	0.66	0.85
34	MAY	-	84,048	-	3/28/2004	1,105,647	1,105,647	6,880,280	915,139	4,740,596	0.83	0.83	0.69	0.85
35	JUNE	-	88,913	-	4/4/2005	1,153,155	1,041,875	7,922,155	999,299	5,739,895	0.87	0.96	0.72	0.85
36	JULY	-	84,989	-	2/8/2006	1,019,105	935,065	8,857,220	861,845	6,601,740	0.85	0.92	0.75	0.85
37	AUG	-	96,225	-										
38	SEPT	-	84,896	-										
39	OCT	-	79,308	-										
40	NOV	-	79,655	-										
41	DEC	-	82,242	-										
42	JAN	-	86,011	-										
43	FEB	2/8/06	21,702	-										
44	MAR	-	-	-										
45	APR	-	-	-										
46	MAY	-	-	-										
47	JUNE	-	-	-										
48	JULY	-	-	-										
49	AUG	-	-	-										
50	SEPT	-	-	-										
51	OCT	-	-	-										
52	NOV	-	-	-										
53	DEC	-	-	-										
54	TOTAL TONS:		861,845											
55														
56														
57	Comments													
58	1. Final cover thickness: 4 ft.													
59	2. Liner thickness: 2.5 ft.; 6" CLAY, GCL, 2' OPS. LAYER													
60														
61														
62														
63														
64														
65														

Historical AUF

Year	Operational AUF (T/cy)	Cumulative AUF (T/cy)	Annual Effective AUF (T/cy)	Life of Site AUF Goal (Rate Pack)
Jan-99	0.59	0.59	0.59	0.85
Jan-00	0.72	0.65	0.72	0.85
Jan-01	0.64	0.65	0.64	0.85
Jan-02	0.72	0.66	0.72	0.85
Jan-03	0.83	0.69	0.83	0.85
Jan-04	0.87	0.72	0.87	0.85
Jan-05	0.92	0.75	0.92	0.85
Jan-06	0.85	0.75	0.85	0.85



AUF Prediction Model

Landfill Name

Trail Ridge Landfill

District No.

?

Engineer

?

Date Completed

?

auto input

Input cells

Output cells

no data required

INPUT

Landfill Information Input

Average annual precipitation, in.

53

from rate workbook or climate map

Leachate recirculation? No = 1, Yes = 2

1

from site engineer

Waste Stream Composition, %

MSW

?

C&D

?

Sludge

?

Contaminated Soil / foundry sand

?

Other waste

?

Cover soil ratio, %

?

Remaining Airspace Input

Remaining Airspace, bank cubic yards

10,718,295

from air report

Remaining Area with capacity (partial & no fill), acres

116.5

from air report

Typical time to fill from base grade to final grade, years

5

from rate workbook or site engineer

Existing Landfill AUF Input

AUF from initial compaction (tons/bcy)

0.81

3 year average of operational AUF

OUTPUT

AUF after Primary Settlement, tons/bcy

0.90

Secondary Settlement AUF Increase, %

7.5

Predicted Remaining AUF

0.96

See
Instruction
Sheet for Rate
Workbook
Locations for
Input
Information

APPROXIMATE LANDFILL
FOOTPRINT

N 2141500
E 329500

N 2141500
E 3294000

N 2141500
E 329500

N 2141500
E 3294000

This map compiled by photogrammetric methods
from aerial photography dated 4-01-05
Vertical datum is NAVD 83
Horizontal datum is NAD 83
Grid based on Florida State Plane
Coordinates are in feet
Call for more information
J.E. Survey Corp. Project No. 71000328

This map has been compiled in accordance with
procedures that have been demonstrated to comply with
the National Standards for Spatial Data Accuracy (NSDA).
For a complete description of the procedures used, see the
NSDA and a detailed contour interval of 2 feet.

AIR SURVEY
Photogrammetric Mapping Services

Map compiled by
J.E. Survey Corp.
4580 BARNES COURT
DALLAS, TEXAS 75246-1706

Drawing No. FL11-2487-AIR-01
Sheet No. 1
Date: April 2006

**2005 TOPOGRAPHY DATED
APRIL 4, 2005**

**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

Project Location

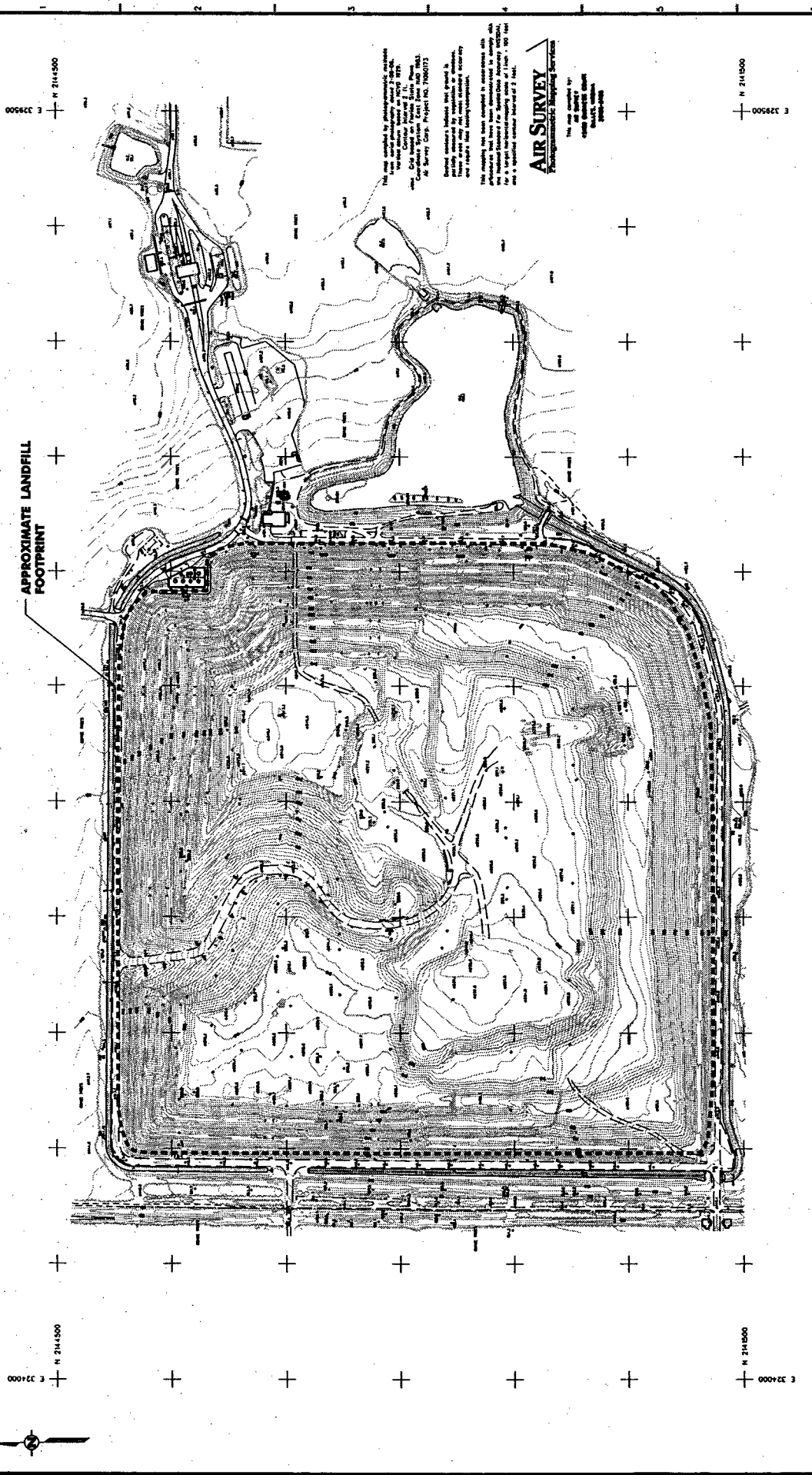
Approved By: Brian Doherty
Checked By: Brian Doherty
Drawn By: Corp. CAD

REVISIONS	
No.	Description

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WM
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and was compiled by photographer's assistant
Nancy L. Smith, 21, of 10000 N. 10th St.,
North Las Vegas. Smith is on duty with
Continental between 2 p.m. and 4 p.m.
and is based on Prater State Plaza,
Clark County Courthouse, Las Vegas.
Clark County Sheriff's Office, 1000 N. 3rd
St., Las Vegas Corp. Project No. 70660733

AIR SURVEY

This map compiled by:
 MS. 2000-2
 2000-2000
 2000-2000

Drawing No. FL11-2487-AIF-02	
Scale:	As Shown
Date:	April 2008
Sheet Number: 2	

**2006 TOPOGRAPHY DATED
FEBRUARY 8, 2006**

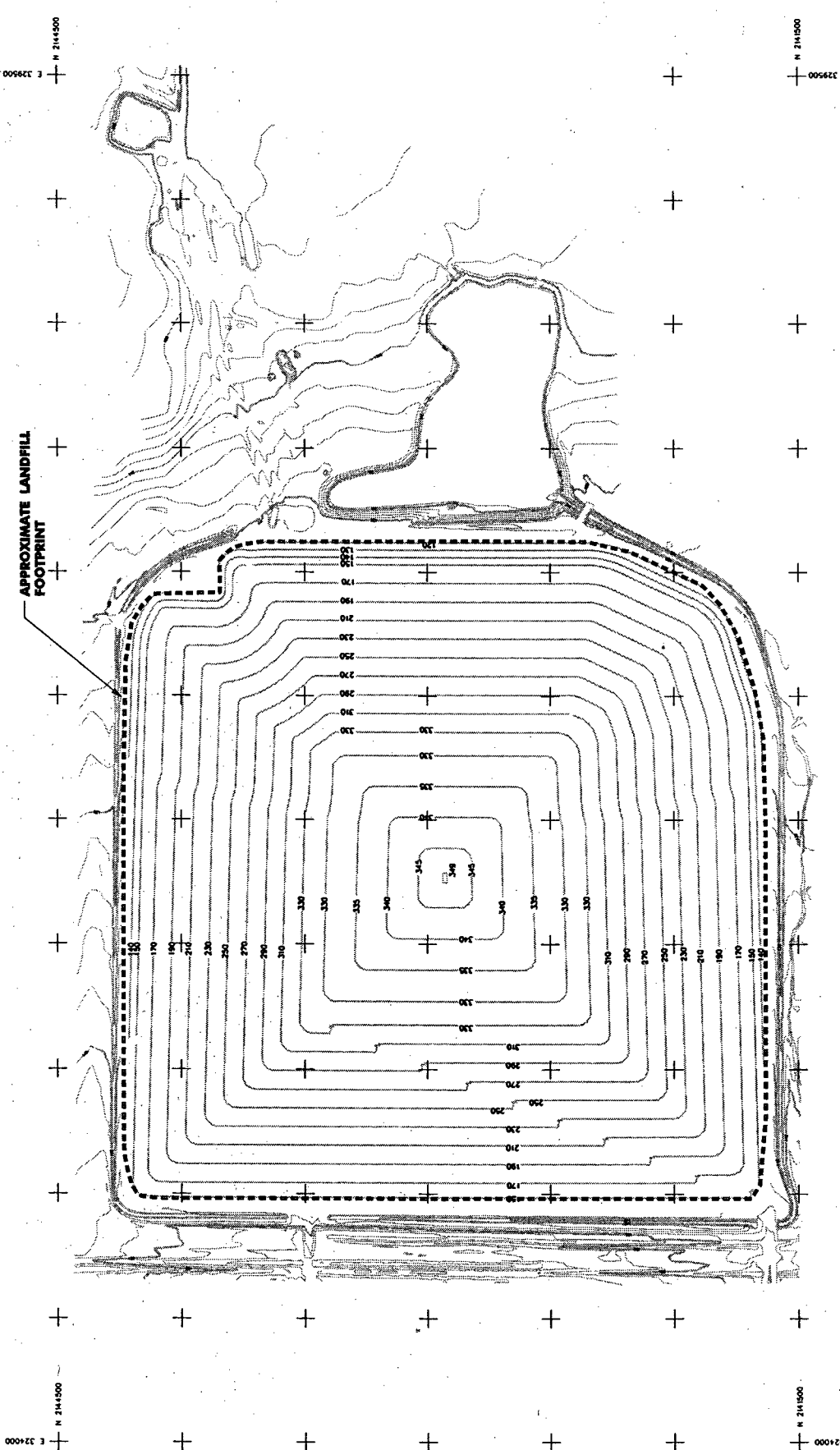
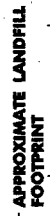
**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

Approved By:	Oren Dathile
Checked By:	Oren Dathile
Drawn By:	Cara CASH

Revisions	
No.	Description

[illegible]

FL11a06.dgn 4/5/2006 7:56:21 AM



Drawing No. FL11-2487-AJR-03		Sheet Number! 3
Scale:	As Shown	
Date:	April 2006	

PERMITTED FINAL GRADES

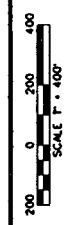
**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

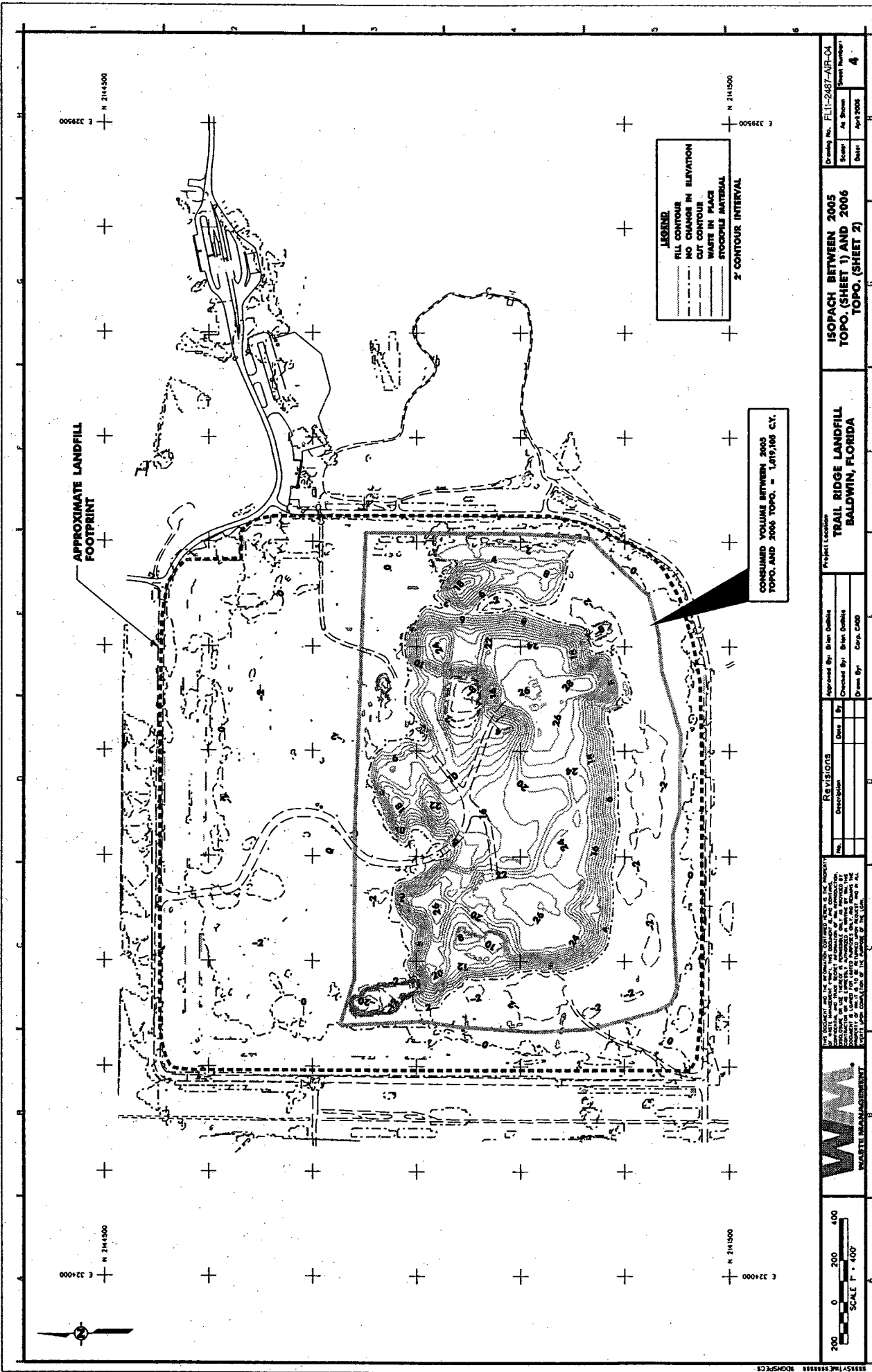
Project Locations

Approved By:	Brian Doherty
Checked By:	Brian Doherty
Drawing By:	Corey Cadd

[illegible]

THE NEW JERSEY COURT SYSTEM HAS TO BE REFORMED, AND THE JUDICIAL BRANCH HAS TO BE REORGANIZED, THE GOVERNOR HAS TO SAY THAT. THE JUDICIAL BRANCH HAS TO BE REORGANIZED, THE GOVERNOR HAS TO SAY THAT. THE JUDICIAL BRANCH HAS TO BE REORGANIZED, THE GOVERNOR HAS TO SAY THAT.





Legend

- Solid line: FILL CONTOUR
- Dashed line: NO CHANGE IN ELEVATION
- Dotted line: CUT CONTOUR
- Long dashed line: WASTE IN PLACE
- Short dashed line: STOCKPILE MATERIAL

2' CONTOUR INTERVAL

Consumed Volume Between 2005 TOPO AND 2006 TOPO = 1,019,106 CY.

Trail Ridge Landfill
BALDWIN, FLORIDA

ISOPACH BETWEEN 2005 TOPO (SHEET 1) AND 2006 TOPO (SHEET 2)

Revisions

No.	Description	Date	By

Project Location

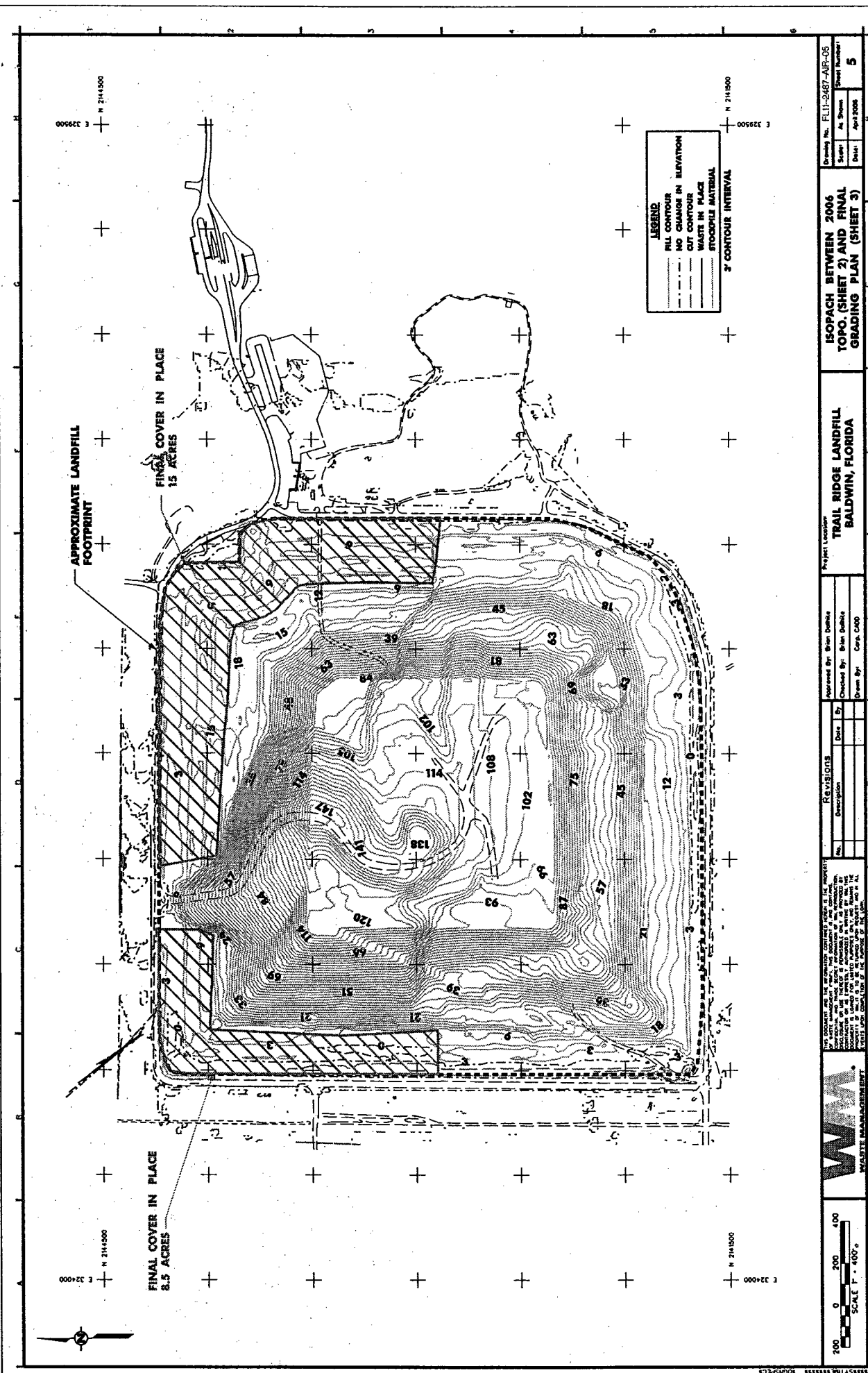
Trail Ridge Landfill
BALDWIN, FLORIDA

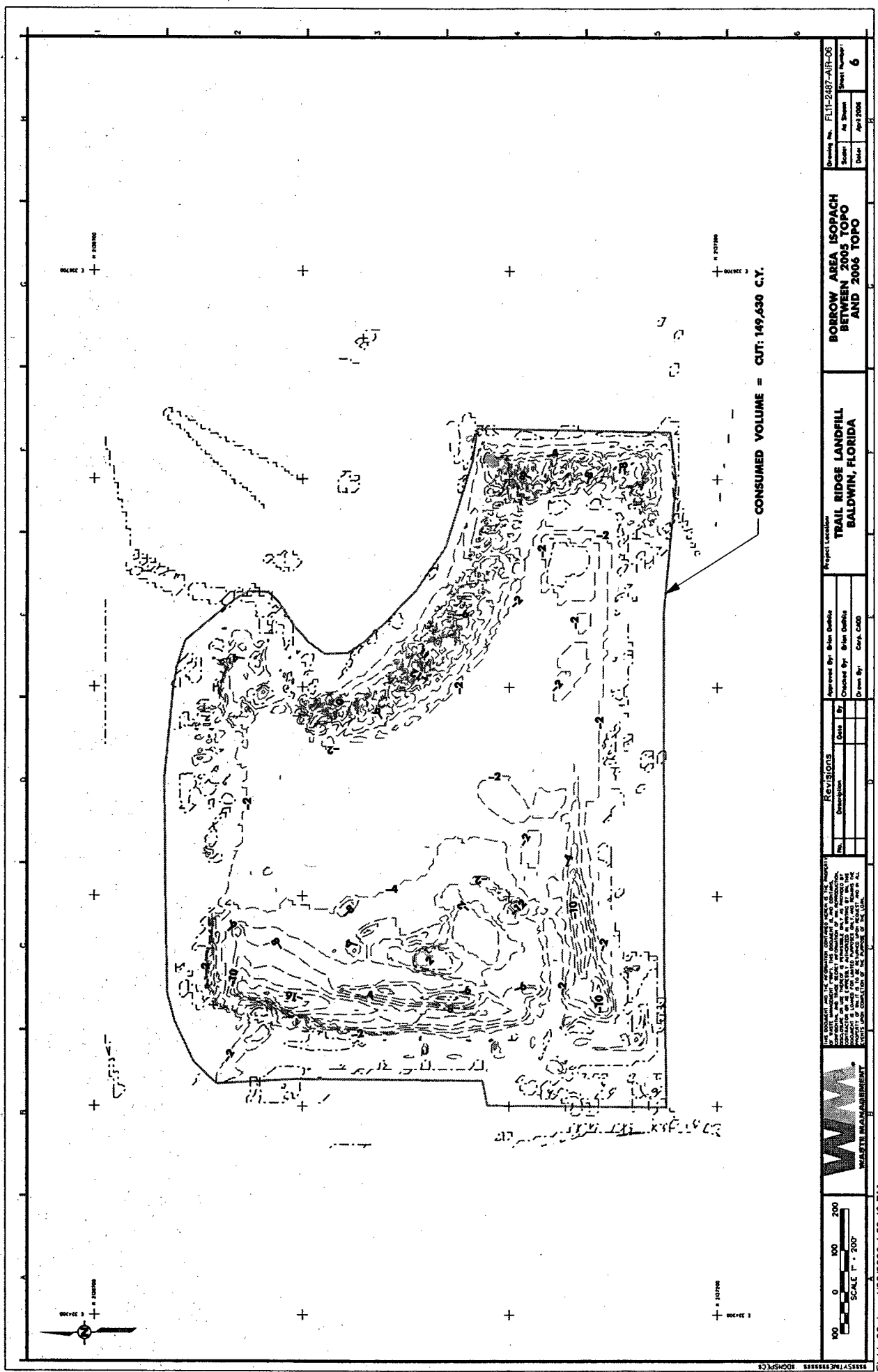
Approved By: Brian DeBelle
Checked By: Brian DeBelle
Drawn By: Corp. CAD

Drawing No.: FL11-2487-AIR-04
Sheet Number: 4
Date: April 2006

WM
WASTE MANAGEMENT

Scale: 1" = 400'
Scale: 1" = 400'





Drawing No.	FL11-2487-AIR-06
Scale	As Shown
Date	April 2006
Sheet Number	6

**BORROW AREA ISOPACH
BETWEEN 2005 TOPO
AND 2006 TOPO**

**TRAIL RIDGE LANDFILL
BALDWIN, FLORIDA**

Project Location

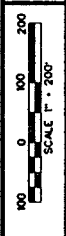
Approved By:	Brian Bellows
Checked By:	Brian Bellows
Drawn By:	Chris CAD

REVISIONS	
No.	Description

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WASTE MANAGEMENT





Sally
TRAIL RIDGE LANDFILL, INC.
5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 FAX

May 8, 2006

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**RE: FDEP Permit Number: 0013493-010-SC
Trail Ridge Landfill
Annual Topographic Survey for 2006**

Dear Ms. Nogas:

In accordance with Specific Condition 9 of the referenced permit, we are enclosing the annual topographical survey for Trail Ridge Landfill. The current permitted maximum design elevation is 350.6 feet MSL. The survey indicates the site is well below this elevation. The terraces, toe of slope, and other features of the site are easily identifiable from this survey.

Please call me at 289-9100 if you have any questions or comments concerning this enclosure.

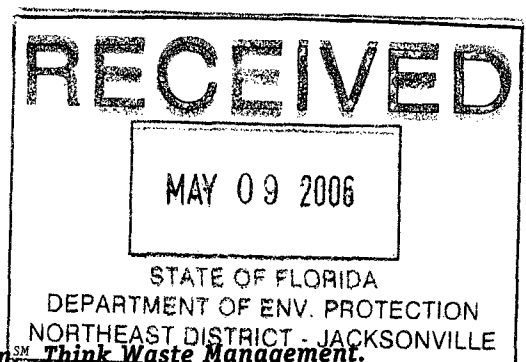
Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh

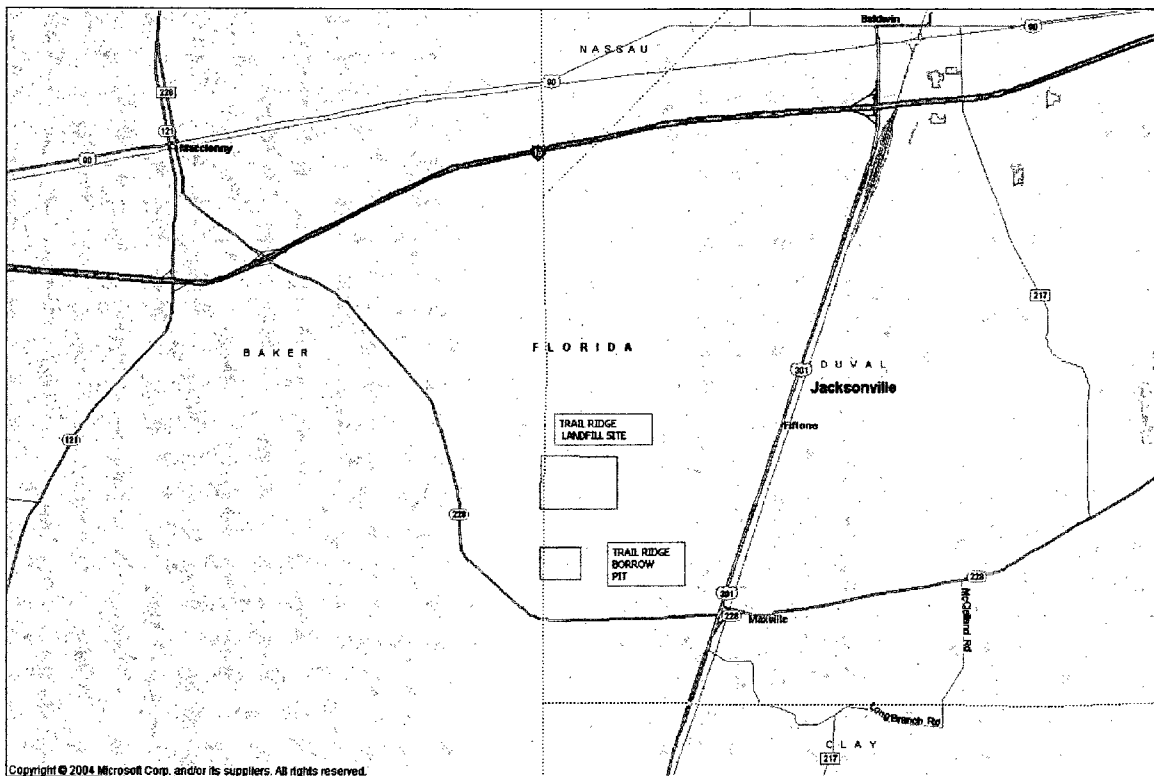
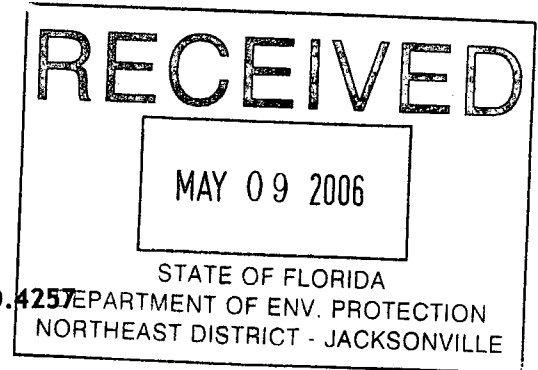
Encl

cc: Chris Pearson, w/o enclosures
Brian Dolihite, w/o enclosures
Al Burson, w/o enclosures



**REPORT OF AERIAL TOPOGRAPHIC SURVEY
TRAIL RIDGE LANDFILL
DUVAL COUNTY, FLORIDA
MARCH 23, 2006**

**CHARLES E. PORTER
PROFESSIONAL SURVEYOR AND MAPPER NO. 4257
26102 Nimbleton Square
Chantilly, Virginia 20152
703-200-2240
CEPortersrPLS@aol.com**



VICINITY MAP
NOT TO SCALE

Topographic Survey:

This document has been prepared in accordance with Chapter 61G17-6 of the Florida State Department of Business and Professional Regulation code, which addresses minimum technical standards and mapping industry.

NOTE: THIS REPORT AND ACCOMPANING MAP ARE NOT FULL AND COMPLETE WITHOUT THE OTHER, AND ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

Charles E. Porter, PSM No. 4257
Project Name: Trail Ridge Landfill, Duval County, Florida
Title/Type of Survey: Aerial Topographic Survey
Date of Imagery 02/08/06
Scale of Aerial Photography: 1:6000

Photogrammetric methods were used in the performance of this Topographic Survey. The accuracy of this survey was tested and verified by:

Charles E. Porter
Professional Surveyor and Mapper
26102 Nimbleton Square
Chantilly, Virginia 20152
Tel: 703-200-2240
Email: CEPortersrpls@aol.com

This accuracy survey was performed for:

Air Survey
45180 Business Court
Dulles, Virginia 20166-6706
Tel: 703-471-4510
Fax: 703-471-6810

Additions or deletions to the report or maps by other than the signing party are forbidden without the consent of the signing party. The maps and report are not full and complete without the other.

Methods:

All map data were collected using Photogrammetric methodology from aerial photography dated 02/08/06 acquired at an altitude of 3000' above mean terrain to produce a photo scale of 1:6000 (1"=500'). Fully analytical stereo plotter instruments were used in the collection of digital data with Photogrammetric software specifically designed for the extraction of positional information from stereo imagery.

The relative location of the site improvements (i.e. roads, trails, streets, fences, buildings, and drainage features) has been accurately portrayed with

respect to the ground control survey. Planimetric features and details were collected commensurate with the final output map scale and the ability of the operator to see and interpret these features from the photography. Areas where the ground is masked due the heavy vegetation have been labeled and identified with dashed contours. These areas should be field-verified prior to any design work being preformed.

Data Sources:

The horizontal and vertical control used for this project was obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248. The photography used for this project was obtained on February 08, 2006.

Vertical Datum:

The vertical datum is NGVD 1929. Elevations are based on site benchmarks obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248.

The horizontal datum is Florida Coordinate System, East Zone, and NAD 1983. All horizontal and vertical ground control and map data is expressed in U.S. Survey Feet.

Accuracies:

The maps and digital files for this project meet the Minimum Technical Standards of the State of Florida:

- ◆ At least 90% of the ground point elevations of well-defined features contained in this map have been measured to an estimated vertical positional accuracy of: +/-1.0 feet.
- ◆ The survey-measured verses ground truth coordinates of at least 90% of well-defined features contained in this survey and map have been measured to an estimated horizontal positional accuracy of: +/-2.5 feet.

Horizontal and vertical accuracy is determined from the absolute orientation solution, which is based upon ground control values received from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

Digital mapping and/or coordinate data files are intended to be displayed at a scale of 1:1200 (1"=100') or smaller.

Intended Features:

All features identified by the mapping limits as indicated on the aerial photography contact points were intended to be surveyed and mapped in their entirety. All line drawn features are shown to scale. Symbols do not represent the actual size of the object. Refer to the Map Legend in the digital file for the cartographic representation of each feature.

This mapping should be used for preliminary design work only, and should not replace an actual field run survey where the required accuracy is greater than the accuracy stated in this report.

This survey is restricted to the active areas of the landfill for which the company contracted to update. No responsibility, expressed or implied, is assumed for the areas outside this scope.

The signing party assumes no responsibility of the accuracy of the ground control or the boundary information provided by England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

To the best of my knowledge and belief, based on my review, all of the products meet the accuracy and quality standards as required.

Prepared for:

Air Survey
45180 Business Court
Dulles, Virginia 20166-6706

Certification:

To the best of my knowledge this survey and report meet all applicable requirements of the Florida Minimum Technical Standards as contained in Chapter 61G17-6 FAC pursuant to Section 472.027 Florida Statutes.

Surveyor and Mapper in Responsible Charge:

Charles E. Porter
Professional Surveyor and Mapper
License Number LS 4257

Signed: 

Seal: 

ENVIRONMENTAL RESOURCE MANAGEMENT DEPARTMENT



May 5, 2006

Ms. Sally Heuer
Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

SUBJECT: City of Jacksonville-Salisbury Road Landfill
Quarterly Gas Monitoring Data
March 1, 2006 – May 31, 2006

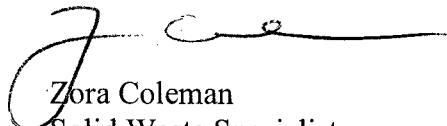
Dear Ms. Heuer:

Attached is the quarterly gas monitoring data collected at the Salisbury Road Landfill for the quarterly period ending May 31, 2006.

The readings were taken May 4, 2006 with the Landtec 500 gas meter. No explosive gas (CH₄) measurements were detected at any of the gas monitoring points (GMP) at the site. (See attached.)

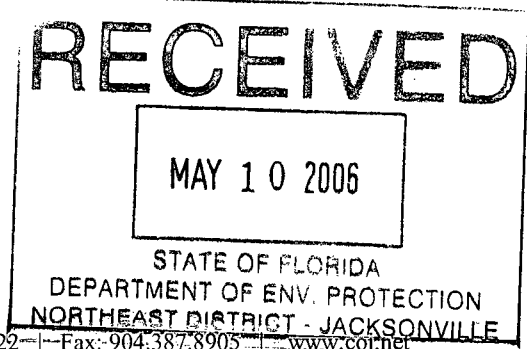
If you have any questions regarding this information please contact me at 387-8837, ext. 263.

Sincerely,



Zora Coleman
Solid Waste Specialist

Cc: L. Chris Pearson
Greg Radlinski, Office of General Counsel



Environmental Resource Management Department

Solid Waste - Disposal Operations



Salisbury Road Landfill Gas Monitoring Point (GMP) Readings

Sampler: Zora Coleman

Date: 5/4/2006

Well ID #	CH4 (%)	LEL (%)	CO2 (%)	O2 (%)	Balance (%)
GMP 1	0.0	0.0	0.0	19.9	80.1
GMP 2	0.0	0.0	0.0	19.9	80.1
GMP 3	0.0	0.0	0.0	19.8	80.2
GMP 4	0.0	0.0	0.0	20.1	79.9
GMP 5	0.0	0.0	0.0	20.1	79.9
GMP 6	0.0	0.0	0.0	20.0	80.0
GMP 7	0.0	0.0	0.0	20.0	80.0
GMP 8	0.0	0.0	0.0	20.0	80.0
GMP 9	0.0	0.0	0.0	19.6	80.4



Sally
Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

May 4, 2006

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7598

Re: Trail Ridge Landfill
Methane Monitoring Results/Second Qtr. 2006
FDEP Permit #0013493-010-SC
I.D. #: NED/16/00033628

Dear Ms. Nogas:

In accordance with Specific Condition #35 of the referenced permit, enclosed please find the second quarter 2006 methane gas monitoring data for Trail Ridge Landfill. As indicated on the report, there was no detection of methane gas at the site.

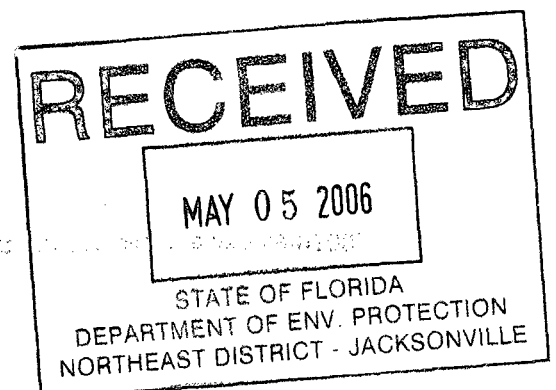
If you have any questions, or comments concerning this report, please call me at 289-9100.

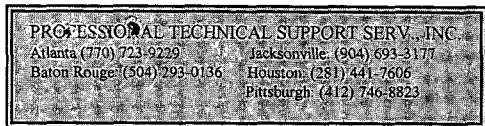
Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Attachment

cc: Chris Pearson w/attachments
Brian Dolihite





GAS MONITORING REPORT

Facility Name: TRAIL RIDGE LANDFILL

ANALYST: DAN ARMOUR	DATE:..... 05/03/2006
GAS INSTRUMENT TYPE:..... MSA GAS SCOPE 60	SERIAL NO:..... 3122
DATE LAST CALIBRATED:..... 05/03/2006	METHOD:..... Aspirator Bulb 2.5%& 50%
PRESSURE INSTRUMENT TYPE:..... N/A	SERIAL NO:..... ----
WATER LEVEL INSTRUMENT TYPE:..... SLOPE INDICATOR	SERIAL NO:..... 021553
WEATHER CONDITIONS:..... CLEAR SKY, WINDS LIGHT EAST, 70° F	
BAROMETRIC PRESSURE:..... 30.10	

MONITOR POINT	TIME	PRESSURE (inches w.c.)	METHANE (% BY Vol. Air)	METHANE (% LEL)	LIQUID LEVEL (FT.TOC)	COMMENTS
GP-10	0954	N/A	0	0	DRY	
GP-9	0959	N/A	0	0	DRY	
GP-8	1003	N/A	0	0	DRY	
GP-7	1008	N/A	0	0	DRY	
GP-6	1013	N/A	0	0	DRY	
GM-1	1033	N/A	0	0	N/A	*
GM-2	1041	N/A	0	0	N/A	*
GM-3	1050	N/A	0	0	N/A	*
GM-4	1019	N/A	0	0	N/A	*
GM-5	1026	N/A	0	0	N/A	*

COMMENTS: *MONITORED VENTS, CRACKS CONDUIT AND CONFINED SPACES INSIDE AND OUTSIDE OF BUILDING

13493

Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013



April 6, 2006

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

Re: Trail Ridge Landfill
Quarterly Leachate Generation Report
1st Quarter 2006
FDEP Permit #0013493-010-SC
I.D. Number: NED/16/00033628

Dear Ms. Nogas:

In accordance with Specific Condition 38 e. of the referenced permit, enclosed please find the First Quarter 2006 Leachate Generation Report for Trail Ridge Landfill.

The leachate generation reports include daily precipitation amounts, the quantities of leachate collected from the LCRS and LDS, the amount of leachate transported to the water treatment facility.

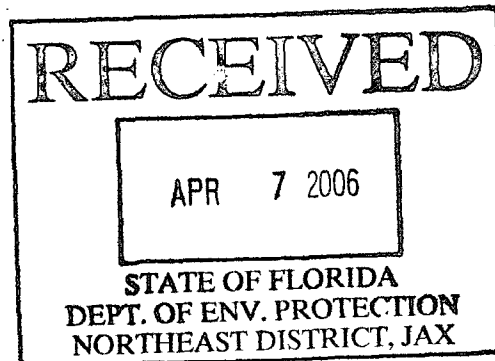
Sincerely,

A handwritten signature in black ink, appearing to read 'Greg Mathes', written over a horizontal line.

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Chris Pearson w/encl.
Brian Dolihite, w/o encl.



Trail Ridge Landfill
Leachate/Rainfall: First Quarter 2006

Month	Rainfall	Primary	Secondary	Total		
				Produced	Transported	Recirculated
January	3.01	471,400	3,100	474,500	522,000	-
February	3.60	388,100	6,200	394,300	414,000	-
March	0.32	312,100	4,900	317,000	360,000	-
QTR. TOTAL	6.93	1,171,600	14,200	1,185,800	1,296,000	

Trail Ridge Landfill

Leachate/Rainfall JANUARY 2006

if over 4492 let Al know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
1/1/06						
1/2/06	0.6	35,600	-	35,600		
1/3/06	1.4	26,300	-	26,300	48,000	
1/4/06	0	12,600	1,100	13,700	12,000	
1/5/06	0	22,300	100	22,400	30,000	
1/6/06	0	24,800	700	25,500	30,000	
1/7/06						
1/8/06						
1/9/06	0	35,600	-	35,600	48,000	
1/10/06	0	10,700	200	10,900		
1/11/06	0	14,100	1,000	15,100	42,000	
1/12/06	0	32,700	-	32,700	30,000	
1/13/06	no reading on Friday 1/13/06 - Bobby off			-	24,000	
1/14/06						
1/15/06						
1/16/06	0	39,900	-	39,900	48,000	
1/17/06	0	10,000	-	10,000		
1/18/06	0.01	9,400	-	9,400	12,000	
1/19/06	0	18,600	-	18,600		
1/20/06	0.7	160,000	-	160,000	30,000	
1/21/06						
1/22/06						
1/23/06	0	3,400	-	3,400	18,000	
1/24/06	0	2,600	-	2,600	12,000	
1/25/06	0	-	-	-	6,000	
1/26/06	NO REPORT FOR 1/26/06			-		
1/27/06	0	-	-	-	30,000	
1/28/06					24,000	
1/29/06						
1/30/06	NO REPORT FOR 1/30/06			-	36,000	
1/31/06	0.3	12,800	-	12,800	42,000	
TOTALS	3.01	471,400	3,100	474,500	522,000	

Trail Ridge Landfill

Leachate/Rainfall FEBRUARY 2006

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
2/1/06	0	12,600	-	12,600	30,000	
2/2/06	0	11,700	-	11,700	30,000	
2/3/06	1.1	17,500	-	17,500		
2/4/06	1.68					
2/5/06						
2/6/06	0.05	41,700	-	41,700	36,000	
2/7/06	0	21,800	500	22,300	30,000	
2/8/06	0.1	18,600	-	18,600	30,000	
2/9/06	0	10,000	-	10,000	24,000	
2/10/06	0	17,900	-	17,900		
2/11/06						
2/12/06						
2/13/06	0.11	30,800	700	31,500	48,000	
2/14/06	0	14,700	-	14,700	48,000	
2/15/06	0	11,600	2,600	14,200	12,000	
2/16/06	0	18,900	-	18,900		
2/17/06	0	13,100	-	13,100		
2/18/06						
2/19/06						
2/20/06	0	36,600	-	36,600	24,000	
2/21/06	NO REPORT FOR 2/21/06			-	24,000	
2/22/06	0	27,000	800	27,800	36,000	
2/23/06	0.01	14,700	1,600	16,300		
2/24/06	0.55	18,500	-	18,500	18,000	
2/25/06						
2/26/06						
2/27/06	0	32,600	-	32,600		
2/28/06	0	17,800	-	17,800	24,000	
				-		
				-		
				-		
TOTALS	3.60	388,100	6,200	394,300	414,000	

Trail Ridge Landfill

Leachate/Rainfall MARCH 2006

If over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
3/1/06	NO REPORT FOR WED. 3/1/06			-		12,000
3/2/06	0	21,000	700	21,700		6,000
3/3/06	NO REPORT FOR FRIDAY 3/3/06			-		
3/4/06				-		
3/5/06				-		
3/6/06	0	36,700	-	36,700		
3/7/06	NO REPORT FOR TUES. 3/7/06			-		30,000
3/8/06	0	20,300	-	20,300		
3/9/06	0	12,000	-	12,000		12,000
3/10/06	0	12,600	-	12,600		
3/11/06				-		
3/12/06				-		
3/13/06	0	25,100	2,100	27,200		30,000
3/14/06	NO REPORT FOR TUES 3/14/06			-		24,000
3/15/06	0.05	30,500	500	31,000		30,000
3/16/06	0	5,500	-	5,500		6,000
3/17/06	0	11,500	-	11,500		36,000
3/18/06				-		
3/19/06				-		
3/20/06	0	30,700	-	30,700		18,000
3/21/06	NO REPORT FOR TUES 3/21/06			-		24,000
3/22/06	0	20,700	-	20,700		24,000
3/23/06	0.05	11,800	-	11,800		24,000
3/24/06	0.22	8,100	-	8,100		48,000
3/25/06				-		
3/26/06				-		
3/27/06	0	28,200	-	28,200		18,000
3/28/06	0	9,100	1,600	10,700		6,000
3/29/06	0	10,200	-	10,200		
3/30/06	0	8,300	-	8,300		12,000
3/31/06	0	9,800	-	9,800		
TOTALS	0.32	312,100	4,900	317,000	-	360,000



13493
Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

April 6, 2006

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

**Re: Waste Quantities Report 1st Quarter 2006
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for January, February and March 2006 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

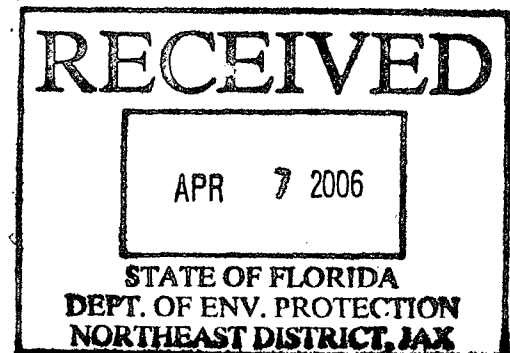
Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures



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GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: JANUARY 2006

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	29,605.86	TONS	
115	36.73	TONS	
130	51,967.79	TONS	
200	1,028.38	TONS	
220	37.98	TONS	
230	3334.46	TONS	
		TONS	
		TONS	
		TONS	
TOTAL	86,011.19		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS, SOLID, NON-HAZARDOUS
- 105 - AGRICULTURAL
- 110 - RESIDENTIAL
- 115 - COMMERCIAL
- 120 - HOSPITAL/CLINICAL
- 125 - MINING
- 130 - INDUSTRIAL
- 135 - YARD TRASH/TRASH

SLUDGES

- 200 - UNCLASSIFIED SLUDGES
- 205 - WATER TREATMENT/LIME SOFTEN
- 210 - SEPTIC TANK
- 215 - AIR SCRUBBER
- 220 - INDUSTRIAL/COMMERCIAL
- 225 - DOMESTIC WASTEWATER TREATMENT
- 230 - INCINERATOR RESIDUE
- 235 - ION RESIDUE
- 295 - HAZARDOUS SLUDGE

WASTE UNIT:

- CFT - CUBIC FOOT
- CMT - CUBIC METER
- CYD - CUBIC YARD
- GAL - GALLON
- KGM - KILOGRAM
- LBS - POUNDS
- LTR - LITER
- TON - TON
- MGL - MILLION GALLONS

WASTEWATER

- 300 - UNCLASSIFIED WASTEWATER
- 305 - DOMESTIC WASTEWATER
- 310 - INDUSTRIAL WASTEWATER
- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

- 900 - UNCLASSIFIED HAZARDOUS WASTE
- 905 - CAUSTIC AND ACID
- 910 - EXPLOSIVES
- 915 - HEAVY METAL SOLUTIONS
- 920 - INORGANIC CHEMICALS
- 925 - ORGANIC CHEMICALS
- 930 - ORGANIC SOLVENTS AND OILS
- 935 - PAINT AND INK WASTE
- 940 - PESTICIDES/FUNGICIDES
- 945 - PATHOLOGICAL/INFECTIOUS
- 950 - LOW-LEVEL RADIOACTIVE
- 955 - MINING

UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: FEBRUARY 2006

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	25,313.05	TONS	
115	68.40	TONS	
130	49,619.18	TONS	
200	926.42	TONS	
220	28.87	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	75,955.92		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS, SOLID, NON-HAZARDOUS
- 105 - AGRICULTURAL
- 110 - RESIDENTIAL
- 115 - COMMERCIAL
- 120 - HOSPITAL/CLINICAL
- 125 - MINING
- 130 - INDUSTRIAL
- 135 - YARD TRASH/TRASH

SLUDGES

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- 230 - INCINERATOR RESIDUE
- 235 - ION RESIDUE
- 295 - HAZARDOUS SLUDGE

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UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: MARCH 2006

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	29,729.63	TONS	
115	73.79	TONS	
130	57,074.70	TONS	
200	881.75	TONS	
220	23.27	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	87,783.13		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

SLUDGES

WASTE UNIT:

CFT - CUBIC FOOT
CMT - CUBIC METER
CYD - CUBIC YARD
GAL - GALLON
KGM - KILOGRAM
LBS - POUNDS
LTR - LITER
TON - TON
MGL - MILLION GALLONS

100 - UNCLASS, SOLID, NON-HAZARDOUS
105 - AGRICULTURAL
110 - RESIDENTIAL
115 - COMMERCIAL
120 - HOSPITAL/CLINICAL
125 - MINING
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WASTEWATER

300 - UNCLASSIFIED WASTEWATER

HAZARDOUS WASTE

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910 - EXPLOSIVES
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920 - INORGANIC CHEMICALS
925 - ORGANIC CHEMICALS
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935 - PAINT AND INK WASTE
940 - PESTICIDES/FUNGICIDES
945 - PATHOLOGICAL/INFECTIOUS
950 - LOW-LEVEL RADIOACTIVE
955 - MINING

UNKNOWN TYPE OF WASTE

800 - UNKNOWN TYPE OF WASTE

OTHER

999 - OTHER - USE COMMENTS



185294
Trail Ridge Landfill, Inc.
5110 U.S. Highway 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

April 6, 2006

Ms. Mary Nogas, P.E.
Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Permit No. 0013493-010-SC
Waste Tire Processing Facility Quarterly Report, 1st Qtr. 2006
Fire Safety Inspection, 2006**

Dear Ms. Nogas:

In accordance with specific condition 27e of the above referenced permit, please find enclosed, the Waste Tire Processing Facility Quarterly Report for Trail Ridge Landfill for the first calendar quarter of 2006.

We have also enclosed our fire safety inspection for 2006, per Specific Condition 27d.

Should you have any questions concerning the report, please call me at 289-9100.

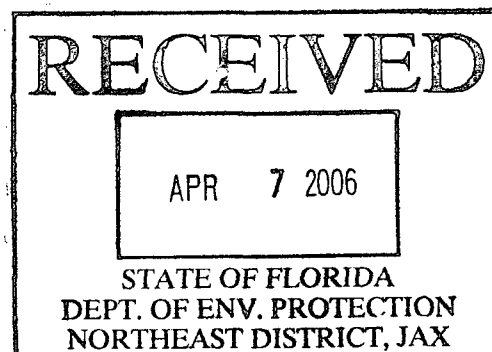
Sincerely,

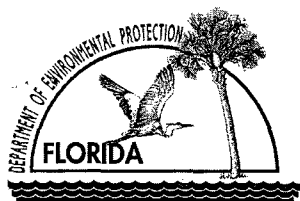
A handwritten signature in black ink, appearing to read "Greg Mathes", with a long horizontal line extending to the right.

Greg Mathes
Director of Landfill Operations

GM:lh
Enclosures

cc: Brian Dolihite, w/o encl.





Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title Quarterly Report
Effective Date 3/22/00
DEP Application No. _____
(Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report First Quarter 2006 (First quarter begins on January 1 of any given year)

1. Facility name: Trail Ridge Landfill
2. Facility mailing address: 5110 U.S. HIGHWAY 301 SOUTH
City: Baldwin County: Duval Zip: 32234-3608
3. Facility permit number: 0013493-010-SC
4. Facility telephone number (904) 289-9100
5. Authorized person preparing report: Greg Mathes
6. Affiliation with facility: Director of Landfill Operations
7. Telephone number (if different from above): ()
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	54	242			208		88
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total	54	242			208		88

- a. Explain all inventory adjustments. _____
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved?

For any excess inventory at the end of the quarter, state how and when this condition will be relieved.
Attach Additional sheets, if necessary.

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Greg Mathes

Print Name of Authorized Agent

[Signature]
Signature of Authorized Agent

April 6, 2006

Date

Mail complete form to
the appropriate district office

City of Jacksonville
Fire and Rescue Department - Fire Prevention Division
515 N. Julia St., Suite 213
Jacksonville, FL 32202
Phone 630-0445 • FAX 630-4203

FIRE SAFETY INSPECTION

Fpd #: _____

Date: 6 MAR 06

New Property: _____

Existing Property: ☒

Name: Trail Ridge Landfill
(Please Print)

Owner/Occupant: _____
(Please Print)

Address: 5110 U.S. Hwy 301 S.

Phone #: 904.289-9100

Occupancy Use: Industrial

YOUR ATTENTION IS CALLED TO THE FOLLOWING VIOLATIONS

- | I. Dangerous or Hazardous Conditions | Code | V. Toxic Materials: | Code |
|--|-------|--|-------|
| A. Improper storage of combustible materials, and/or rubbish, waste paper, trash, etc. | _____ | A. Improper storage of toxic materials, poisonous gases, and/or corrosive liquids | _____ |
| B. Improper maintenance of chimneys, vents, and/or exhaust systems or heat producing equipment ... | _____ | B. Improper and/or inadequate identification of containers or facilities | _____ |
| C. Building in disrepair and/or unsecured | _____ | C. Inadequate containment for leaks or spills ... | _____ |
| D. Nonapproved heating or cooking appliances | _____ | D. Inadequate ventilation | _____ |
| E. Aisle, passageway or stairway blocked | _____ | VI. Compressed Gas: | |
| F. Locked Exit doors | _____ | A. Improper and/or inadequate identification of storage facilities | _____ |
| G. Exitways improperly marked and/or illuminated .. | _____ | B. Improper location of tanks | _____ |
| H. Inadequate means of egress | _____ | C. Tanks and piping subject to physical damage .. | _____ |
| I. Smoking prohibited in | _____ | D. Improper ventilation | _____ |
| J. Parking of vehicles in fire lanes. (call police) | _____ | E. Improper Maintenance of equipment | _____ |
| K. Smoke detectors missing or inoperable | _____ | VII. Electrical Wiring: | |
| L. Improper trash receptacle | _____ | A. Improper use of extension cords and/or adapters | _____ |
| M. No valid _____ permit | _____ | B. Unsafe wiring of fixtures | _____ |
| II. Fire Protection Equipment: | | C. Electric panel or junction boxes, overloaded, exposed or obstructed | _____ |
| A. Fire Extinguishers or suppression system date _____ | | VIII. Hood Systems: | |
| 1. Improper type, location or number | _____ | A. No hood system | _____ |
| 2. Faulty condition | _____ | B. Hood insufficient to cover appliances | _____ |
| 3. Annual maintenance by licensed Fire equipment contractor | _____ | C. Improper wiring or fixtures attached to hood system | _____ |
| 4. Insufficient sprinkler head clearance | _____ | D. Missing or dirty filters | _____ |
| 5. Defective Nozzles, hoses, piping | _____ | E. Defective Fire suppression system | _____ |
| III. Alarm System: | | | |
| A. Annual maintenance by certified Alarm contractor | _____ | | |
| B. Alarm system inoperative or malfunctioning | _____ | | |
| IV. Flammable and combustible liquids: | | | |
| A. Improper storage and/or handling | _____ | | |
| B. Inadequate ventilation | _____ | | |
| C. Improper identification | _____ | | |
| D. Improperly maintained fuel dispensing equipment | _____ | | |

Other Violations: _____

Comments/Instructions: NO Discrepancies Found

Failure to correct these violations may result in this office seeking civil and/or criminal penalties as required by law.

This occupancy meets the minimum fire codes. YES

I acknowledge receipt of this inspection form:

Linda Hair
Name (Please Print)

Linda Hair
Signature

3/6/2006
Date

I certify on this date, I made an inspection of the above premises.

Cop. [Signature] Kevin Jones
Inspector

6 MAR 06
Date



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

Sally
Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

2006 FEB 27 A 8:48

NORTHEAST DISTRICT
JACKSONVILLE, FL

February 24, 2006

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7598

Re: Trail Ridge Landfill
Methane Monitoring Results/First 2006
FDEP Permit #0013493-010-SC
I.D. #: NED/16/00033628

Dear Ms. Nogas:

In accordance with Specific Condition #35 of the referenced permit, enclosed please find the first quarter 2006 methane gas monitoring data for Trail Ridge Landfill. As indicated on the report, there was no detection of methane gas at the site.

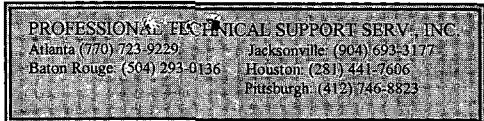
If you have any questions, or comments concerning this report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Attachment

cc: Chris Pearson w/attachments
Brian Dolihite



GAS MONITORING REPORT

Facility Name: TRAIL RIDGE LANDFILL

ANALYST: DAN ARMOUR	DATE:..... 02/21/2006
GAS INSTRUMENT TYPE:..... MSA GAS SCOPE 60	SERIAL NO:..... 3122
DATE LAST CALIBRATED:..... 02/21/2006	METHOD:..... Aspirator Bulb 2.5%& 50%
PRESSURE INSTRUMENT TYPE:..... AIR NEOTRONICS	SERIAL NO:..... 019274
WATER LEVEL INSTRUMENT TYPE:..... SLOPE INDICATOR	SERIAL NO:..... 021
WEATHER CONDITIONS:..... PARTLY CLOUDY SKY, WINDS 0-5 SE, 65°	
BAROMETRIC PRESSURE:.....	

MONITOR POINT	TIME	PRESSURE (inches w.c.)	METHANE (% BY Vol. Air)	METHANE (% LEL)	LIQUID LEVEL (FT.TOC)	COMMENTS
GP-10	1508	+0.02	0	0	DRY	
GP-9	1514	0.00	0	0	DRY	
GP-8	1520	0.00	0	0	DRY	
GP-7	1526	+0.01	0	0	DRY	
GP-6	1532	0.00	0	0	DRY	
GM-1	1556	N/A	0	0	N/A	*
GM-2	1603	N/A	0	0	N/A	*
GM-3	1621	N/A	0	0	N/A	* completed on 2/22/06
GM-4	1542	N/A	0	0	N/A	*
GM-5	1547	N/A	0	0	N/A	*

COMMENTS: *MONITORED VENTS, CRACKS CONDUIT AND CONFINED SPACES INSIDE AND OUTSIDE OF BUILDING



13493
Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

January 12, 2006

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Trail Ridge Landfill
Quarterly Leachate Generation Report
4th Quarter 2005
FDEP Permit #0013493-010-SC
I.D. Number: NED/16/00033628**

Dear Ms. Nogas:

In accordance with Specific Condition 38 e. of the referenced permit, enclosed please find the Fourth Quarter 2005 Leachate Generation Report for Trail Ridge Landfill.

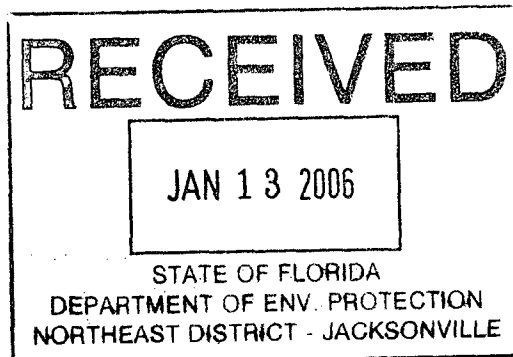
The leachate generation reports include daily precipitation amounts, the quantities of leachate collected from the LCRS and LDS, the amount of leachate transported to the water treatment facility.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Chris Pearson w/encl.
Brian Dolihite, w/o encl.



**Trail Ridge Landfill
Leachate/Rainfall: Fourth Quarter 2005**

Month	Rainfall	Primary	Secondary	Total		
				Produced	Transported	Recirculated
October	5.78	525,600	2,800	528,400	522,000	-
November	1.40	483,600	8,000	491,600	516,000	-
December	7.78	498,100	9,200	507,300	510,000	-
QTR. TOTAL	14.96	1,507,300	20,000	1,527,300	1,548,000	

RECEIVED

JAN 13 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION
NORTHEAST DISTRICT - JACKSONVILLE

Trail Ridge Landfill
Leachate/Rainfall OCTOBER 2005

if over 4492 let Al know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
10/1/05				-	30,000	
10/2/05				-		
10/3/05	0.2	19,300	-	19,300	12,000	
10/4/05	1.7	14,100	-	14,100		
10/5/05	1.5	26,200	-	26,200	42,000	
10/6/05	0.72	59,100	-	59,100	6,000	
10/7/05	0.25	19,000	-	19,000	36,000	
10/8/05				-	54,000	
10/9/05				-		
10/10/05	0	69,400	-	69,400	30,000	
10/11/05	0	16,800	2,600	19,400	36,000	
10/12/05	0	19,300	-	19,300	48,000	
10/13/05	0	28,000	-	28,000	24,000	
10/14/05	0	15,100	-	15,100	18,000	
10/15/05				-		
10/16/05				-		
10/17/05	0	22,900	-	22,900		
10/18/05	0	21,900	-	21,900	18,000	
10/19/05	0	5,700	-	5,700	12,000	
10/20/05	0	30,900	-	30,900	24,000	
10/21/05	0	10,000	-	10,000	24,000	
10/22/05				-		
10/23/05				-		
10/24/05	1.26	33,600	-	33,600	36,000	
10/25/05	0.15	32,900	-	32,900	36,000	
10/26/05	0	10,100	-	10,100	18,000	
10/27/05	0	9,600	-	9,600	18,000	
10/28/05	0	15,500	-	15,500		
10/29/05				-		
10/30/05				-		
10/31/05	0	46,200	200	46,400		
TOTALS	5.78	525,600	2,800	528,400	522,000	-

RECEIVED

JAN 13 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION
NORTHEAST DISTRICT JACKSONVILLE

Trail Ridge Landfill
Leachate/Rainfall NOVEMBER 2005

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
11/1/05	0	9,400	400	9,800	12,000	
11/2/05	0.06	12,100	-	12,100	24,000	
11/3/05	0	5,500	-	5,500	24,000	
11/4/05	0	9,800	-	9,800	18,000	
11/5/05				-		
11/6/05				-		
11/7/05	0	25,900	-	25,900	18,000	
11/8/05	0	9,100	-	9,100	18,000	
11/9/05	0	9,300	-	9,300	18,000	
11/10/05	0	36,500	-	36,500	18,000	
11/11/05	0	9,500	1,100	10,600		
11/12/05				-		
11/13/05				-		
11/14/05	0	25,700	-	25,700	30,000	
11/15/05	0.04	20,100	-	20,100	24,000	
11/16/05	0	15,700	-	15,700		
11/17/05	0	11,000	500	11,500	24,000	
11/18/05	0	13,900	-	13,900		
11/19/05				-		
11/20/05				-		
11/21/05	0.1	37,100	-	37,100	30,000	
11/22/05	0.02	18,700	4,400	23,100	30,000	
11/23/05	0	31,800	1,000	32,800	42,000	
11/24/05				-		
11/25/05	0	69,500	-	69,500	96,000	
11/26/05				-		
11/27/05				-		
11/28/05	0.03	46,500	500	47,000	54,000	
11/29/05	1.15	22,800	100	22,900	36,000	
11/30/05	0	43,700	-	43,700		
				-		
TOTALS	1.40	483,600	8,000	491,600	516,000	

RECEIVED

JAN 13 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION

Trail Ridge Landfill

Leachate/Rainfall DECEMBER 2005

if over 4492 let Al know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
12/1/05	0	24,200	-	24,200	24,000	
12/2/05	0	20,900	600	21,500	24,000	
12/3/05						
12/4/05						
12/5/05	0	44,000	1,000	45,000	24,000	
12/6/05	0.51	14,500	-	14,500	24,000	
12/7/05	0	8,400	1,000	9,400	42,000	
12/8/05	0.6	20,000	2,900	22,900	54,000	
12/9/05	1.3	12,900	-	12,900	24,000	
12/10/05						
12/11/05						
12/12/05	0.03	36,900	-	36,900	30,000	
12/13/05	0	24,300	500	24,800	18,000	
12/14/05	0	15,200	-	15,200		
12/15/05	0	20,600	-	20,600	30,000	
12/16/05	0.1	14,100	800	14,900	24,000	
12/17/05						
12/18/05						
12/19/05	4.95	35,800	-	35,800	24,000	
12/20/05	0	31,200	500	31,700	48,000	
12/21/05	0	15,600	900	16,500	30,000	
12/22/05	0	13,100	-	13,100		
12/23/05	0	21,600	-	21,600	18,000	
12/24/05						
12/25/05						
12/26/05	0.27	36,800	-	36,800	30,000	
12/27/05	0	22,500	-	22,500	18,000	
12/28/05	0	33,400	-	33,400	6,000	
12/29/05	0.02	15,200	-	15,200	18,000	
12/30/05	0	16,900	1,000	17,900		
12/31/05						
TOTALS	7.78	498,100	9,200	507,300	510,000	

RECEIVED

JAN 13 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

185294
Trail Ridge Landfill, Inc.
5110 U.S. Highway 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

2006 JAN -9 A 8:25

NORTHEAST DISTRICT
JACKSONVILLE, FL

January 5, 2006

Ms. Mary Nogas, P.E.
Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Permit No. 0013493-010-SC
Waste Tire Processing Facility Quarterly Report
Fourth Quarter 2005**

Dear Ms. Nogas:

In accordance with specific condition 27e of the above referenced permit, please find enclosed, the Waste Tire Processing Facility Quarterly Report for Trail Ridge Landfill for the fourth calendar quarter of 2005.

Should you have any questions concerning the report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Enclosures

cc: Brian Dolihite, w/o encl.



Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title <u>Quarterly Report</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report Fourth Quarter 2005 (First quarter begins on January 1 of any given year)

1. Facility name: Trail Ridge Landfill
2. Facility mailing address: 5110 U.S. HIGHWAY 301 SOUTH
City: Baldwin County: Duval Zip: 32234-3608
3. Facility permit number: 0013493-010-SC
4. Facility telephone number (904) 289-9100
5. Authorized person preparing report: Greg Mathes
6. Affiliation with facility: Director of Landfill Operations
7. Telephone number (if different from above): ()
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	165	502			613		54
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total	165	502			613		54

- a. Explain all inventory adjustments. _____
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved?

For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary.

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Greg Mathes

Print Name of Authorized Agent

Greg Mathes

Signature of Authorized Agent

1/6/06

Date

Mail complete form to
the appropriate district office

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

13473
Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

2005 JAN -9 A 8:11

NORTHEAST DISTRICT
JACKSONVILLE, FL

January 4, 2006

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

**Re: Waste Quantities Report 4th Quarter 2005
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for October, November and December 2005 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: DECEMBER 2005

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	27,166.30	TONS	
115	54.48	TONS	
130	53,399.37	TONS	
200	607.47	TONS	
220	34.67	TONS	
230	979.86	TONS	
		TONS	
		TONS	
TOTAL	82,242.16		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

SLUDGES

WASTE UNIT:

100 - UNCLASS, SOLID, NON-HAZARDOUS;
105 - AGRICULTURAL
110 - RESIDENTIAL
115 - COMMERCIAL
120 - HOSPITAL/CLINICAL
125 - MINING
130 - INDUSTRIAL
135 - YARD TRASH/TRASH

200 - UNCLASSIFIED SLUDGES
205 - WATER TREATMENT/LIME SOFTEN
210 - SEPTIC TANK
215 - AIR SCRUBBER
220 - INDUSTRIAL/COMMERCIAL
225 - DOMESTIC WASTEWATER TREATMENT
230 - INCINERATOR RESIDUE
235 - ION RESIDUE
295 - HAZARDOUS SLUDGE

CFT - CUBIC FOOT
CMT - CUBIC METER
CYD - CUBIC YARD
GAL - GALLON
KGM - KILOGRAM
LBS - POUNDS
LTR - LITER
TON - TON
MGL - MILLION GALLONS

WASTEWATER

HAZARDOUS WASTE

300 - UNCLASSIFIED WASTEWATER
305 - DOMESTIC WASTEWATER
310 - INDUSTRIAL WASTEWATER
315 - REJECT WATER
320 - COOLING WATER

900 - UNCLASSIFIED HAZARDOUS WASTE
905 - CAUSTIC AND ACID
910 - EXPLOSIVES
915 - HEAVY METAL SOLUTIONS
920 - INORGANIC CHEMICALS
925 - ORGANIC CHEMICALS
930 - ORGANIC SOLVENTS AND OILS
935 - PAINT AND INK WASTE
940 - PESTICIDES/FUNGICIDES
945 - PATHOLOGICAL/INFECTIOUS
950 - LOW-LEVEL RADIOACTIVE
955 - MINING

UNKNOWN TYPE OF WASTE

800 - UNKNOWN TYPE OF WASTE

OTHER

999 - OTHER - USE COMMENTS

JACKSONVILLE, FL
EAST DISTRICT

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

2005 JAN - 9 A 8:11
copied for clarification
5/24/94: DEP FORM

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: NOVEMBER 2005

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	27,471.13	TONS	
115	61.79	TONS	
130	51,161.39	TONS	
200	939.61	TONS	
220	21.05	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	79,654.97	TONS	

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS. SOLID, NON-HAZARDOUS
- 105 - AGRICULTURAL
- 110 - RESIDENTIAL
- 115 - COMMERCIAL
- 120 - HOSPITAL/CLINICAL
- 125 - MINING
- 130 - INDUSTRIAL
- 135 - YARD TRASH/TRASH

SLUDGES

- 200 - UNCLASSIFIED SLUDGES
- 205 - WATER TREATMENT/LIME SOFTEN
- 210 - SEPTIC TANK
- 215 - AIR SCRUBBER
- 220 - INDUSTRIAL/COMMERCIAL
- 225 - DOMESTIC WASTEWATER TREATMENT
- 230 - INCINERATOR RESIDUE
- 235 - ION RESIDUE
- 295 - HAZARDOUS SLUDGE

WASTE UNIT:

- CFT - CUBIC FOOT
- CMT - CUBIC METER
- CYD - CUBIC YARD
- GAL - GALLON
- KGM - KILOGRAM
- LBS - POUNDS
- LTR - LITER
- TON - TON
- MGL - MILLION GALLONS

WASTEWATER

- 300 - UNCLASSIFIED WASTEWATER
- 305 - DOMESTIC WASTEWATER
- 310 - INDUSTRIAL WASTEWATER
- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

- 900 - UNCLASSIFIED HAZARDOUS WASTE
- 905 - CAUSTIC AND ACID
- 910 - EXPLOSIVES
- 915 - HEAVY METAL SOLUTIONS
- 920 - INORGANIC CHEMICALS
- 925 - ORGANIC CHEMICALS
- 930 - ORGANIC SOLVENTS AND OILS
- 935 - PAINT AND INK WASTE
- 940 - PESTICIDES/FUNGICIDES
- 945 - PATHOLOGICAL/INFECTIOUS
- 950 - LOW-LEVEL RADIOACTIVE
- 955 - MINING

UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: OCTOBER 2005

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	26,045.85	TONS	
115	2019.32	TONS	
130	50,213.56	TONS	
200	1,010.91	TONS	
220	17.93	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	79,307.57		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS. SOLID, NON-HAZARDOUS
- 105 - AGRICULTURAL
- 110 - RESIDENTIAL
- 115 - COMMERCIAL
- 120 - HOSPITAL/CLINICAL
- 125 - MINING
- 130 - INDUSTRIAL
- 135 - YARD TRASH/TRASH

SLUDGES

- 200 - UNCLASSIFIED SLUDGES
- 205 - WATER TREATMENT/LIME SOFTEN
- 210 - SEPTIC TANK
- 215 - AIR SCRUBBER
- 220 - INDUSTRIAL/COMMERCIAL
- 225 - DOMESTIC WASTEWATER TREATMENT
- 230 - INCINERATOR RESIDUE
- 235 - ION RESIDUE
- 295 - HAZARDOUS SLUDGE

WASTE UNIT:

- CFT - CUBIC FOOT
- CMT - CUBIC METER
- CYD - CUBIC YARD
- GAL - GALLON
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- LBS - POUNDS
- LTR - LITER
- TON - TON
- MGL - MILLION GALLONS

WASTEWATER

- 300 - UNCLASSIFIED WASTEWATER
- 305 - DOMESTIC WASTEWATER
- 310 - INDUSTRIAL WASTEWATER
- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

- 900 - UNCLASSIFIED HAZARDOUS WASTE
- 905 - CAUSTIC AND ACID
- 910 - EXPLOSIVES
- 915 - HEAVY METAL SOLUTIONS
- 920 - INORGANIC CHEMICALS
- 925 - ORGANIC CHEMICALS
- 930 - ORGANIC SOLVENTS AND OILS
- 935 - PAINT AND INK WASTE
- 940 - PESTICIDES/FUNGICIDES
- 945 - PATHOLOGICAL/INFECTIOUS
- 950 - LOW-LEVEL RADIOACTIVE
- 955 - MINING

UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS

2006 JAN - 9 A 8:1
STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION
NORTHEAST DISTRICT
JACKSONVILLE, FL
copied for clarification
5/24/94. DEP FORM

13493

Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013



November 30, 2005

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7598

Re: Trail Ridge Landfill
Methane Monitoring Results/Fourth Quarter 2005
FDEP Permit #0013493-010-SC
I.D. #: NED/16/00033628

Dear Ms. Nogas:

In accordance with Specific Condition #35 of the referenced permit, enclosed please find the fourth quarter 2005 methane gas monitoring data for Trail Ridge Landfill. As indicated on the report, there was no detection of methane gas at the site.

If you have any questions, or comments concerning this report, please call me at 289-9100.

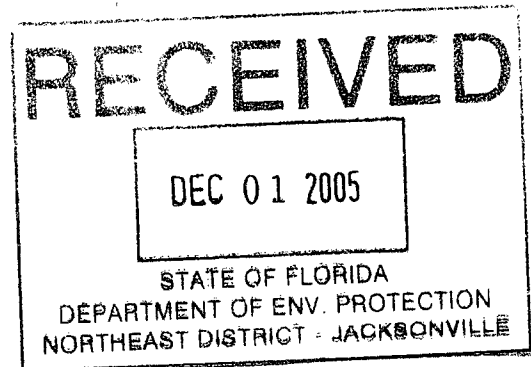
Sincerely,

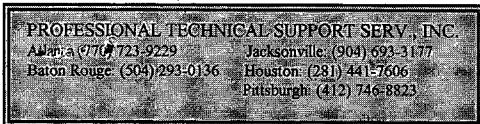
A handwritten signature in cursive script that reads "Greg Mathes".

Greg Mathes
Director of Landfill Operations

GM:lh
Attachments

cc: Chris Pearson w/attachments
Brian Dolihite





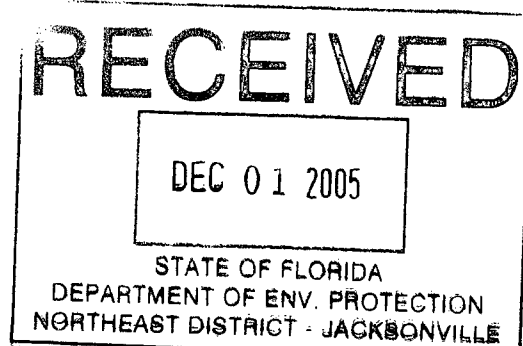
GAS MONITORING REPORT

Facility Name: TRAIL RIDGE LANDFILL

ANALYST: DAN ARMOUR	DATE:..... 11/21/05
GAS INSTRUMENT TYPE:..... MSA GAS SCOPE 60	SERIAL NO:..... 3122
DATE LAST CALIBRATED:..... 11/21/05	METHOD:..... Aspirator Bulb 2.5%& 50%
PRESSURE INSTRUMENT TYPE:..... AIR NEOTRONICS	SERIAL NO:..... 019274
WATER LEVEL INSTRUMENT TYPE:..... SLOPE INDICATOR	SERIAL NO:..... 021
WEATHER CONDITIONS:..... CLOUDY SKY, WINDS EAST 5-10 MPH, 60°F	
BAROMETRIC PRESSURE:.....	

MONITOR POINT	TIME	PRESSURE (inches w.c.)	METHANE (% BY Vol. Air)	METHANE (% LEL)	LIQUID LEVEL (FT.TOC)	COMMENTS
GP-10	1101	0.04	0	0	DRY	
GP-9	1105	0.06	0	0	DRY	
GP-8	1110	0.00	0	0	DRY	
GP-7	1116	0.00	0	0	DRY	
GP-6	1121	0.00	0	0	DRY	
GM-1	1143	N/A	0	0	N/A	*
GM-2	1150	N/A	0	0	N/A	*
GM-3	1157	N/A	0	0	N/A	*
GM-4	1126	N/A	0	0	N/A	*
GM-5	1135	N/A	0	0	N/A	*

COMMENTS: *MONITORED CONDUIT, CRACKS, CONFINED SPACES AND VENTS INSIDE AND OUTSIDE OF BUILDING



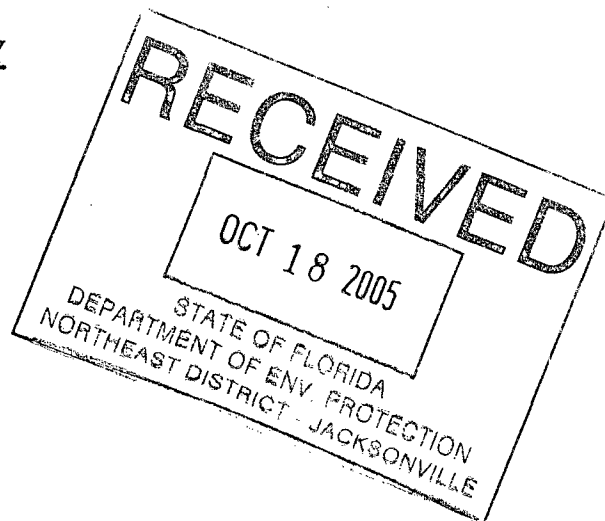


October 17, 2005

VIA FEDERAL EXPRESS NEXT DAY DELIVERY

Sally Heuer
Solid Waste Section
Florida Department of Environmental Protection
7825 Bay Meadows Way, Suite B200
Jacksonville, FL 32256

**RE: TRAIL RIDGE LANDFILL
LD. NUMBER GMS3116PO2787
PERMIT # 0013493-002-SC**



Dear Ms. Heuer:

According to Specific Condition 27.b. of the Trail Ridge Solid Waste Permit, the facility is permitted to store up to 10,000 tires or approximately 100 tons of tires on-site at any one time.

It was discovered during the calculations for the quarterly tire report that Trail Ridge had approximately 165 tons of tires on-site as of September 30th, 2005. Even though the number may not have exceeded 10,000 tires, it is felt that the Department should be notified about the tonnage overage.

This overage occurred because of the following reasons:

1. The facility that processes the tires had problems in late September that caused delays in the shipment of tires;
2. The City of Jacksonville transported a large number of bulk tires to Trail Ridge late the month of September.

It should be noted that the storage area for these tires at no time exceeded the area listed in Specific Condition 27.b. of the Trail Ridge Solid Waste Permit.

Once the tonnage overage was discovered, arrangements were made to immediately transport the tires to permitted processing facilities. There are less than 100 tons of tires currently on-site at the Trail Ridge Landfill.

Page 1 of 2

The third quarter 2005 tire report is attached for your review.

If additional information is required, please feel free to contact me at (386) 984-6608 or at aburson@wm.com.

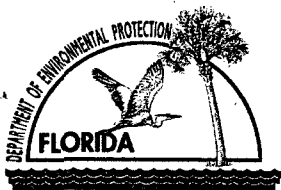
Sincerely,



Alfred (Al) L. Burson, Sr.
Environmental Protection Manager
Waste Management of North Florida

AB/ab

Ec: Greg Mathes
Linda Hair
James Purvis



Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title <u>Quarterly Report</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report Third Quarter 2005 (First quarter begins on January 1 of any given year)

1. Facility name: Trail Ridge Landfill
2. Facility mailing address: 5110 U.S. HIGHWAY 301 SOUTH
City: Baldwin County: Duval Zip: 32234-3608
3. Facility permit number: 0013493-010-SC
4. Facility telephone number (904) 289-9100
5. Authorized person preparing report: Alfred L. Burson, Sr.
6. Affiliation with facility: Environmental Protection Manager
7. Telephone number (if different from above): (386) 984-6608
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	0	298			133		165
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total	0	298			133		165

- a. Explain all inventory adjustments. _____
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved?
09/30/2005 - Tires exceeded tonage limit. This was due to a large amount of tires received by the City of Jacksonville and breakdowns at the processing facility.
For any excess inventory at the end of the quarter, state how and when this condition will be relieved.
Attach Additional sheets, if necessary.
The condition was relieved by 10/12/2005

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Alfred L. Burson, Sr.
Print Name of Authorized Agent

[Signature]
Signature of Authorized Agent

October 15, 2005
Date

Mail complete form to
the appropriate district office

Northwest District
160 Governmental Center
Pensacola, FL 32501-6794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-8100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600

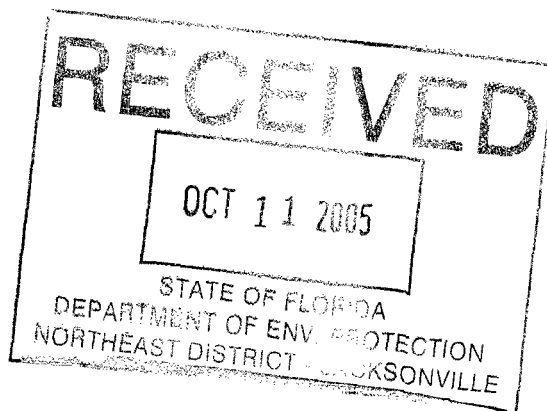


13493
Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

October 7, 2005

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Trail Ridge Landfill
Quarterly Leachate Generation Report
3rd Quarter 2005
FDEP Permit #0013493-010-SC
I.D. Number: NED/16/00033628**



Dear Ms. Nogas:

In accordance with Specific Condition 38 e. of the referenced permit, enclosed please find the Third Quarter 2005 Leachate Generation Report for Trail Ridge Landfill.

The leachate generation reports include daily precipitation amounts, the quantities of leachate collected from the LCRS and LDS, the amount of leachate transported to the water treatment facility.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Chris Pearson w/encl.
Brian Dolihite, w/o encl.

**Trail Ridge Landfill
Leachate/Rainfall: Third Quarter 2005**

Month	Rainfall	Primary	Secondary	Total	
				Produced	Recirculated
July	10.72	404,400	3,900	408,300	342,000
August	8.12	249,600	1,500	251,100	462,000
September	4.95	387,400	1,500	388,900	480,000
QTR. TOTAL	23.79	1,041,400	6,900	1,048,300	1,284,000

Trail Ridge Landfill

Leachate/Rainfall SEPTEMBER 2005

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
9/1/05	0.75	7,000	-	7,000	
9/2/05	NO REPORT			-	24,000
9/3/05				-	
9/4/05				-	
9/5/05	0.15	20,400	-	20,400	
9/6/05	0.05	6,000	-	6,000	24,000
9/7/05	2.3	8,800	-	8,800	
9/8/05	0.1	9,500	-	9,500	36,000
9/9/05	0	12,100	-	12,100	48,000
9/10/05				-	
9/11/05				-	
9/12/05	0	36,000	-	36,000	12,000
9/13/05	0	7,500	-	7,500	12,000
9/14/05	0	22,500	100	22,600	24,000
9/15/05	0	13,500	-	13,500	
9/16/05	0	60,200	-	60,200	24,000
9/17/05				-	
9/18/05				-	
9/19/05	0	38,400	-	38,400	24,000
9/20/05	0	12,800	-	12,800	30,000
9/21/05	0	3,700	-	3,700	
9/22/05	0.6	8,200	-	8,200	
9/23/05	0.5	21,200	-	21,200	
9/24/05				-	42,000
9/25/05				-	
9/26/05	0.5	-	-	-	48,000
9/27/05	0	24,400	-	24,400	30,000
9/28/05	0	26,300	700	27,000	48,000
9/29/05	0	23,200	700	23,900	36,000
9/30/05	0	25,700	-	25,700	18,000
				-	
TOTALS	4.95	387,400	1,500	388,900	480,000

Trail Ridge Landfill

Leachate/Rainfall AUGUST 2005

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
8/1/05	0.54	16,600	-	16,600	
8/2/05	4	-	-	-	54,000
8/3/05	0.75	7,700	-	7,700	42,000
8/4/05	0.04	17,700	700	18,400	24,000
8/5/05	0.11	12,400	100	12,500	12,000
8/6/05				-	42,000
8/7/05				-	
8/8/05	0.96	31,300	400	31,700	24,000
8/9/05	0.05	7,200	100	7,300	
8/10/05	0.18	4,600	-	4,600	
8/11/05	0	16,300	100	16,400	12,000
8/12/05	0	5,300	-	5,300	30,000
8/13/05				-	36,000
8/14/05				-	
8/15/05	0.2	26,600	-	26,600	24,000
8/16/05	0	4,600	-	4,600	30,000
8/17/05	0	10,300	-	10,300	18,000
8/18/05	0	5,300	-	5,300	
8/19/05	0	8,900	100	9,000	
8/20/05				-	
8/21/05				-	
8/22/05	0	19,700	-	19,700	24,000
8/23/05	0	6,500	-	6,500	24,000
8/24/05	0.4	4,700	-	4,700	24,000
8/25/05	0	8,700	-	8,700	
8/26/05	0.09	6,600	-	6,600	
8/27/05				-	
8/28/05				-	
8/29/05	0.5	12,600	-	12,600	
8/30/05	0.25	10,500	-	10,500	24,000
8/31/05	0.05	5,500	-	5,500	18,000
TOTALS	8.12	249,600	1,500	251,100	462,000

Trail Ridge Landfill

Leachate/Rainfall JULY 2005

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
7/1/05	2.7	28,400	-	28,400	18,000
7/2/05	0.4				
7/3/05					
7/4/05	2.1	61,900	700	62,600	
7/5/05	0.72	27,400	-	27,400	18,000
7/6/05	0.01	20,200	700	20,900	
7/7/05	0	4,400	-	4,400	72,000
7/8/05	0	pumps off for maintenance			6,000
7/9/05					18,000
7/10/05					
7/11/05	1.4	pumps off for maintenance			12,000
7/12/05	0.1	51,000	700	51,700	
7/13/05	0.01	21,700	-	21,700	12,000
7/14/05	0.3	18,300	-	18,300	24,000
7/15/05	0	12,400	-	12,400	
7/16/05	2.7				
7/17/05					
7/18/05	0	45,800	900	46,700	24,000
7/19/05	0	pumps down for repair			24,000
7/20/05	0	25,900	200	26,100	30,000
7/21/05	NO REPORT			-	24,000
7/22/05	0	21,700	100	21,800	18,000
7/23/05					
7/24/05					
7/25/05	0.15	26,300	400	26,700	12,000
7/26/05	0	12,500	200	12,700	24,000
7/27/05	0	6,100		6,100	
7/28/05	0	9,300		9,300	6,000
7/29/05	0.1	11,100		11,100	
7/30/05	0.03				
7/31/05					
TOTALS	10.72	404,400	3,900	408,300	342,000



13473
Trail Ridge Landfill, Inc.,
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

October 6, 2005

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION
2005 OCT -7 P 3:12
NORTHEAST DISTRICT
JACKSONVILLE, FL

**Re: Waste Quantities Report 3rd Quarter 2005
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for July, August, and September 2005 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures

GMS42

11/09/87

FACILITY

SOLID WASTE QUANTITY TRACKING

TRAIL RIDGE LANDFILL I.D. # 16/00033628

5110 US Hwy 301 South

Baldwin, FL 32234-3608

Ph: 904/289-9100

REPORTING MONTH: JULY 2005

COMMENTS/ADDITIONAL INFORMATION

WASTE CODE	WASTE AMOUNT	WASTE UNIT	
110	27,875.73	TONS	
115	57.68	TONS	
130	55,854.58	TONS	
200	1,165.25	TONS	
220	35.80	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	84,989.03		

WASTE CODES:

SOLIDS, NON-HAZARDOUS		WASTE UNIT:	
SLUDGES		CFT - CUBIC FOOT	
100 - UNCLASS, SOLID, NON-HAZARDOUS	200 - UNCLASSIFIED SLUDGES	CMT - CUBIC METER	
105 - AGRICULTURAL	205 - WATER TREATMENT/LIME SOFTEN	CYD - CUBIC YARD	
110 - RESIDENTIAL	210 - SEPTIC TANK	GAL - GALLON	
115 - COMMERCIAL	215 - AIR SCRUBBER	KGM - KILOGRAM	
120 - HOSPITAL/CLINICAL	220 - INDUSTRIAL/COMMERCIAL	LBS - POUNDS	
125 - MINING	225 - DOMESTIC WASTEWATER TREATMENT	LTR - LITER	
130 - INDUSTRIAL	230 - INCINERATOR RESIDUE	TON - TON	
135 - YARD TRASH/TRASH	235 - ION RESIDUE	MGL - MILLION GALLONS	
	295 - HAZARDOUS SLUDGE		
WASTEWATER			
300 - UNCLASSIFIED WASTEWATER	HAZARDOUS WASTE		
305 - DOMESTIC WASTEWATER	900 - UNCLASSIFIED HAZARDOUS WASTE		
310 - INDUSTRIAL WASTEWATER	905 - CAUSTIC AND ACID		
315 - REJECT WATER	910 - EXPLOSIVES		
320 - COOLING WATER	915 - HEAVY METAL SOLUTIONS		
	920 - INORGANIC CHEMICALS		
	925 - ORGANIC CHEMICALS		
	930 - ORGANIC SOLVENTS AND OILS		
	935 - PAINT AND INK WASTE		
	940 - PESTICIDES/FUNGICIDES		
	945 - PATHOLOGICAL/INFECTIOUS		
	950 - LOW-LEVEL RADIOACTIVE		
	955 - MINING		
UNKNOWN TYPE OF WASTE			
800 - UNKNOWN TYPE OF WASTE			
OTHER			
999 - OTHER - USE COMMENTS			

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: AUGUST 2005

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	29,341.61	TONS	
115	56.60	TONS	
130	65,835.38	TONS	
200	917.87	TONS	
220	73.61	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	96,225.07		

WASTE CODES:

SOLIDS, NON-HAZARDOUS	SLUDGES	WASTE UNIT:
100 - UNCLASS, SOLID, NON-HAZARDOUS	200 - UNCLASSIFIED SLUDGES	CFT - CUBIC FOOT
105 - AGRICULTURAL	205 - WATER TREATMENT/LIME SOFTEN	CMT - CUBIC METER
110 - RESIDENTIAL	210 - SEPTIC TANK	CYD - CUBIC YARD
115 - COMMERCIAL	215 - AIR SCRUBBER	GAL - GALLON
120 - HOSPITAL/CLINICAL	220 - INDUSTRIAL/COMMERCIAL	KGM - KILOGRAM
125 - MINING	225 - DOMESTIC WASTEWATER TREATMENT	LBS - POUNDS
130 - INDUSTRIAL	230 - INCINERATOR RESIDUE	LTR - LITER
135 - YARD TRASH/TRASH	235 - ION RESIDUE	TON - TON
	295 - HAZARDOUS SLUDGE	MGL - MILLION GALLONS

WASTEWATER

300 - UNCLASSIFIED WASTEWATER
305 - DOMESTIC WASTEWATER
310 - INDUSTRIAL WASTEWATER
315 - REJECT WATER
320 - COOLING WATER

HAZARDOUS WASTE

900 - UNCLASSIFIED HAZARDOUS WASTE
905 - CAUSTIC AND ACID
910 - EXPLOSIVES
915 - HEAVY METAL SOLUTIONS
920 - INORGANIC CHEMICALS
925 - ORGANIC CHEMICALS
930 - ORGANIC SOLVENTS AND OILS
935 - PAINT AND INK WASTE
940 - PESTICIDES/FUNGICIDES
945 - PATHOLOGICAL/INFECTIOUS
950 - LOW-LEVEL RADIOACTIVE
955 - MINING

UNKNOWN TYPE OF WASTE

800 - UNKNOWN TYPE OF WASTE

OTHER

999 - OTHER - USE COMMENTS



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

13493
Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

2005 OCT -7 P 2:58

NORTHEAST DISTRICT
JACKSONVILLE, FL

October 6, 2005

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

**Re: Waste Quantities Report 3rd Quarter 2005
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for July, August, and September 2005 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures

WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
27,875.73	TONS	
57.68	TONS	
55,854.58	TONS	
1,165.25	TONS	
35.80	TONS	
0.00	TONS	
	TONS	
	TONS	
84,989.03		

WASTE UNIT:	
SLUDGES	
200 - UNCLASSIFIED SLUDGES	CFT - CUBIC FOOT
205 - WATER TREATMENT/LIME SOFTEN	CMT - CUBIC METER
210 - SEPTIC TANK	CYD - CUBIC YARD
215 - AIR SCRUBBER	GAL - GALLON
220 - INDUSTRIAL/COMMERCIAL	KGM - KILOGRAM
225 - DOMESTIC WASTEWATER TREATMENT	LBS - POUNDS
230 - INCINERATOR RESIDUE	LTR - LITER
235 - ION RESIDUE	TON - TON
295 - HAZARDOUS SLUDGE	MGL - MILLION GALLONS
HAZARDOUS WASTE	
900 - UNCLASSIFIED HAZARDOUS WASTE	
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SOLIDS, NON-HAZARDOUS	
100 - UNCLASS. SOLID, NON-HAZARDOUS	
105 - AGRICULTURAL	
110 - RESIDENTIAL	
115 - COMMERCIAL	
120 - HOSPITAL/CLINICAL	
125 - MINING	
130 - INDUSTRIAL	
135 - YARD TRASH/TRASH	
WASTEWATER	
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UNKNOWN TYPE OF WASTE	
800 - UNKNOWN TYPE OF WASTE	
OTHER	
999 - OTHER - USE COMMENTS	

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

GMS42
11/09/87
FACILITY

REPORTING MONTH: AUGUST 2005

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	29,341.61	TONS	
115	56.60	TONS	
130	65,835.38	TONS	
200	917.87	TONS	
220	73.61	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	96,225.07		

WASTE CODES:		WASTE UNIT:
SOLIDS, NON-HAZARDOUS		CFT - CUBIC FOOT CMT - CUBIC METER CYD - CUBIC YARD GAL - GALLON KGM - KILOGRAM LBS - POUNDS LTR - LITER TON - TON MGL - MILLION GALLONS
100 - UNCLASS, SOLID, NON-HAZARDOUS	SLUDGES	
105 - AGRICULTURAL	200 - UNCLASSIFIED SLUDGES	
110 - RESIDENTIAL	205 - WATER TREATMENT/LIME SOFTEN	
115 - COMMERCIAL	210 - SEPTIC TANK	
120 - HOSPITAL/CLINICAL	215 - AIR SCRUBBER	
125 - MINING	220 - INDUSTRIAL/COMMERCIAL	
130 - INDUSTRIAL	225 - DOMESTIC WASTEWATER TREATMENT	
135 - YARD TRASH/TRASH	230 - INCINERATOR RESIDUE	
	235 - ION RESIDUE	
	285 - HAZARDOUS SLUDGE	
WASTEWATER		
300 - UNCLASSIFIED WASTEWATER	HAZARDOUS WASTE	
305 - DOMESTIC WASTEWATER	900 - UNCLASSIFIED HAZARDOUS WASTE	
310 - INDUSTRIAL WASTEWATER	905 - CAUSTIC AND ACID	
315 - REJECT WATER	910 - EXPLOSIVES	
320 - COOLING WATER	915 - HEAVY METAL SOLUTIONS	
	920 - INORGANIC CHEMICALS	
	925 - ORGANIC CHEMICALS	
	930 - ORGANIC SOLVENTS AND OILS	
	935 - PAINT AND INK WASTE	
	940 - PESTICIDES/FUNGICIDES	
	945 - PATHOLOGICAL/INFECTIOUS	
	950 - LOW-LEVEL RADIOACTIVE	
	955 - MINING	
UNKNOWN TYPE OF WASTE		
800 - UNKNOWN TYPE OF WASTE		
OTHER		
999 - OTHER - USE COMMENTS		

GMS42

11/09/87

FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: SEPTEMBER 2005

COMMENTS/ADDITIONAL INFORMATION

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	27,503.17	TONS	
115	74.95	TONS	
130	56,142.93	TONS	
200	1,421.60	TONS	
220	77.14	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	85,219.78		

WASTE CODES:

SOLIDS, NON-HAZARDOUS		SLUDGES	WASTE UNIT:	CFT - CUBIC FOOT
100 - UNCLASS, SOLID, NON-HAZARDOUS		200 - UNCLASSIFIED SLUDGES		OMT - CUBIC METER
105 - AGRICULTURAL		205 - WATER TREATMENT/LIME SOFTEN		CYD - CUBIC YARD
110 - RESIDENTIAL		210 - SEPTIC TANK		GAL - GALLON
115 - COMMERCIAL		215 - AIR SCRUBBER		KGM - KILOGRAM
120 - HOSPITAL/CLINICAL		220 - INDUSTRIAL/COMMERCIAL		LBS - POUNDS
125 - MINING		225 - DOMESTIC WASTEWATER TREATMENT		LTR - LITER
130 - INDUSTRIAL		230 - INCINERATOR RESIDUE		TON - TON
135 - YARD TRASH/TRASH		235 - ION RESIDUE		MGL - MILLION GALLONS
		295 - HAZARDOUS SLUDGE		
WASTEWATER				
300 - UNCLASSIFIED WASTEWATER		HAZARDOUS WASTE		
305 - DOMESTIC WASTEWATER		900 - UNCLASSIFIED HAZARDOUS WASTE		
310 - INDUSTRIAL WASTEWATER		905 - CAUSTIC AND ACID		
315 - REJECT WATER		910 - EXPLOSIVES		
320 - COOLING WATER		915 - HEAVY METAL SOLUTIONS		
		920 - INORGANIC CHEMICALS		
		925 - ORGANIC CHEMICALS		
		930 - ORGANIC SOLVENTS AND OILS		
		935 - PAINT AND INK WASTE		
		940 - PESTICIDES/FUNGICIDES		
		945 - PATHOLOGICAL/INFECTIOUS		
		950 - LOW-LEVEL RADIOACTIVE		
		955 - MINING		
UNKNOWN TYPE OF WASTE				
800 - UNKNOWN TYPE OF WASTE				
OTHER				
999 - OTHER - USE COMMENTS				

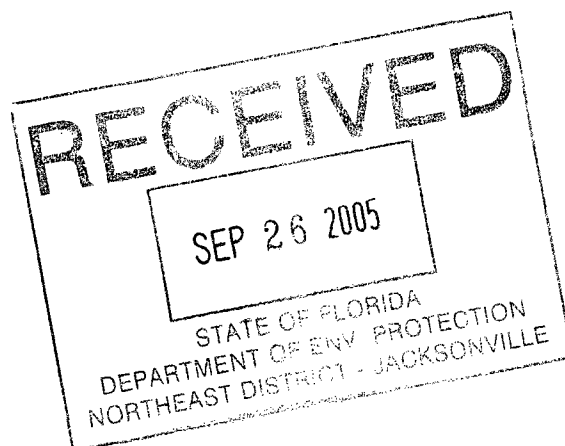


13483
Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

September 20, 2005

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7598

Re: Trail Ridge Landfill
Methane Monitoring Results/Third Quarter 2005
FDEP Permit #0013493-010-SC
I.D. #: NED/16/00033628



Dear Ms. Nogas:

In accordance with Specific Condition #35 of the referenced permit, enclosed please find the third quarter 2005 methane gas monitoring data for Trail Ridge Landfill. As indicated on the report, there was no detection of methane gas at the site.

If you have any questions, or comments concerning this report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Attachments

cc: Chris Pearson w/attachments
Brian Dolihite

GAS MONITORING REPORT

SITE: TRAIL RIDGE LANDFILL

(Landfill Name)

ANALYST: DAN ARMOUR (Professional Technical Support Services)	DATE:..... 8/30/05
GAS INSTRUMENT TYPE:..... MSA GAS SCOPE 60	SERIAL NO:..... 3122
DATE LAST CALIBRATED:..... 8/30/05	METHOD:..... Aspirator Bulb 2.5% & 50%
PRESSURE INSTRUMENT TYPE:..... N/A	SERIAL NO:..... -----
WATER LEVEL INSTRUMENT TYPE:..... SLOPE INDICATOR	SERIAL NO:..... 21
WEATHER CONDITIONS:..... CLOUDY SKY, WINDS 5-10 MPH N.E. <85°F	
BAROMETRIC PRESSURE:..... 30.03 inches Hg	

MONITOR POINT	TIME	PRESSURE (inches wc)	METHANE (% by vol air)	METHANE (% LEL)	LIQUID LEVEL (FT. TOC)	COMMENTS
GP-10	1330	N/A	0	0	DRY	
GP-9	1333	N/A	0	0	DRY	
GP-8	1337	N/A	0	0	DRY	
GP-7	1340	N/A	0	0	DRY	
GP-6	1345	N/A	0	0	4.77	
GM-1	1350	N/A	0	0	N/A	*
GM-2	1400	N/A	0	0	N/A	*
GM-3	1409	N/A	0	0	N/A	*
GM-4	1419	N/A	0	0	N/A	*
GM-5	1427	N/A	0	0	N/A	*

COMMENTS: *CHECKED VENTS, CRACKS, CONDUIT AND CONFINED SPACES INSIDE AND OUTSIDE OF BUILDING



TRAIL RIDGE LANDFILL, INC.
5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 FAX

May 24, 2005

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**RE: FDEP Permit Number: 0013493-010-SC
Trail Ridge Landfill
Annual Topographic Survey for 2005**

Dear Ms. Nogas:

In accordance with Specific Condition 9 of the referenced permit, we are enclosing the annual topographical survey for Trail Ridge Landfill. The current permitted maximum design elevation is 350.6 feet MSL. The survey indicates the site is well below this elevation. The terraces, toe of slope, and other features of the site are easily identifiable from this survey.

Please call me at 289-9100 if you have any questions or comments concerning this enclosure.

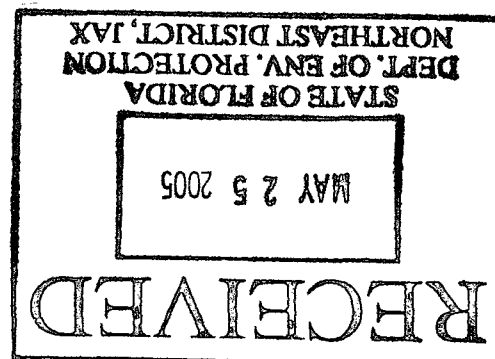
Sincerely,

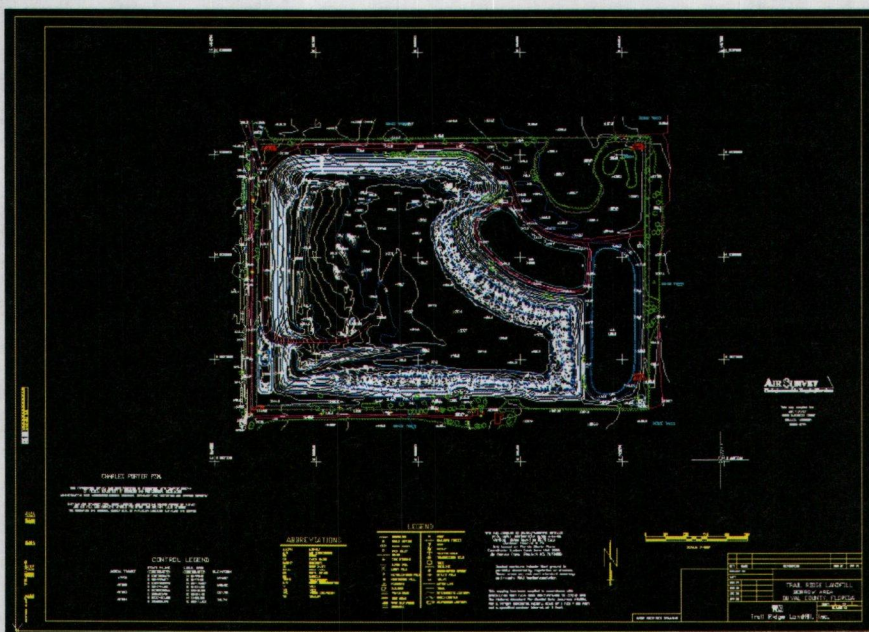
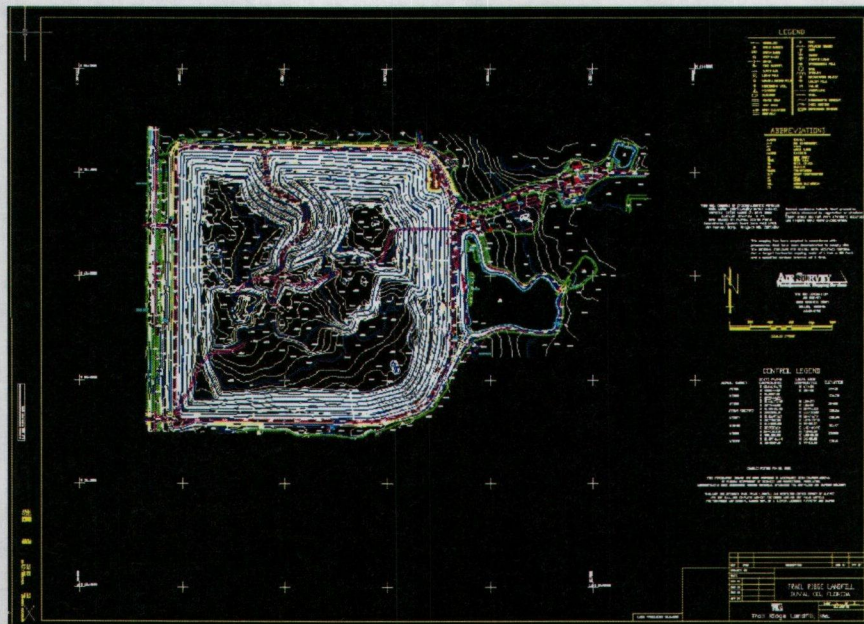
Greg Mathes
Director of Landfill Operations

GM:lh

Encl

cc: Chris Pearson, w/o enclosures
Brian Dolihite, w/o enclosures
Al Burson, w/o enclosures



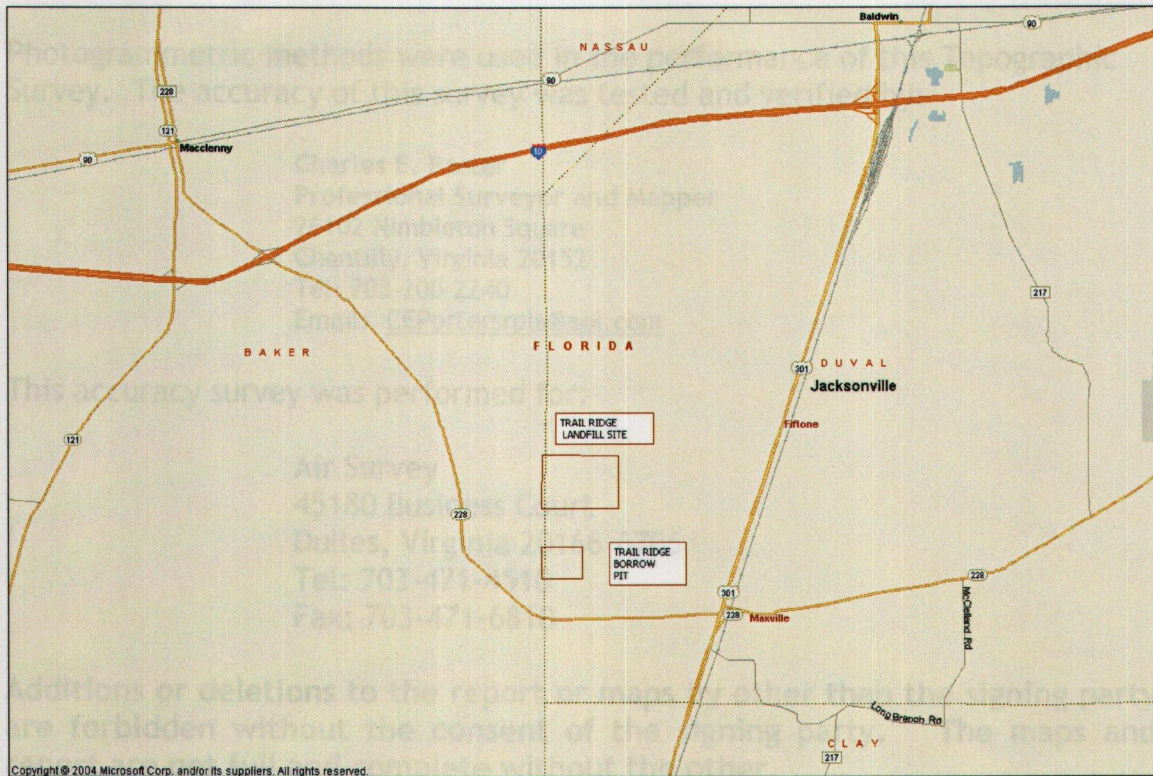


CHARLES E. PORTER
PROFESSIONAL SURVEYOR AND MAPPER NO.4257
 26102 Nimbleton Square
 Chantilly, Virginia 20152
 703-200-2240
 CEPortersrPLS@aol.com

STATE OF FLORIDA
DEPT. OF ENV. PROTECTION
NORTHEAST DISTRICT, JAX

MAY 25 2005

RECEIVED



VICINITY MAP
NOT TO SCALE

Topographic Survey:

This document has been prepared in accordance with Chapter 61G17-6 of the Florida State Department of Business and Professional Regulation code, which addresses minimum technical standards and mapping industry.

NOTE: THIS REPORT AND ACCOMPANING MAP ARE NOT FULL AND COMPLETE WITHOUT THE OTHER, AND ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

Charles E. Porter, PSM No. 4257

Project Name: Trail Ridge Landfill, Duval County, Florida

Title/Type of Survey: Aerial Topographic Survey

Date of Imagery 04/04/05

Scale of Aerial Photography: 1:6000

Data Sources:

The horizontal and vertical control used for this project was obtained from England, Thims and Miller, Inc., 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248. The photography used for this project was obtained on April 04, 2005.

Photogrammetric methods were used in the performance of this Topographic Survey. The accuracy of this survey was tested and verified by:

Charles E. Porter
Professional Surveyor and Mapper
26102 Nimbleton Square
Chantilly, Virginia 20152
Tel: 703-200-2240
Email: CEPortersrpls@aol.com

This accuracy survey was performed for:

Air Survey
45180 Business Court
Dulles, Virginia 20166-6706
Tel: 703-471-4510
Fax: 703-471-6810

Additions or deletions to the report or maps by other than the signing party are forbidden without the consent of the signing party. The maps and report are not full and complete without the other.

Methods:

All map data were collected using Photogrammetric methodology from aerial photography dated 04/04/05 acquired at an altitude of 3000' above mean terrain to produce a photo scale of 1:6000 (1"=500'). Fully analytical stereo plotter instruments were used in the collection of digital data with Photogrammetric software specifically designed for the extraction of positional information from stereo imagery.

The relative location of the site improvements (i.e. roads, trails, streets, fences, buildings, and drainage features) has been accurately portrayed with respect to the ground control survey. Planimetric features and details were collected commensurate with the final output map scale and the ability of the operator to see and interpret these features from the photography. Areas where the ground is masked due the heavy vegetation have been labeled and identified with dashed contours. These areas should be field-verified prior to any design work being preformed.

Data Sources:

The horizontal and vertical control used for this project was obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248. The photography used for this project was obtained on April 04, 2005.

Vertical Datum:

The vertical datum is NGVD 1929. Elevations are based on site benchmarks obtained from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248.

The horizontal datum is Florida Coordinate System, East Zone, and NAD 1983. All horizontal and vertical ground control and map data is expressed in U.S. Survey Feet.

Accuracies:

The maps and digital files for this project meet the Minimum Technical Standards of the State of Florida:

- ◆ At least 90% of the ground point elevations of well-defined features contained in this map have been measured to an estimated vertical positional accuracy of: +/-1.0 feet.
- ◆ The survey-measured verses ground truth coordinates of at least 90% of well-defined features contained in this survey and map have been measured to an estimated horizontal positional accuracy of: +/-2.5 feet.

Horizontal and vertical accuracy is determined from the absolute orientation solution, which is based upon ground control values received from England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248.

Digital mapping and/or coordinate data files are intended to be displayed at a scale of 1:1200 (1"=100') or smaller.

Intended Features:

All features identified by the mapping limits as indicated on the aerial photography contact points were intended to be surveyed and mapped in their entirety. All line drawn features are shown to scale. Symbols do not represent

the actual size of the object. Refer to the Map Legend in the digital file for the cartographic representation of each feature.

This mapping should be used for preliminary design work only, and should not replace an actual field run survey where the required accuracy is greater than the accuracy stated in this report.

This survey is restricted to the active areas of the landfill for which the company contracted to update. No responsibility, expressed or implied, is assumed for the areas outside this scope.

The signing party assumes no responsibility of the accuracy of the ground control or the boundary information provided by England, Thims and Miller, Inc, 3131 St. Johns Bluff Road South, Jacksonville, Florida 32248

To the best of my knowledge and belief, based on my review, all of the products meet the accuracy and quality standards as required.

Prepared for:

Air Survey
45180 Business Court
Dulles, Virginia 20166-6706

Certification:

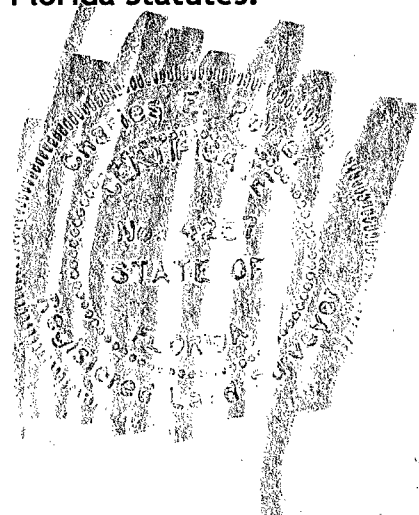
To the best of my knowledge this survey and report meet all applicable requirements of the Florida Minimum Technical Standards as contained in Chapter 61G17-6 FAC pursuant to Section 472.027 Florida Statutes.

Surveyor and Mapper in Responsible Charge:

Charles E. Porter
Professional Surveyor and Mapper
License Number LS 4257

Signed: _____

Seal: _____





STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

2005 MAR 28 P 2:59

TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

March 25, 2005

NORTHEAST DISTRICT
JACKSONVILLE, FL

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7598

**Re: Trail Ridge Landfill
Methane Monitoring Results/First Quarter 2005
FDEP Permit #0013493-010-SC
I.D. #: NED/16/00033628**

Dear Ms. Nogas:

In accordance with Specific Condition #35 of the referenced permit, enclosed please find the first quarter 2005 methane gas monitoring data for Trail Ridge Landfill. As indicated on the report, there was no detection of methane gas at the site.

If you have any questions, or comments concerning this report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Attachments

cc: Chris Pearson w/attachments
Brian Dolihite

GAS MONITORING REPORT

FACILITY NAME:: TRAIL RIDGE LANDFILL

ANALYST: DAN ARMOUR	DATE:..... 3/21/05
GAS INSTRUMENT TYPE:..... MSA GAS SCOPE 60	SERIAL NO:.....
DATE LAST CALIBRATED:..... 3/21/05	METHOD:..... Aspirator Bulb 2.5 & 50%
PRESSURE INSTRUMENT TYPE:..... AIR NEOTRONICS	SERIAL NO:..... 019274
WATER LEVEL INSTRUMENT TYPE:..... SLOPE INDICATOR	SERIAL NO:..... 021
WEATHER CONDITIONS:..... CLOUDY SKY, WINDS NW 0-5, 70-75° F	
BAROMETRIC PRESSURE:..... 29.89 INCHES Hg	

MONITOR POINT	TIME	PRESSURE	PERCENT METHANE	WATER LEVEL	COMMENTS
GP-10	1112	0.00	0	DRY	
GP-9	1117	0.01	0	DRY	
GP-8	1122	0.01	0	DRY	
GP-7	1128	0.00	0	DRY	
GP-6	1134	0.00	0	DRY	
GM-1	1140	N/A	0	N/A	*
GM-2	1151	N/A	0	N/A	*
GM-3	1201	N/A	0	N/A	*
GM-4	1209	N/A	0	N/A	*
GM-5	1219	N/A	0	N/A	*

NOTE: ALL READINGS ARE 0-100% METHANE BY VOLUME OF AIR
ALL PRESSURE READINGS ARE EXPRESSED AS INCHES OF H₂O

COMMENTS: *MONITORED VENTS, CRACKS, CONDUIT AND CONFINED SPACES INSIDE AND OUTSIDE OF BUILDING



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

2005 JAN 14 P 2:21

TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

January 12, 2005

NORTHEAST DISTRICT
JACKSONVILLE, FL

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Trail Ridge Landfill
Quarterly Leachate Generation Report
Fourth Quarter 2004
FDEP Permit #0013493-010-SC
I.D. Number: NED/16/00033628**

Dear Ms. Nogas:

In accordance with Specific Condition 38 e. of the referenced permit, enclosed please find the Fourth Quarter 2004 Leachate Generation Report for Trail Ridge Landfill.

The leachate generation reports include daily precipitation amounts, the quantities of leachate collected from the LCRS and LDS, the amount of leachate transported to the water treatment facility.

Sincerely,



Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Chris Pearson w/encl.
Brian Dolihite, w/o encl.

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

2005 JAN 14 P 2:21

NORTHEAST DISTRICT
JACKSONVILLE, FL

Trail Ridge Landfill Leachate/Rainfall: Fourth Quarter 2004

Month	Rainfall	Primary	Secondary	Total		
				Produced	Transported	Recirculated
October	2.00	502,600	800	503,400	564,000	-
November	3.27	294,900	-	294,900	318,000	-
December	3.06	552,800	800	553,600	576,000	-
QTR. TOTAL	8.33	1,350,300	1,600	1,351,900	1,458,000	

Trail Ridge Landfill
Leachate/Rainfall OCTOBER 2004

if over 4492 let Mark know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
10/1/04	0	16,900	-	16,900	42,000	
10/2/04					36,000	
10/3/04						
10/4/04	1.3	67,100	500	67,600	60,000	
10/5/04	0	37,600	-	37,600	42,000	
10/6/04	0	20,100	-	20,100	36,000	
10/7/04	0	18,200	300	18,500	36,000	
10/8/04	0	25,900	-	25,900	30,000	
10/9/04						
10/10/04						
10/11/04	0.05	51,000	-	51,000	24,000	
10/12/04	0.03	15,700	-	15,700		
10/13/04	0	15,200	-	15,200	30,000	
10/14/04	0	18,500	-	18,500	42,000	
10/15/04	0.5	20,900	-	20,900	36,000	
10/16/04						
10/17/04						
10/18/04	0	39,400	-	39,400	42,000	
10/19/04	0	16,800	-	16,800	42,000	
10/20/04	0	14,500	-	14,500		
10/21/04	0	15,400	-	15,400		
10/22/04	0	15,200	-	15,200		
10/23/04						
10/24/04						
10/25/04	0	41,600	-	41,600	30,000	
10/26/04	0	14,200	-	14,200	18,000	
10/27/04	0	15,100	-	15,100		
10/28/04	0	9,000	-	9,000		
10/29/04	0.12	14,300	-	14,300	18,000	
10/30/04						
10/31/04						
TOTALS	2.00	502,600	800	503,400	564,000	-

Trail Ridge Landfill

Leachate/Rainfall NOVEMBER 2004

if over 4492 let Mark know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
11/1/04	0.03	33,600	-	33,600	6,000	
11/2/04	0	4,500	-	4,500		
11/3/04	0	4,200	-	4,200	42,000	
11/4/04	0	18,700	-	18,700		
11/5/04	0.11	1,600	-	1,600	18,000	
11/6/04			-			
11/7/04						
11/8/04	0	29,800	-	29,800	18,000	
11/9/04	0	4,600	-	4,600	18,000	
11/10/04	0	17,400	-	17,400	18,000	
11/11/04	0	1,500	-	1,500	6,000	
11/12/04	0	11,500	-	11,500	6,000	
11/13/04						
11/14/04						
11/15/04	0	23,100	-	23,100	24,000	
11/16/04	0	10,200	-	10,200	54,000	
11/17/04	0	8,300	-	8,300	18,000	
11/18/04	0	19,100	-	19,100	18,000	
11/19/04	0	1,500	-	1,500		
11/20/04						
11/21/04						
11/22/04	0.06	28,000	-	28,000		
11/23/04	0	7,500	-	7,500	24,000	
11/24/04	0	11,100	-	11,100	6,000	
11/25/04	holiday					
11/26/04	2.36	18,800	-	18,800	18,000	
11/27/04						
11/28/04						
11/29/04	0.71	30,400	-	30,400	6,000	
11/30/04	0	9,500	-	9,500	18,000	
				-		
TOTALS	3.27	294,900	-	294,900	318,000	-

Trail Ridge Landfill

Leachate/Rainfall DECEMBER 2004

If over 4492 let Mark know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
12/1/04	0	16,900	-	16,900	30,000	
12/2/04	0.04	14,700	-	14,700	18,000	
12/3/04	0	15,100	-	15,100		
12/4/04			-	-		
12/5/04			-	-		
12/6/04	0.06	43,200	-	43,200		
12/7/04	0	13,200	-	13,200	18,000	
12/8/04	0	30,600	-	30,600	54,000	
12/9/04	0	25,400	-	25,400	30,000	
12/10/04	0	9,600	-	9,600	30,000	
12/11/04			-	-		
12/12/04			-	-		
12/13/04	0.93	70,100	-	70,100	30,000	
12/14/04	0	14,300	-	14,300	48,000	
12/15/04	0	17,800	-	17,800	54,000	
12/16/04	0	8,100	-	8,100	30,000	
12/17/04	0	30,900	-	30,900	24,000	
12/18/04			-	-		
12/19/04			-	-		
12/20/04	0	45,800	-	45,800	36,000	
12/21/04	0	12,500	-	12,500	18,000	
12/22/04	0	20,700	-	20,700	18,000	
12/23/04	0.05	21,100	-	21,100	12,000	
12/24/04	0	7,400	-	7,400		
12/25/04			-	-		
12/26/04			-	-		
12/27/04	1.98	32,000	-	32,000		
12/28/04	0	49,100	800	49,900	30,000	
12/29/04	0	18,100	-	18,100	18,000	
12/30/04	0	13,900	-	13,900	36,000	
12/31/04	0	22,300	-	22,300	42,000	
TOTALS	3.06	552,800	800	553,600	576,000	-



January 6, 2005

TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

Ms. Mary Nogas, P.E.
Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Permit No. 0013493-010-SC
Waste Tire Processing Facility Quarterly Report
Fourth Quarter 2004**

Dear Ms. Nogas:

In accordance with specific condition 27e of the above referenced permit, please find enclosed, the Waste Tire Processing Facility Quarterly Report for Trail Ridge Landfill for the fourth calendar quarter of 2004.

Should you have any questions concerning the report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Enclosure

cc: Brian Dolihite, w/o encl.



Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title <u>Quarterly Report</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report 4th Qtr 2004 (First quarter begins on January 1 of any given year)

1. Facility name: Trail Ridge Landfill
2. Facility mailing address: 5110 U.S. Hwy 301 So.
City: Baldwin County: Duval Zip: 32234-3608
3. Facility permit number: 0013493-010-SC
4. Facility telephone number: (904) 289-9100
5. Authorized person preparing report: Greg Mathes
6. Affiliation with facility: Director of Landfill Operations
7. Telephone number (if different from above): ()
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	0	209			209		0
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total	0	209			209		0

- a. Explain all inventory adjustments. _____
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved? _____

For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary.

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Greg Mathes

Print Name of Authorized Agent

Greg Mathes

Signature of Authorized Agent

1/1/05

Date

Mail complete form to
the appropriate district office

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600



TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

January 6, 2005

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

**Re: Waste Quantities Report 4th Quarter 2004
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for October, November and December 2004 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: OCTOBER 2004

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	25,342.72	TONS	
115	25.53	TONS	
130	51,107.53	TONS	
200	1,379.62	TONS	
220	16.16	TONS	
230	0.00	TONS	
		TONS	
		TONS	
		TONS	
TOTAL	77,871.56		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS. SOLID, NON-HAZARDOUS
- 105 - AGRICULTURAL
- 110 - RESIDENTIAL
- 115 - COMMERCIAL
- 120 - HOSPITAL/CLINICAL
- 125 - MINING
- 130 - INDUSTRIAL
- 135 - YARD TRASH/TRASH

SLUDGES

- 200 - UNCLASSIFIED SLUDGES
- 205 - WATER TREATMENT/LIME SOFTEN
- 210 - SEPTIC TANK
- 215 - AIR SCRUBBER
- 220 - INDUSTRIAL/COMMERCIAL
- 225 - DOMESTIC WASTEWATER TREATMENT
- 230 - INCINERATOR RESIDUE
- 235 - ION RESIDUE
- 295 - HAZARDOUS SLUDGE

WASTE UNIT:

- CFT - CUBIC FOOT
- CMT - CUBIC METER
- CYD - CUBIC YARD
- GAL - GALLON
- KGM - KILOGRAM
- LBS - POUNDS
- LTR - LITER
- TON - TON
- MGL - MILLION GALLONS

WASTEWATER

- 300 - UNCLASSIFIED WASTEWATER
- 305 - DOMESTIC WASTEWATER
- 310 - INDUSTRIAL WASTEWATER
- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

- 900 - UNCLASSIFIED HAZARDOUS WASTE
- 905 - CAUSTIC AND ACID
- 910 - EXPLOSIVES
- 915 - HEAVY METAL SOLUTIONS
- 920 - INORGANIC CHEMICALS
- 925 - ORGANIC CHEMICALS
- 930 - ORGANIC SOLVENTS AND OILS
- 935 - PAINT AND INK WASTE
- 940 - PESTICIDES/FUNGICIDES
- 945 - PATHOLOGICAL/INFECTIOUS
- 950 - LOW-LEVEL RADIOACTIVE
- 955 - MINING

UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph. 904/289-9100

REPORTING MONTH: NOVEMBER 2004

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	27,108.45	TONS	
115	65.72	TONS	
130	50,146.60	TONS	
200	768.87	TONS	
220	30.92	TONS	
230	0.00	TONS	
		TONS	
		TONS	
		TONS	
TOTAL	78,120.56		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS. SOLID, NON-HAZARDOUS
- 105 - AGRICULTURAL
- 110 - RESIDENTIAL
- 115 - COMMERCIAL
- 120 - HOSPITAL/CLINICAL
- 125 - MINING
- 130 - INDUSTRIAL
- 135 - YARD TRASH/TRASH

SLUDGES

- 200 - UNCLASSIFIED SLUDGES
- 205 - WATER TREATMENT/LIME SOFTEN
- 210 - SEPTIC TANK
- 215 - AIR SCRUBBER
- 220 - INDUSTRIAL/COMMERCIAL
- 225 - DOMESTIC WASTEWATER TREATMENT
- 230 - INCINERATOR RESIDUE
- 235 - ION RESIDUE
- 295 - HAZARDOUS SLUDGE

WASTE UNIT:

- CFT - CUBIC FOOT
- CMT - CUBIC METER
- CYD - CUBIC YARD
- GAL - GALLON
- KGM - KILOGRAM
- LBS - POUNDS
- LTR - LITER
- TON - TON
- MGL - MILLION GALLONS

WASTEWATER

- 300 - UNCLASSIFIED WASTEWATER
- 305 - DOMESTIC WASTEWATER
- 310 - INDUSTRIAL WASTEWATER
- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

- 900 - UNCLASSIFIED HAZARDOUS WASTE
- 905 - CAUSTIC AND ACID
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- 940 - PESTICIDES/FUNGICIDES
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- 955 - MINING

UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: DECEMBER 2004

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	28,843.43	TONS	
115	70.70	TONS	
130	51,894.71	TONS	
200	1,114.45	TONS	
220	50.95	TONS	
230	0.00	TONS	
		TONS	
		TONS	
		TONS	
TOTAL	81,974.24		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS. SOLID, NON-HAZARDOUS
- 105 - AGRICULTURAL
- 110 - RESIDENTIAL
- 115 - COMMERCIAL
- 120 - HOSPITAL/CLINICAL
- 125 - MINING
- 130 - INDUSTRIAL
- 135 - YARD TRASH/TRASH

SLUDGES

- 200 - UNCLASSIFIED SLUDGES
- 205 - WATER TREATMENT/LIME SOFTEN
- 210 - SEPTIC TANK
- 215 - AIR SCRUBBER
- 220 - INDUSTRIAL/COMMERCIAL
- 225 - DOMESTIC WASTEWATER TREATMENT
- 230 - INCINERATOR RESIDUE
- 235 - ION RESIDUE
- 295 - HAZARDOUS SLUDGE

WASTE UNIT:

- CFT - CUBIC FOOT
- CMT - CUBIC METER
- CYD - CUBIC YARD
- GAL - GALLON
- KGM - KILOGRAM
- LBS - POUNDS
- LTR - LITER
- TON - TON
- MGL - MILLION GALLONS

WASTEWATER

- 300 - UNCLASSIFIED WASTEWATER
- 305 - DOMESTIC WASTEWATER
- 310 - INDUSTRIAL WASTEWATER
- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

- 900 - UNCLASSIFIED HAZARDOUS WASTE

- UNKNOWN TYPE OF WASTE
- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS

- 945 - PATHOLOGICAL/INFECTIOUS
- 950 - LOW-LEVEL RADIOACTIVE
- 955 - MINING

**LARGE NUMBER
OF MAPS
SCANNED
SEPARATELY**



Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

2005 JUL 12 P 1:55

July 8, 2005

NORTHEAST DISTRICT
JACKSONVILLE, FL

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

**Re: Waste Quantities Report 2nd Quarter 2005
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for April, May, and June 2005 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures

GMS42
11/09/87
FACILITY

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: APRIL 2005

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	27,503.17	TONS	
115	74.95	TONS	
130	56,142.93	TONS	
200	1,421.60	TONS	
220	77.14	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	85,219.78		

WASTE CODES:

SOLIDS, NON-HAZARDOUS

- 100 - UNCLASS, SOLID, NON-HAZARDOUS
- 105 - AGRICULTURAL
- 110 - RESIDENTIAL
- 115 - COMMERCIAL
- 120 - HOSPITAL/CLINICAL
- 125 - MINING
- 130 - INDUSTRIAL
- 135 - YARD TRASH/TRASH

SLUDGES

- 200 - UNCLASSIFIED SLUDGES
- 205 - WATER TREATMENT/LIME SOFTEN
- 210 - SEPTIC TANK
- 215 - AIR SCRUBBER
- 220 - INDUSTRIAL/COMMERCIAL
- 225 - DOMESTIC WASTEWATER TREATMENT
- 230 - INCINERATOR RESIDUE
- 235 - ION RESIDUE
- 295 - HAZARDOUS SLUDGE

WASTE UNIT:

- CFT - CUBIC FOOT
- CMT - CUBIC METER
- CYD - CUBIC YARD
- GAL - GALLON
- KGM - KILOGRAM
- LBS - POUNDS
- LTR - LITER
- TON - TON
- MGL - MILLION GALLONS

WASTEWATER

- 300 - UNCLASSIFIED WASTEWATER
- 305 - DOMESTIC WASTEWATER
- 310 - INDUSTRIAL WASTEWATER
- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

- 900 - UNCLASSIFIED HAZARDOUS WASTE
- 905 - CAUSTIC AND ACID
- 910 - EXPLOSIVES
- 915 - HEAVY METAL SOLUTIONS
- 920 - INORGANIC CHEMICALS
- 925 - ORGANIC CHEMICALS
- 930 - ORGANIC SOLVENTS AND OILS
- 935 - PAINT AND INK WASTE
- 940 - PESTICIDES/FUNGICIDES
- 945 - PATHOLOGICAL/INFECTIOUS
- 950 - LOW-LEVEL RADIOACTIVE
- 955 - MINING

UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: MAY 2005

GMS42
11/09/87
FACILITY

COMMENTS/ADDITIONAL INFORMATION			
WASTE CODE	WASTE AMOUNT	WASTE UNIT	
110	27,669.52	TONS	
115	87.07	TONS	
130	55,124.60	TONS	
200	1,101.39	TONS	
220	64.94	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	84,047.52		

WASTE CODES:

SOLIDS, NON-HAZARDOUS		SLUDGES	WASTE UNIT:	CFT - CUBIC FOOT
100 - UNCLASS, SOLID, NON-HAZARDOUS		200 - UNCLASSIFIED SLUDGES		CMT - CUBIC METER
105 - AGRICULTURAL		205 - WATER TREATMENT/LIME SOFTEN		CYD - CUBIC YARD
110 - RESIDENTIAL		210 - SEPTIC TANK		GAL - GALLON
115 - COMMERCIAL		215 - AIR SCRUBBER		KGM - KILOGRAM
120 - HOSPITAL/CLINICAL		220 - INDUSTRIAL/COMMERCIAL		LBS - POUNDS
125 - MINING		225 - DOMESTIC WASTEWATER TREATMENT		LTR - LITER
130 - INDUSTRIAL		230 - INCINERATOR RESIDUE		TON - TON
135 - YARD TRASH/TRASH		235 - ION RESIDUE		MGL - MILLION GALLONS
		295 - HAZARDOUS SLUDGE		
WASTEWATER				
300 - UNCLASSIFIED WASTEWATER		HAZARDOUS WASTE		
305 - DOMESTIC WASTEWATER		900 - UNCLASSIFIED HAZARDOUS WASTE		
310 - INDUSTRIAL WASTEWATER		905 - CAUSTIC AND ACID		
315 - REJECT WATER		910 - EXPLOSIVES		
320 - COOLING WATER		915 - HEAVY METAL SOLUTIONS		
		920 - INORGANIC CHEMICALS		
		925 - ORGANIC CHEMICALS		
		930 - ORGANIC SOLVENTS AND OILS		
		935 - PAINT AND INK WASTE		
		940 - PESTICIDES/FUNGICIDES		
		945 - PATHOLOGICAL/INFECTIOUS		
		950 - LOW-LEVEL RADIOACTIVE		
		955 - MINING		
UNKNOWN TYPE OF WASTE				
800 - UNKNOWN TYPE OF WASTE				
OTHER				
999 - OTHER - USE COMMENTS				

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	29,216.77	TONS	
115	49.28	TONS	
130	58,718.11	TONS	
200	903.98	TONS	
220	24.79	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	88,912.92		

WASTE CODES: SOLIDS, NON-HAZARDOUS SLUDGES WASTE UNIT: CFT - CUBIC FOOT CMT - CUBIC METER CYD - CUBIC YARD GAL - GALLON KGM - KILOGRAM LBS - POUNDS LTR - LITER TON - TON MGL - MILLION GALLONS

- 100 - UNCLASS, SOLID, NON-HAZARDOUS

105 - AGRICULTURAL

110 - RESIDENTIAL

115 - COMMERCIAL

120 - HOSPITAL/CLINICAL

125 - MINING

130 - INDUSTRIAL

135 - YARD TRASH/TRASH
- 200 - UNCLASSIFIED SLUDGES

205 - WATER TREATMENT/LIME SOFTEN

210 - SEPTIC TANK

215 - AIR SCRUBBER

220 - INDUSTRIAL/COMMERCIAL

225 - DOMESTIC WASTEWATER TREATMENT

230 - INCINERATOR RESIDUE

235 - ION RESIDUE

295 - HAZARDOUS SLUDGE

WASTEWATER

- 300 - UNCLASSIFIED WASTEWATER
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- 315 - REJECT WATER
- 320 - COOLING WATER

HAZARDOUS WASTE

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- 950 - LOW-LEVEL RADIOACTIVE
- 955 - MINING

UNKNOWN TYPE OF WASTE

- 800 - UNKNOWN TYPE OF WASTE

OTHER

- 999 - OTHER - USE COMMENTS



Trail Ridge Landfill, Inc.
5110 U.S. Highway 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

July 8, 2005

Ms. Mary Nogas, P.E.
Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

Re: Permit No. 0013493-010-SC
Waste Tire Processing Facility Quarterly Report
Second Quarter 2005

Dear Ms. Nogas:

In accordance with specific condition 27e of the above referenced permit, please find enclosed, the Waste Tire Processing Facility Quarterly Report for Trail Ridge Landfill for the second calendar quarter of 2005.

Should you have any questions concerning the report, please call me at 289-9100.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Mathes", with a large, stylized flourish extending from the end of the signature.

Greg Mathes
Director of Landfill Operations

GM:lh
Enclosures

cc: Brian Dolihite, w/o encl.



Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title <u>Quarterly Report</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report Second Qtr 2005 (First quarter begins on January 1 of any given year)

1. Facility name: Trail Ridge Landfill
2. Facility mailing address: 5110 U.S. HIGHWAY 301 SOUTH
City: Baldwin County: Duval Zip: 32234-3608
3. Facility permit number: 0013493-010-SC
4. Facility telephone number (904) 289-9100
5. Authorized person preparing report: Greg Mathes
6. Affiliation with facility: Director of Landfill Operations
7. Telephone number (if different from above): ()
8. Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	47	321			368		0
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total	47	321			368		0

- a. Explain all inventory adjustments. _____
- b. List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved? _____

For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary.

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

Greg Mathes

Print Name of Authorized Agent

[Signature]
Signature of Authorized Agent

July 8, 2005

Date

Mail complete form to
the appropriate district office

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600



Trail Ridge Landfill, Inc.
5110 U.S. Hwy 301 So.
Baldwin, FL 32234-3608
904/289-9100 Fax: 904/289-9013

2005 JUL 12 P 1:55

July 8, 2005

NORTHEAST DISTRICT
JACKSONVILLE, FL

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

Re: Trail Ridge Landfill
Quarterly Leachate Generation Report
2nd Quarter 2005
FDEP Permit #0013493-010-SC
I.D. Number: NED/16/00033628

Dear Ms. Nogas:

In accordance with Specific Condition 38 e. of the referenced permit, enclosed please find the Second Quarter 2005 Leachate Generation Report for Trail Ridge Landfill.

The leachate generation reports include daily precipitation amounts, the quantities of leachate collected from the LCRS and LDS, the amount of leachate transported to the water treatment facility.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Mathes", written over a horizontal line.

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Chris Pearson w/encl.
Brian Dolihite, w/o encl.

Trail Ridge Landfill
Leachate/Rainfall: Second Quarter 2005

Month	Rainfall	Primary	Secondary	Total		Recirculated
				Produced	Transported	
April	4.98	463,000	3,000	466,000	450,000	-
May	3.07	409,500	2,800	412,300	462,000	-
June	12.37	408,800	2,800	411,600	450,000	-
QTR. TOTAL	20.42	1,281,300	8,600	1,289,900	1,362,000	

Trail Ridge Landfill

Leachate/Rainfall APRIL 2005

if over 4492 let Mark know

Rainfall: First Quarter 2005		Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
Date	Rainfall Inches					
4/1/05	0.7	12,600	-	12,600	6,000	
4/2/05	1.5			-		
4/3/05				-		
4/4/05	0	46,900	800	47,700	30,000	
4/5/05	0	15,600	-	15,600	12,000	
4/6/05	0	12,700	-	12,700	30,000	
4/7/05	0	14,700	-	14,700	24,000	
4/8/05	1.55	21,000	900	21,900	24,000	
4/9/05				-		
4/10/05				-		
4/11/05	0	41,200	-	41,200	36,000	
4/12/05	0	16,600	-	16,600	12,000	
4/13/05	0.8	43,500		43,500		
4/14/05	0	25,100	600	25,700	24,000	
4/15/05	0	12,000	-	12,000	12,000	
4/16/05				-		
4/17/05				-		
4/18/05	0	29,700	-	29,700	42,000	
4/19/05	0	31,200	-	31,200	54,000	
4/20/05	0	12,900	-	12,900	48,000	
4/21/05	0	13,200	600	13,800	24,000	
4/22/05	0	16,000	-	16,000	6,000	
4/23/05	0.16		-	-		
4/24/05				-		
4/25/05	0	29,200	-	29,200		
4/26/05	0	12,800	-	12,800	24,000	
4/27/05	0.27	12,300	-	12,300		
4/28/05	0	26,800	100	26,900	18,000	
4/29/05	0	17,000	-	17,000	24,000	
4/30/05				-		
				-		
TOTALS	4.98	463,000	3,000	466,000	450,000	

Trail Ridge Landfill

Leachate/Rainfall MAY 2005

if over 4492 let AI know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
5/1/05				-		
5/2/05	0.37	45,100	500	45,600		
5/3/05	0	7,900	-	7,900	30,000	
5/4/05	0	13,800	-	13,800	30,000	
5/5/05	0.77	10,800	-	10,800	36,000	
5/6/05	0.56	22,800	-	22,800	12,000	
5/7/05				-		
5/8/05				-		
5/9/05	0	51,100	-	51,100		
5/10/05	0	16,100	700	16,800	30,000	
5/11/05	0.24	17,200	-	17,200		
5/12/05	0.08	7,000	-	7,000	30,000	
5/13/05	0	26,300	-	26,300	66,000	
5/14/05				-	36,000	
5/15/05				-		
5/16/05	0	3,700	-	3,700	36,000	
5/17/05	0	-	-	-	30,000	
5/18/05	0.18	15,700	-	15,700	12,000	
5/19/05	0	11,300	-	11,300	12,000	
5/20/05	0	15,200	-	15,200	12,000	
5/21/05				-		
5/22/05				-		
5/23/05	0.6	44,000	900	44,900	12,000	
5/24/05	0	16,300	-	16,300		
5/25/05	0	14,100	-	14,100		
5/26/05	0	12,700	-	12,700	24,000	
5/27/05	0	12,600	-	12,600	18,000	
5/28/05				-		
5/29/05				-		
5/30/05	0	39,200	-	39,200		
5/31/05	0.27	6,600	700	7,300	36,000	
TOTALS	3.07	409,500	2,800	412,300	462,000	

Trail Ridge Landfill
Leachate/Rainfall JUNE 2005

if over 4492 let Al know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
6/1/05	0.47	18,100	-	18,100	30,000	
6/2/05	0.05	13,900	400	14,300	48,000	
6/3/05	0.28	15,000	400	15,400	60,000	
6/4/05	0.04					
6/5/05						
6/6/05	0.02	40,600	-	40,600	12,000	
6/7/05	0	12,300	-	12,300	42,000	
6/8/05	0	11,900	-	11,900		
6/9/05	0	12,300	-	12,300	24,000	
6/10/05	0	13,400	-	13,400		
6/11/05	0.03					
6/12/05						
6/13/05	0.85	37,900	100	38,000	24,000	
6/14/05	2	12,900	200	13,100	36,000	
6/15/05	0.7	21,800	100	21,900		
6/16/05	0	18,500	-	18,500	12,000	
6/17/05	0	22,600	-	22,600	6,000	
6/18/05	0					
6/19/05	0					
6/20/05	0.4	46,600	700	47,300	36,000	
6/21/05	0	13,500	-	13,500	12,000	
6/22/05	0.28	7,500	-	7,500	30,000	
6/23/05	0	10,400	-	10,400	12,000	
6/24/05	0	9,500	-	9,500		
6/25/05						
6/26/05						
6/27/05	0.55	27,500	-	27,500	54,000	
6/28/05	1.55	13,600	-	13,600	12,000	
6/29/05	1.15	9,800	-	9,800		
6/30/05	4	19,200	900	20,100		
TOTALS	12.37	408,800	2,800	411,600	450,000	



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

2005 APR -8 A 7:42

NORTHEAST DISTRICT
JACKSONVILLE, FL

13493

TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

April 6, 2005

Ms. Mary Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

**Re: Waste Quantities Report - 1st Quarter 2005
Trail Ridge Landfill, Inc., ID # 16/00033628
FDEP Permit #0013493-010-SC**

Dear Ms. Nogas:

The monthly summaries of waste quantities for Trail Ridge Landfill, Inc. for January, February and March 2005 are attached. The reports are submitted in compliance with FDEP Permit 0013493-010-SC.

Please feel free to contact me directly should you have any questions.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Brian Dolihite, w/o enclosures
Chet McGhee, DEP, w/enclosures

GMS42

11/09/87

FACILITY

SOLID WASTE QUANTITY TRACKING

TRAIL RIDGE LANDFILL I.D. # 1600033628

5110 US Hwy 301 South

Baldwin, FL 32234-3608

Ph: 904/289-9100

REPORTING MONTH: JANUARY 2005

COMMENTS/ADDITIONAL INFORMATION

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	26,556.08	TONS	
115	86.01	TONS	
130	53,547.87	TONS	
200	983.19	TONS	
220	62.92	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	81,236.07		

WASTE CODES:

SOLIDS, NON-HAZARDOUS		SLUDGES	WASTE UNIT:	CFT - CUBIC FOOT
100 - UNCLASS, SOLID, NON-HAZARDOUS		200 - UNCLASSIFIED SLUDGES		CMT - CUBIC METER
105 - AGRICULTURAL		205 - WATER TREATMENT/LIME SOFTEN		CYD - CUBIC YARD
110 - RESIDENTIAL		210 - SEPTIC TANK		GAL - GALLON
115 - COMMERCIAL		215 - AIR SCRUBBER		KGM - KILOGRAM
120 - HOSPITAL/CLINICAL		220 - INDUSTRIAL/COMMERCIAL		LBS - POUNDS
125 - MINING		225 - DOMESTIC WASTEWATER TREATMENT		LTR - LITER
130 - INDUSTRIAL		230 - INCINERATOR RESIDUE		TON - TON
135 - YARD TRASH/TRASH		235 - ION RESIDUE		MGL - MILLION GALLONS
		295 - HAZARDOUS SLUDGE		
WASTEWATER				
300 - UNCLASSIFIED WASTEWATER		HAZARDOUS WASTE		
305 - DOMESTIC WASTEWATER		900 - UNCLASSIFIED HAZARDOUS WASTE		
310 - INDUSTRIAL WASTEWATER		905 - CAUSTIC AND ACID		
315 - REJECT WATER		910 - EXPLOSIVES		
320 - COOLING WATER		915 - HEAVY METAL SOLUTIONS		
		920 - INORGANIC CHEMICALS		
		925 - ORGANIC CHEMICALS		
		930 - ORGANIC SOLVENTS AND OILS		
		935 - PAINT AND INK WASTE		
		940 - PESTICIDES/FUNGICIDES		
		945 - PATHOLOGICAL/INFECTIOUS		
		950 - LOW-LEVEL RADIOACTIVE		
		955 - MINING		
UNKNOWN TYPE OF WASTE				
800 - UNKNOWN TYPE OF WASTE				
OTHER				
999 - OTHER - USE COMMENTS				

GMS42

11/09/87

FACILITY:

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hwy 301 South
Baldwin, FL 32234-3608
Ph: 904/289-9100

REPORTING MONTH: FEBRUARY 2005

COMMENTS/ADDITIONAL INFORMATION			
WASTE CODE	WASTE AMOUNT	WASTE UNIT	
110	23,240.05	TONS	
115	62.78	TONS	
130	51,506.54	TONS	
200	1,918.93	TONS	
220	81.23	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	76,809.54		

WASTE CODES:

SOLIDS, NON-HAZARDOUS		SLUDGES	WASTE UNIT:	CFT - CUBIC FOOT
100 - UNCLASS, SOLID, NON-HAZARDOUS		200 - UNCLASSIFIED SLUDGES		CMT - CUBIC METER
105 - AGRICULTURAL		205 - WATER TREATMENT/LIME SOFTEN		CYD - CUBIC YARD
110 - RESIDENTIAL		210 - SEPTIC TANK		GAL - GALLON
115 - COMMERCIAL		215 - AIR SCRUBBER		KGM - KILOGRAM
120 - HOSPITAL/CLINICAL		220 - INDUSTRIAL/COMMERCIAL		LBS - POUNDS
125 - MINING		225 - DOMESTIC WASTEWATER TREATMENT		LTR - LITER
130 - INDUSTRIAL		230 - INCINERATOR RESIDUE		TON - TON
135 - YARD TRASH/TRASH		235 - ION RESIDUE		MGL - MILLION GALLONS
		295 - HAZARDOUS SLUDGE		
WASTEWATER				
300 - UNCLASSIFIED WASTEWATER		HAZARDOUS WASTE		
305 - DOMESTIC WASTEWATER		900 - UNCLASSIFIED HAZARDOUS WASTE		
310 - INDUSTRIAL WASTEWATER		905 - CAUSTIC AND ACID		
315 - REJECT WATER		910 - EXPLOSIVES		
320 - COOLING WATER		915 - HEAVY METAL SOLUTIONS		
		920 - INORGANIC CHEMICALS		
		925 - ORGANIC CHEMICALS		
		930 - ORGANIC SOLVENTS AND OILS		
		935 - PAINT AND INK WASTE		
		940 - PESTICIDES/FUNGICIDES		
		945 - PATHOLOGICAL/INFECTIOUS		
		950 - LOW-LEVEL RADIOACTIVE		
		955 - MINING		
UNKNOWN TYPE OF WASTE				
800 - UNKNOWN TYPE OF WASTE				
OTHER				
999 - OTHER - USE COMMENTS				

WASTE CODE	WASTE AMOUNT	WASTE UNIT	COMMENTS/ADDITIONAL INFORMATION
110	29,025.85	TONS	
115	63.05	TONS	
130	59,726.09	TONS	
200	2,336.86	TONS	
220	31.59	TONS	
230	0.00	TONS	
		TONS	
		TONS	
TOTAL	91,183.45		

WASTE CODES:		WASTE UNIT:	CFT - CUBIC FOOT
SOLIDS, NON-HAZARDOUS		SLUDGES	CMT - CUBIC METER
100 - UNCLASS. SOLID, NON-HAZARDOUS	200 - UNCLASSIFIED SLUDGES		CYD - CUBIC YARD
105 - AGRICULTURAL	205 - WATER TREATMENT/LIME SOFTEN		GAL - GALLON
110 - RESIDENTIAL	210 - SEPTIC TANK		KGM - KILOGRAM
115 - COMMERCIAL	215 - AIR SCRUBBER		LBS - POUNDS
120 - HOSPITAL/CLINICAL	220 - INDUSTRIAL/COMMERCIAL		LTR - LITER
125 - MINING	225 - DOMESTIC WASTEWATER TREATMENT		TON - TON
130 - INDUSTRIAL	230 - INCINERATOR RESIDUE		MGL - MILLION GALLONS
135 - YARD TRASH/TRASH	235 - ION RESIDUE		
	295 - HAZARDOUS SLUDGE		
WASTEWATER		HAZARDOUS WASTE	
300 - UNCLASSIFIED WASTEWATER	900 - UNCLASSIFIED HAZARDOUS WASTE		
305 - DOMESTIC WASTEWATER	905 - CAUSTIC AND ACID		
310 - INDUSTRIAL WASTEWATER	910 - EXPLOSIVES		
315 - REJECT WATER	915 - HEAVY METAL SOLUTIONS		
320 - COOLING WATER	920 - INORGANIC CHEMICALS		
	925 - ORGANIC CHEMICALS		
UNKNOWN TYPE OF WASTE		930 - ORGANIC SOLVENTS AND OILS	
800 - UNKNOWN TYPE OF WASTE	935 - PAINT AND INK WASTE		
	940 - PESTICIDES/FUNGICIDES		
OTHER		945 - PATHOLOGICAL/INFECTIOUS	
999 - OTHER - USE COMMENTS	950 - LOW-LEVEL RADIOACTIVE		
	955 - MINING		



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

2005 APR -8 A 7:42

NORTHEAST DISTRICT
JACKSONVILLE, FL

185294

TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

April 6, 2005

Ms. Mary Nogas, P.E.
Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Permit No. 0013493-010-SC
Waste Tire Processing Facility Quarterly Report
First Quarter 2005**

Dear Ms. Nogas:

In accordance with specific condition 27e of the above referenced permit, please find enclosed, the Waste Tire Processing Facility Quarterly Report for Trail Ridge Landfill for the first calendar quarter of 2005.

Also enclosed is the Annual Fire Inspection Safety Inspection for 2005, per Specific Condition 27d.

Should you have any questions concerning the report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Enclosures

cc: Brian Dolihite, w/o encl.



Department of Environmental Protection

DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title <u>Quarterly Report</u>
Effective Date <u>3/22/00</u>
DEP Application No. _____ (Filled in by DEP)

Waste Tire Processing Facility Quarterly Report

Pursuant to Rule 62-711.530, Florida Administrative Code, the owner or operator of a waste tire processing facility shall submit the following information to the Department quarterly.

Quarter covered by this report 1ST QTR 2005 (First quarter begins on January 1 of any given year)

- Facility name: TRAIL RIDGE LANDFILL
- Facility mailing address: 5110 U.S. HIGHWAY 301 SOUTH
City: BALDWIN County: DUVAL Zip: 32234-3608
- Facility permit number: 0013493-010-SC
- Facility telephone number (904) 289-9100
- Authorized person preparing report: GREG MATHES
- Affiliation with facility: DIRECTOR OF LANDFILL OPERATIONS
- Telephone number (if different from above): ()
- Activity: Report in tons

	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	0	308			261		47
Other whole Tires							
Processed tires							
Processing Waste							
Other							
Total	0	308			261		47

- Explain all inventory adjustments. _____
- List any period in which one or more category of inventory exceeded the permitted maximum for that category. How was that condition relieved? _____

For any excess inventory at the end of the quarter, state how and when this condition will be relieved. Attach Additional sheets, if necessary.

9. Certification:

To the best of my knowledge and belief, I certify the information provided in this report is true, accurate, and complete.

GREG MATHES

Print Name of Authorized Agent

Gy Mathes

Signature of Authorized Agent

APRIL 6, 2005

Date

Mail complete form to
the appropriate district office

Northwest District
160 Governmental Center
Pensacola, FL 32501-5794
850-595-8360

Northeast District
7825 Baymeadows Way, Ste. 200 B
Jacksonville, FL 32256-7590
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-894-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33619
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33902-2549
941-332-6975

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6600



City of Jacksonville
Fire and Rescue Department – Fire Prevention Division
515 N. Julia St., Suite 213
Jacksonville, FL 32202
Phone 630-0445 • FAX 630-4203



FIRE SAFETY INSPECTION

Fpd#: 11080

Date: 3/7/2005

New Property: ☐

Existing Property: ☒

Business Name: TRAIL RIDGE LANDFILL, INC.

Owner / Manager: LINDA HAIR, OFFICE MANAGER

Address: 5110 US HIGHWAY 301 SOUTH

City: BALDWIN

State: FL

Phone #: (904) 289-9100

Occupancy Use: Industrial

YOUR ATTENTION IS CALLED TO THE FOLLOWING VIOLATIONS:

Discrepancy / Location / Code:

NFPA 72 7-3.2* Testing. [Not maintaining annual testing on fire alarm panels in main office and service building.]

Comments / Instructions:

The above violation needs to be corrected immediately.

FAILURE TO CORRECT THESE VIOLATIONS MAY RESULT IN CIVIL AND / OR CRIMINAL PENALTIES AS REQUIRED BY LAW.

This occupancy meets minimum fire safety requirements at this time. Yes

I acknowledge receipt of this form:

Linda Hair, Office Manager

Representative Name (Please Print)

Linda Hair

(Signature)

3/7/05

Date

I certify on this date, I made an inspection of the above premises.

Insp. John W. Scott III

Inspector's Name

[Signature]

(Signature)

11080

7 Mar 05

Date

13493



TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

RECEIVED

MAY 16 2005

STATE OF FLORIDA

DEPARTMENT OF ENV. PROTECTION

NORTHEAST DISTRICT - JACKSONVILLE

May 13, 2005

Ms. Mary C. Nogas, P.E.

Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256-7598

Re: Trail Ridge Landfill

Methane Monitoring Results/Second Quarter 2005

FDEP Permit #0013493-010-SC

I.D. #: NED/16/00033628

Dear Ms. Nogas:

In accordance with Specific Condition #35 of the referenced permit, enclosed please find the second quarter 2005 methane gas monitoring data for Trail Ridge Landfill. As indicated on the report, there was no detection of methane gas at the site.

If you have any questions, or comments concerning this report, please call me at 289-9100.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Attachments

cc: Chris Pearson w/attachments
Brian Dolihite

GAS MONITORING REPORT

FACILITY NAME:: TRAIL RIDGE LANDFILL

ANALYST: DAN ARMOUR	DATE:..... 5/11/05
GAS INSTRUMENT TYPE:..... MSA GAS SCOPE	SERIAL NO:..... 3122
DATE LAST CALIBRATED:..... 5/11/05	METHOD:..... Aspirator Bulb 2.5 & 50%
PRESSURE INSTRUMENT TYPE:..... N/A	SERIAL NO:.....---
WATER LEVEL INSTRUMENT TYPE:..... SLOPE INDICATOR	SERIAL NO:..... 021
WEATHER CONDITIONS:..... PARTLY CLOUDY SKY, WINDS LIGHT & VARIABLE 80°F	
BAROMETRIC PRESSURE:..... NR	

MONITOR POINT	TIME	PRESSURE	PERCENT METHANE	WATER LEVEL	COMMENTS
GP-10	1252	N/A	0	DRY	
GP-9	1255	N/A	0	DRY	
GP-8	1259	N/A	0	DRY	
GP-7	1306	N/A	0	DRY	
GP-6	1310	N/A	0	DRY	
GM-1	1315	N/A	0	N/A	*
GM-2	1325	N/A	0	N/A	*
GM-3	1334	N/A	0	N/A	*
GM-4	1345	N/A	0	N/A	*
GM-5	1354	N/A	0	N/A	*

NOTE: ALL READINGS ARE 0-100% METHANE BY VOLUME OF AIR
ALL PRESSURE READINGS ARE EXPRESSED AS INCHES OF H₂O

COMMENTS: *CHECKED VENTS, CRACKS, CONDUIT AND CONFINED SPACES INSIDE AND OUTSIDE OF BUILDING



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

2005 APR -8 A 7:42

NORTHEAST DISTRICT
JACKSONVILLE, FL

13473

April 6, 2005

TRAIL RIDGE LANDFILL, INC.

5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256

**Re: Trail Ridge Landfill
Quarterly Leachate Generation Report
First Quarter 2005
FDEP Permit #0013493-010-SC
I.D. Number: NED/16/00033628**

Dear Ms. Nogas:

In accordance with Specific Condition 38 e. of the referenced permit, enclosed please find the First Quarter 2005 Leachate Generation Report for Trail Ridge Landfill.

The leachate generation reports include daily precipitation amounts, the quantities of leachate collected from the LCRS and LDS, the amount of leachate transported to the water treatment facility.

Sincerely,

Greg Mathes
Director of Landfill Operations

GM:lh
Encl.

cc: Chris Pearson w/encl.
Brian Dolihite, w/o encl.

**Trail Ridge Landfill
Leachate/Rainfall: First Quarter 2005**

Month	Rainfall	Primary	Secondary	Total		
				Produced	Transported	Recirculated
January	0.61	512,300	1,300	513,600	516,000	-
February	3.02	408,900	1,300	410,200	432,000	-
March	4.42	434,900	1,800	436,700	492,000	-
QTR. TOTAL	8.05	1,356,100	4,400	1,360,500	1,440,000	

Trail Ridge Landfill

Leachate/Rainfall JANUARY 2005

if over 4492 let AL know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
1/1/05				-		
1/2/05				-		
1/3/05	0	36,800	800	37,600	36,000	
1/4/05	0	7,800	-	7,800		
1/5/05	0	17,400	-	17,400	18,000	
1/6/05	0	15,100	-	15,100		
1/7/05	0	21,600	-	21,600	18,000	
1/8/05				-		
1/9/05				-		
1/10/05	0	41,800	-	41,800	18,000	
1/11/05	0	13,500	-	13,500	24,000	
1/12/05	0	13,700	-	13,700	18,000	
1/13/05	0	15,000	-	15,000	18,000	
1/14/05	0	11,700	-	11,700	18,000	
1/15/05				-		
1/16/05				-		
1/17/05	0	38,100	-	38,100	6,000	
1/18/05	0	16,300	-	16,300		
1/19/05	0	6,800	-	6,800	36,000	
1/20/05	0	50,900	-	50,900	36,000	
1/21/05	0	54,200	-	54,200	36,000	
1/22/05				-	54,000	
1/23/05				-		
1/24/05	0.01	22,800	300	23,100	30,000	
1/25/05	0	18,100	-	18,100	60,000	
1/26/05	0	18,300	200	18,500	12,000	
1/27/05	0	18,100	-	18,100	18,000	
1/28/05	0	8,400	-	8,400	18,000	
1/29/05				-		
1/30/05				-		
1/31/05	0.6	65,900	-	65,900	42,000	
TOTALS	0.61	512,300	1,300	513,600	516,000	

Trail Ridge Landfill

Leachate/Rainfall FEBRUARY 2005

if over 4492 let AL know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
2/1/05	0	11,200	-	11,200	30,000	
2/2/05	0.01	12,200	-	12,200	24,000	
2/3/05	0.2	14,500	-	14,500	36,000	
2/4/05	0.1	10,500	-	10,500	12,000	
2/5/05						
2/6/05						
2/7/05	0	34,700	-	34,700		
2/8/05	0	13,500	-	13,500		
2/9/05	0	13,800	-	13,800	30,000	
2/10/05	0.1	18,000	-	18,000	24,000	
2/11/05	0	11,400	-	11,400	18,000	
2/12/05						
2/13/05						
1/0/00	0	58,600	-	58,600	18,000	
2/15/05	0.01	18,300	500	18,800	6,000	
2/16/05	0	14,300	-	14,300	42,000	
2/17/05	0	20,100	-	20,100	30,000	
2/18/05	0	12,900	-	12,900	30,000	
2/19/05						
2/20/05						
2/21/05	0	47,000	-	47,000	24,000	
2/22/05	0	17,600	-	17,600	12,000	
2/23/05	0	10,700	-	10,700	12,000	
2/24/05	0.2	14,500	-	14,500	24,000	
2/25/05	0	-	-	-	36,000	
2/26/05						
2/27/05	0.5					
2/28/05	1.9	55,100	800	55,900	12,000	
				-		
				-		
				-		
TOTALS	3.02	408,900	1,300	410,200	420,000	

Trail Ridge Landfill

Leachate/Rainfall MARCH 2005

if over 4492 let Mark know

Rainfall: First Quarter 2005		Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
Date	Rainfall Inches					
3/1/05	0	14,700	-	14,700	24,000	
3/2/05	0	11,600	-	11,600	30,000	
3/3/05	0	10,300	-	10,300	6,000	
3/4/05	0.09	12,700	-	12,700	24,000	
3/5/05						
3/6/05						
3/7/05	0	42,400	700	43,100	24,000	
3/8/05	0.4	17,900	-	17,900	24,000	
3/9/05	0	9,000	-	9,000	24,000	
3/10/05	0	11,500	-	11,500	18,000	
3/11/05	0	12,200	-	12,200		
3/12/05						
3/13/05						
3/14/05	0.01	41,200	300	41,500	12,000	
3/15/05	0.01	14,200	-	14,200	36,000	
3/16/05	0.3	16,300	-	16,300	24,000	
3/17/05	1.05	16,500		16,500	30,000	
3/18/05	0.13	15,600	-	15,600		
3/19/05						
3/20/05						
3/21/05	0.05	44,800	-	44,800	12,000	
3/22/05	0.07	15,100	-	15,100	30,000	
3/23/05	0.41	13,400	-	13,400	54,000	
3/24/05	0	15,100	-	15,100		
3/25/05	1.85	-	-	-	30,000	
3/26/05						
3/27/05						
3/28/05	0.05	60,500	400	60,900	24,000	
3/29/05	0	19,900	400	20,300	48,000	
3/30/05	0	8,100	-	8,100		
3/31/05	0	11,900	-	11,900	18,000	
TOTALS	4.42	434,900	1,800	436,700	492,000	