

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

Trail Ridge Landfill (Site Life Calculations) Re:

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.

Greg Mathes

Director of Landfill Operations

GM:lh

Enclosures

cc: Al Burson

Brian Dolihite

RECEIVED

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:

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

Remaining Site Life:

Remaining Site Life = Remaining Airspace x Average Waste Density

Annual Tonnage

= 9.819.090 CY x 0.75 tons/CY = 7.86 years936,412 tons per year

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

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:

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

Remaining Site Life:

Remaining Site Life = Remaining Airspace x Average Waste Density

Annual Tonnage

= 9.819.090 CY x 0.75 tons/CY = 7.86 years936,412 tons per year

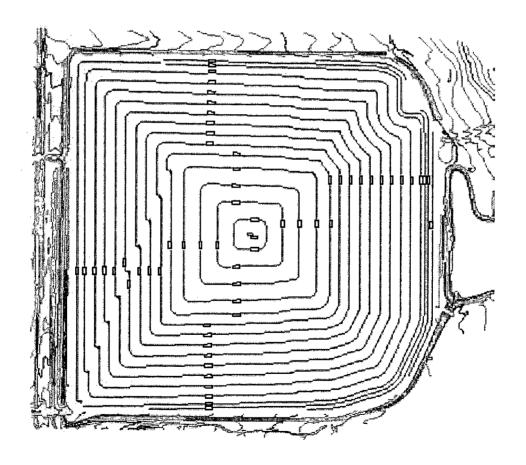
Note: Site Life Calculations are based on annual tonnage receipts and cumulative density measured to date; Future changes in the actual waste receipts and average waste density will affect Remaining Site Life.

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



WASTE MANAGEMENT

TRAIL RIDGE LANDFILL



2007 Airspace Report

RECEIVED

JUN 2 9 2007

NORTHEAST DISTRICT

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

.]	Α	В	C	D	Е	F	G	Н	I	J	K	L	M
1	Trail Ric	dge La	ndfill				-	-		<u></u>	Busine	ss Unit	2487
		•						ran]			LF Secti	ion No	00
2								<i>173°</i>			LF Secti	1011 14U.	00
3							MADIE MANAGE						
	Site Data	<u> </u>	Terroren	St. 200 canings		50.000000000000000000000000000000000000	var.		ss Unit N			2487	
-	Site Name Section Na	me.	Trail Ridge	Landfill			<u>2</u>	Operating CADD Fil	j Unit No. e Name:	FL11A07	Section No.		
7	Street Addr		5110 U.S.	Hwy 301				Date prep	pared:	21-May-0	7		
	City State (2-let	tor anda)	Baldwin FL	7:-	32234			Previous	flyover date:	8-Feb-06		<u> </u>	
	Group	rei code)	Southern	Zip) 32234			Aerial Co		Aero-Metr			
_	Annual Precipi	tation, in.	53					Design P	lans:	England; Thims &	Miller a		
12					T = .		7					4: 04	
13	Prepar			tle	Phon			Landf	ill Classi	fication	Ope	rating St	atus
	Brian Dolih Terri Garcia		MA Engine	n. 2007/2017 Sep 201/2016/11	850-301-282 713-328-733		<u> </u>		MSW			Active	
16						•		MSW		X	Active		X
17 18							3	C&D	ods sodri a l		Inactive Exit Closure	in Drogress	
18								Special/Ir Hazardou			PC under		
20		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		and the state of the		er en rener za governostrosopie.				The second second			
21 22	Landfill	Areas	(acres)				yover Date Feb-07		over Date		over Date pr-05	2004 Flyc	
23			Area contro		'M		75.0		75.0		pr-us '5.0		0
24	Permitt	ed waste	footprint	***************************************		1979094 W11091 W1	54.0	1	54:0	15	4.0	Section Capping Section 2	0
25 26		ion waste vaste foot	footprint (s	um of all p	hases)	-	0.0 54.0		0.0 54.0	Responsibility of the second second).0 i4.0	0. 0.	- CENTAGE MARKET NO THE
$\frac{20}{27}$	Area w	ith waste	in place				54.0	A strategic and the state of the	54.0	2 10 10 3 10 10 10 10 10 10 10 10 10 10 10 10 10	4.0	0.	- 2 District 24 P. 24 - 4 - 4 - 4
28	Remair	ning area	without was	te in place)		0.0	of section as a reference & co.	0.0	You will be a series of the series	1.0	0.	North Annual Control of the Control of the Control
29 30		ned area	l juactà ala	ation with	out final cove		54.0 10.8	Carbonal State of Market Control	54.0 4.0	A REACHSTREACH MAGNETICAL VIOLAN	4.0 4.0	0. 0.	CONTRACTOR SOURCE
31		apped are		audit with	out in al cove	hallen Sidden and accidence	10.6 26.5		4.0 3.5	and the second of the second of	3.5	0.	THE PARTY OF THE PROPERTY OF THE
32													
33	Permitt	ed Des	sign Car	acities	(bcv)					1			
34	Permitt	ed design	capacity (v	vaste & da	ily cover)	23,9	927,440	23,9	27,440	23,92	27,440	()
35	Adjustr	nents (pei	rmitted desi	gn modific	ations)		0		0		0	(2017 July 10 10 10 10 10 10 10 10 10 10 10 10 10
36	Potentia	ai Overbu	ilds (see co	mments or	n page 2)		0	<u>[]</u>	0		0	L)
37	<u> </u>	• • •			• • • •							Τ	
38 39					ity (bcy)		40.000	40.7	40 00E	44.01	2000	1956 Mar 20 Mar 5 Zu 1	1
40		ing permi		e (waste i	& daily cover)	9,0	19,090 0	10,7	18,295 0	11,6	0	(A176 00 - 200 01
41	Total n	emaining	airspace (aily cover)		19,090	10,7	18,295	11,6	53,360	C)8 / 1 / 1
42 43	Remai	ning Airs	pace Utilization	ation Fact	or		0.87		.85 IO 551	the state of the s	.85 5.356	0.0	00
44		ing perm		<u> </u>		8,5	42,608 0	9,1	10,551 0	Carvarate Same Cara	5,356 0	(CONTRACTOR TO THE COLUMN TO
45			onnage (at c	urrent flyo	ver date)	8,5	42,608	9,11	0,551	7, ES 780 B. STOYBESYCKESON FO	5,356	MARKAGE STANKEN SEVEL)
46	·												
	Remain	ing Co	onstruct	ed Cap	acity				_			•	
47	Above (Curren	t Lined	Areas	(bcy)								
48					aste & d.c.)		08,100		18,115		53,360)
49	Remai	ning cons	structed to	nnage	.	8,5	33,047	9,11	10,398	9,90	5,356	<u> </u>	
50	0.21 0.		. /b \		· · · · · · · · · · · · · · · · · · ·	7						T	
51 52	Soil Su			from our	ovotion.	Coupeyer to 8 or 600	C 0 2022 / 201 2022	2 4/20 258207 - 10-00	0.00		OSS SARRONAN	1964. 35. mah	1.3., 982389000°33
53			rial available e from off-si				0		0	and the second of the second	0 0))
54	Materia	ıl available	e from stock			THE STATE OF BOUNDAY	0,990		180	32	950	·)
55 56		ioil Availa	able cover mater	ial		1 1 2 2 2 1 1 A 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0,990		1 80 6.490	4 - January 18 v. 1, 19 - 1, 19 - 1	950 3490	1, % % May 14 1 Million 12 1 1) `
50 57		ning final d ning liner i		idi		8	56,490 0	1 65	0,490 0	20 20 20 20 20 20 20 20 20 20 20 20 20 2	0 0	(and a land of the comment
58	Materia	l required	for backfill	ng at exca	vation	998538	0		0 🕆		0 🔻	0)
			neter berm	-		100	0		0 :0%		0)%	00	Carlotte La versenza
59 60	Daily C	ONIOR D/ 4-	ana uunubba-	حاد		29.0992364929	15%	4 CT (1000) 44 MARKED A		4 4400 Aug 1, 344 C. 344 Av. 1.			

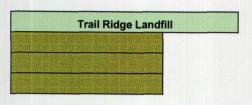
1

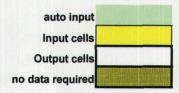
2007 SITE DATA AND REPORT SUMMARY

	A	В	С	D	Е	F	G	Н	ı	J	K	L	М	N
1			sumption		L		2007 Fly		2006 Fly		The second secon	over Date	2004 Fly	
2	-	and the second		The second secon			16-Fe		8-Fe		4-Ap		28-Mar-04	
4			period (tons umed (cy) (w		coverl		956,936 861,845 1,024,285 1,019,105			AND DESCRIPTION OF THE PERSON	999,299 1,153,155		0	
5			ed (cy) (wast				899.		935		1,04		0	
6	Final co	ver consun	nption (cy)				THE REPORT OF THE PARTY OF THE							
7			ice at previou				180,		180			,265	0	O DESCRIPTION OF THE PERSON
8			own between				180.	265	180	Control of the last of the las		,265	0	
10			sumption (cy)	llyover			100,	,205	100,	203	100	,203		A SHAREST HOLES
11	Liner	in place at	previous flyov			THE PARTY	621,	,150	621,	150	621	,150	C)
12			etween flyove				001	The state of the s	001	A CONTRACTOR OF THE PARTY OF TH		150	0	The second second second
13	Liner	in place at	current flyove	r			621,	,150	621,	150	621	,150	C	,
14														
15	A.U.F.	(opera	tional)											
16			factor (T/CY)				0.9		0.8	STATE OF THE PARTY		87	n/	
17	Airspac	e utilization	Tactor (LDS/C	· T)			1,8	868	1,6	91	1,/	33	n/	а
18														
19	A.U.F.													
20 21			factor (T/CY)				1.0		0.9			96	n/	
_	Allspac	o utilization	Tactor (LDS/C	,,,,			2,1	120	1,8	43	1,8	18	n/	a
22	A =	· · · · · · · · · · · · · · · · · · ·	41-	-1-0										
23	A.U.F.	(predic	ction mo	odel)										
24 25			e utilization fa e utilization fa)		1.0	00	1,9			86 '20	0.0	
26	rteman	ing anspac	o dilization re	COT (EDS/OT	,		1,3	793	1,0	20	1,7	20		
100	T		014-116						T 11 F	Violena I				
27			Site Lif						I rall F	Ridge La	andrill			
28	(Т	ons provid	led by WM P	MT)										
20		FLYOVER DATE	ACTUAL TONNAGE DURING PERIOD	IPROJECTIONS	Date of Survey	Operational Consumed Volume	Effective Consumed Volume	Total In-Place Volume	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)
29	JAN		PERIOD	ONLY)	1/21/2000	(cu.yd.)	(cu.yd.)	(cu.yd.)		4 452 700	0.70		0.65	0.85
	FEB	2/8/06	54,254		3/15/2002	847,337 2,757,648	847,337 2,757,648	1,768,525 4,526,173	606,272 1,771,910	1,153,788 2,925,698	0.72	0.72	0.65	0.85
	MAR	•	87,783		4/3/2003	1,248,460	1,248,460	5,774,633		3,825,457	0.72	0.72	0.66	0.85
	APR	•	80,984	•	3/28/2004	1,105,647	1,105,647	6,880,280		4,740,596	0.83	0.83	0.69	0.85
34 35	JUNE	•	94,741 96,778	-	4/4/2005 2/8/2006	1,153,155 1,019,105	1,041,875 935,065	7,922,155 8,857,220		5,739,895 6,601,740	0.87 0.85	0.96 0.92	0.72 0.75	0.85
36	JULY		73,758		2/16/2007	1,024,285	899,205	9,756,425		7,558,676	0.93	1.06	0.77	0.87
37	AUG	-	76,398											
38	SEPT		69,962 71,494	-	1.20				Histori	cal AUF				
40	NOV		68,756											
41			69,898		1.10				IF (TI)					
42		0/46/6=	75,808	•				perational AU cumulative AU					•	
43	FEB MAR	2/16/07	36,321	-	1.00			innual Effectiv		nok)				
	APR				yard			e or one AUF	F Goal (Rate Pa					
46	MAY		-		0							4		
	JUNE	•		•	0.90 tous/cubi						/_0		_	
	JULY	-			ton 0.80							-		
	SEPT	-			0.80									
51	ОСТ	-				0	_		1	0				
	NOV	•			0.70									
_	TOTAL TO	NS:	956,936											
	- OTAL TO		300,330		0.60 Ja	n-99 Jan	-00 Jan-	01 Jan-0	02 Jan-03	Jan-04	Jan-05	Jan-06	Jan-07	Jan-08
55					Ja	Ju	Jan-	Jan-0	Jan-00	Juli-04	5411-00	Can-00	33.1-01	22,1 00
55 56		onte								Taranta (
56	Comm	CIILO		THE RESERVE AND ADDRESS OF THE PERSON.					17.51	111111111				
5657			s: 4 ft.	THE PLAN										
55 56 57 58 59	Final cov Liner thic	er thicknes kness: 2.5	ft.; 6" CLAY,											
56 57 58 59 60	Final cov Liner thic Airspace	er thicknes kness: 2.5				ncorrectly, be	ut the volum	ne was corre	ect.					
56 57 58 59 60 61	Final cov Liner thic Airspace	er thicknes kness: 2.5	ft.; 6" CLAY,			ncorrectly, be	ut the volum	ne was corre	ect.					
56 57 58 59 60 61 62 63	Final cov Liner thic Airspace	er thicknes kness: 2.5	ft.; 6" CLAY,			ncorrectly, be	ut the volum	ne was corre	ect.					
56 57 58 59 60 61	Final cov Liner thic Airspace	er thicknes kness: 2.5	ft.; 6" CLAY,			ncorrectly, b	ut the volum	ne was corre	ect.					

AUF Prediction Model

Landfill Name
District No.
Engineer
Date Completed





INPUT

Landfill Information Input

Average annual precipitation, in.
Leachate recirculation? No = 1, Yes = 2

Waste Stream Composition, %

MSW

C&D

Sludge

Contaminated Soil / foundry sand

Other waste

Cover soil ratio, %

from site engineer

from rate workbook or climate map

See
Instruction
Sheet for Rate
Workbook
Locations for
Input
Information

Remaining Airspace Input

Remaining Airspace, bank cubic yards
Remaining Area with capacity (partial & no fill), acres
Typical time to fill from base grade to final grade, years

9,808,100	Trom air report
143.2	from air report
5	from rate workbook or site engineer

Existing Landfill AUF Input

AUF from initial compaction (tons/bcy)

0.86	3 year average of operational A	UF

OUTPUT

AUF after Primary Settlement, tons/bcy

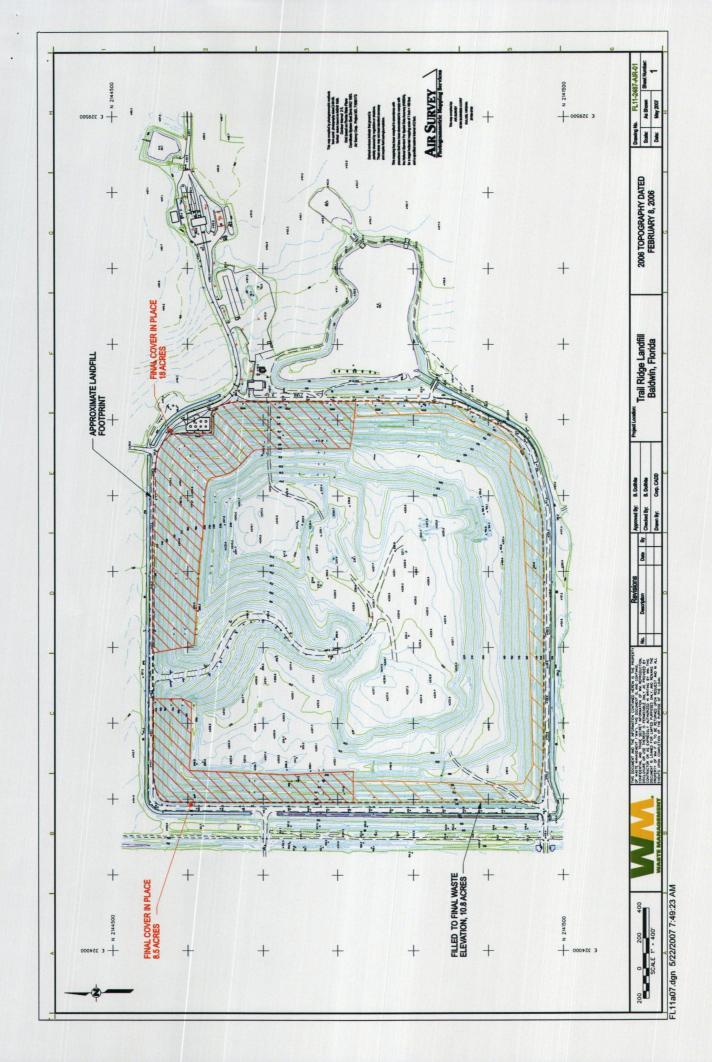
0.93

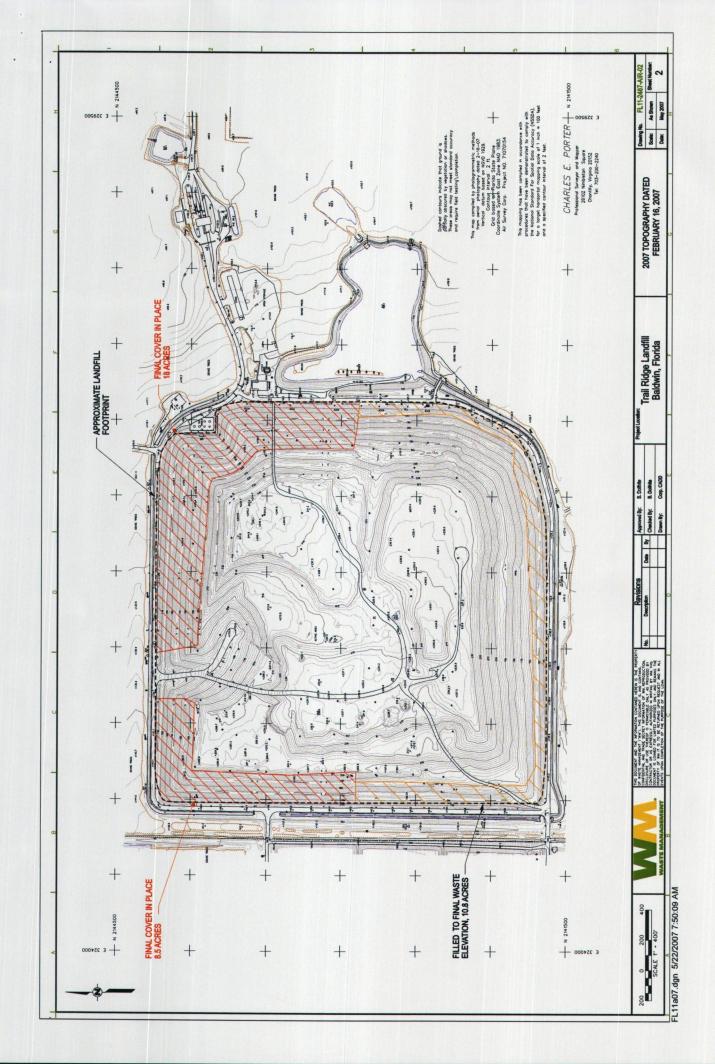
Secondary Settlement AUF Increase, %

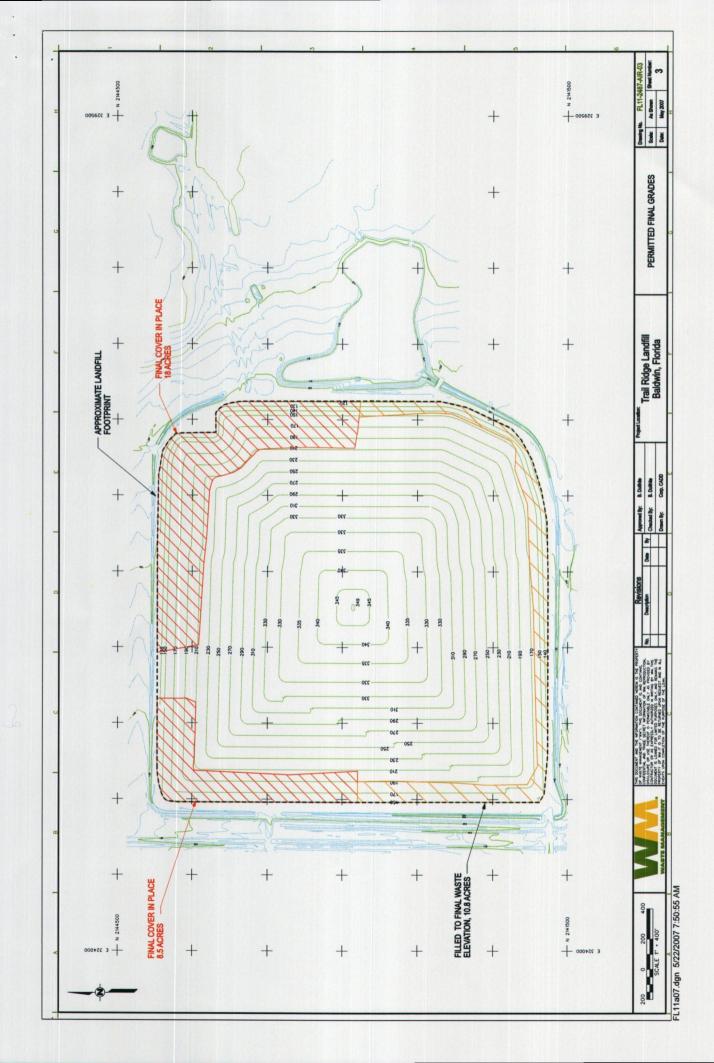
7.5

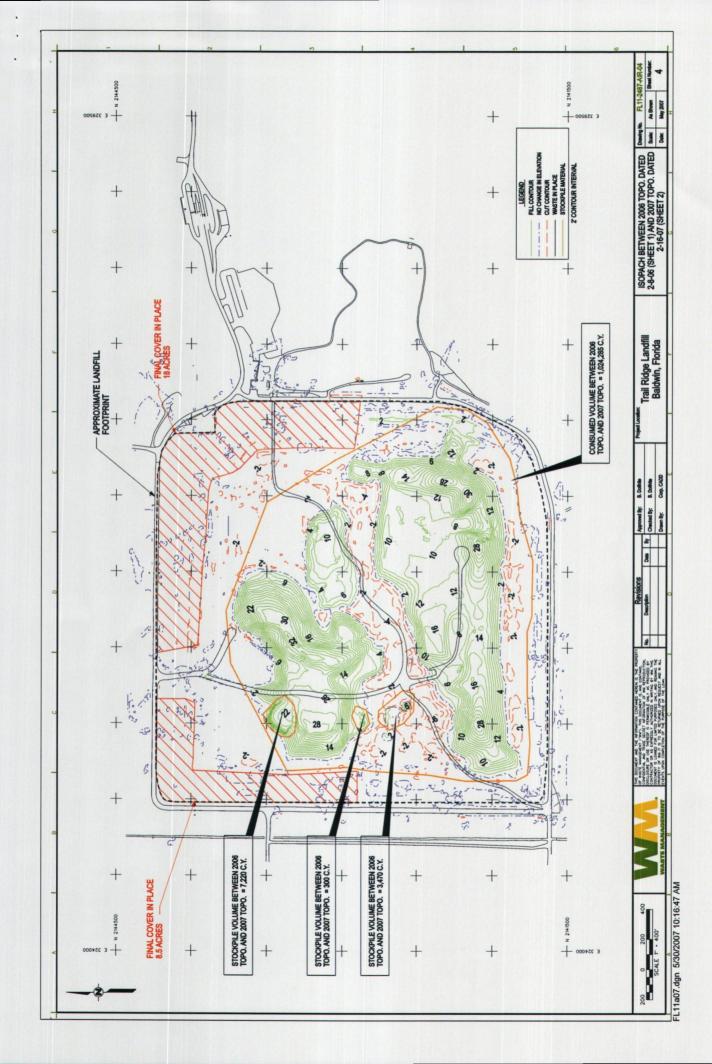
Predicted Remaining AUF

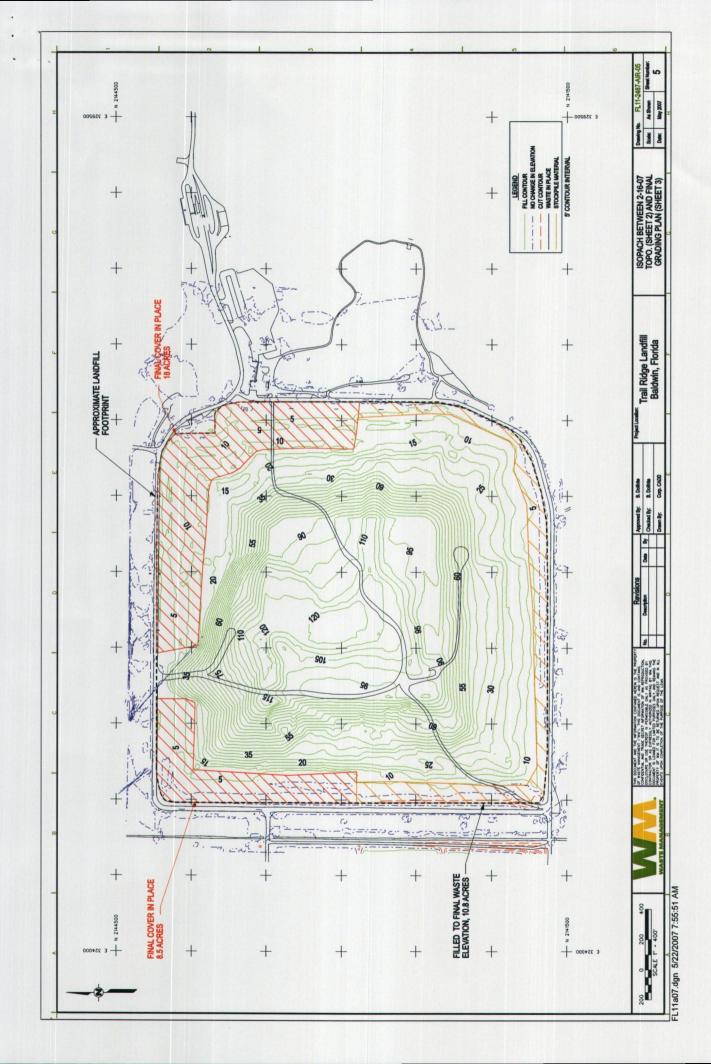
1.00















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

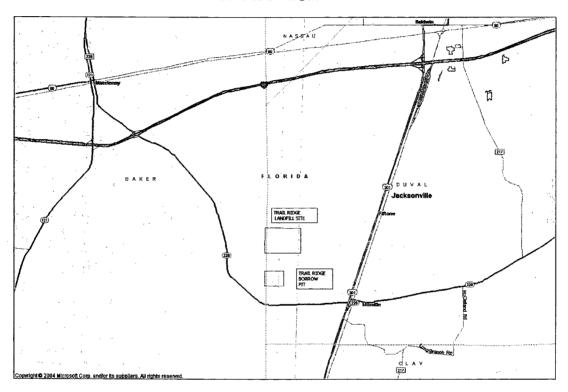
MAY 8 - 2007

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 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 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

ed: III WIND LA

Seal:

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*

Lens type:

Wild Universal Aviogon /4-S

Nominal focal length: 153 mm

2253559734

5346 Camera serial no.:

Lens serial no.: Maximum aperture:

13391 1/4

Test aperture:

£/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° P 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.

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	- <u>.</u> 1	0	2
Decentering (um)	0	0	0	1	1	1

	Symmetric radial distortion parameters		dis		ecentering tion parameters	Calibrated principal point		
K ₀ K ₁ K ₂ K ₃ K ₄	北 湖 景 凉	0.4229 x 10 ⁻⁴ -0.4285 x 10 ⁻⁸ 0.5848 x 10 ⁻¹³ 0.0000 0.0000	P ₁ P ₂ P ₃ P ₄	本业	0.2149 x 10 ⁻⁷ 0.6904 x 10 ⁻⁷ 0.0000 0.0000	y _p	0.002 mm 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 (\$MAC) adjustment. The x and y-coordinate measurements utilized in the adjustment of the above parameters have a standard deviation (o) of ±3 microns.

^{*} Equipped with Forward Motion Compensation

III. Lens Resolving Power in cycles/mm

Area-weighted average resolution: 112

Field angle:	0.	7.5°	154	22.70	30°	3 5°	40°
Radial Lines	159	159	159	113	134	95	95
Tangential lines	159	159	134	113	113	9\$	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)	y 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).

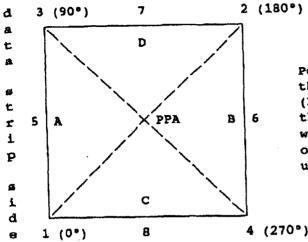
VI. Film Platen

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

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

VII. Principal Points and Fiducial Coordinates

2253559734



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.

4 (270°)

Indicated principal point, corner fiducials Indicated principal point, midside fiducials
Principal point of autocollimation (PPA)
Calibrated principal point (pt. of sym.) xp, Yp

X coordinate	Y coordinate
0.007 mm	0.001 mm
0.002	0.008
0.0	0.0
0.002	0.000

P	1	du	C	1	8	1	М	a	r	k	8

1	-105.990 mm	-105.997 mm
2	106.006	106.001
3	-105.992	106.003
•	106.003	-105.997
4 5	-111.990	0.010
6	112.001	0.005
9	0.001	112.001
,	0.004	-111.999
8		1

VIII. Distances Between Fiducial Marks

Corner fiducials (diagonals)

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

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

Midside fiducials

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

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

Corner fiducials (perimeter)

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

211.998 mm 2-41 1-4: 211.994 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.

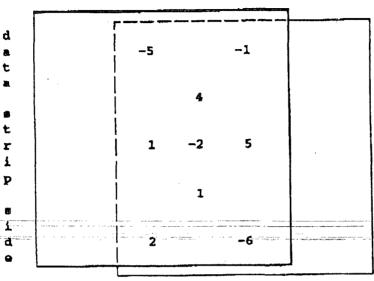
IX. Stereomodel Flatness

FMC Drive Unit No.: 5346-729

Platen ID: 729

Base/Height ratio: 0|6

Maximum angle of field tested: 40°



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 μ 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	S 7	57	57	48	4B	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:Ih Encl.

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

RECEIVED

APR 1 0 2007

NORTHEAST DISTRICT DEP-JACKSONVILLE

	1,392,000	1,048,000	45,800	7.13 1,002,200	7.13	QTR. TOTAL
	624,000	479,400	14,700	464,700	1.20	March
	306,000	225,000	13,000	212,000	2.42	February
	462,000	343,600	18,100	325,500	3.51	January
Recirculated	Transported	Produced	Secondary	Primary	Rainfall	Month
		Total				
	007	Trail Ridge Landfill Leachate/Rainfall: First Quarter 2007	Trail Ridge Landfill /Rainfall: First Qua	Tra .eachate/Ra	_	

Trail Ridge Landfill Leachate/Rainfall JANUARY 2007

if over 4492 let Al 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	rtoonoulated	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		明書 書稿 はず 4 人 4 月 まま 1 日 日 1 日 日 1 日 日 1 日 日 1 日 日 1 日 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1				
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	1	2,500		
1/13/07						136,000
1/14/07				totality of the		
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 Al 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	HARRIET F					
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	<u> </u>	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 Al know

				Total	Gallons
Date	Rainfall	Leachate	Leachate	Leachate	Leachate
	Inches	Primary	Secondary	Produced	Transported
3/1/07	0	4,200	-	4,200	10.000
3/2/07	0.15	1,300	200	1,500	12,000
* 3/3/07					
3/5/07	0.95	58,900	300	59,200	12,000
3/6/07	0.00	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		1,800	2,400	4,200	66,000
3/11/07					. 100,000
3/11/0/	0	80,200	900	81,100	
3/13/07	0		200	7,500	6,000
3/13/07	0	7,300			
	0	20,800	1,100	21,900	42,000
3/15/07		6,000	-	6,000	18,000
3/16/07	0.1	15,800	500	16,300	54,000
3/17/07 3/18/07	it.				
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		22,000			
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
	no report for			-	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 322343608 (904) 289-9160

APROG 2001
APROG 2001
APROG 2001
APROG 2001
APROG 2001
APROG 2001

April 5, 2007

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

> 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.

Brian Dolihite, w/o enclosures

Chet McGhee, DEP, w/enclosures

GMS42 11/09/87 FACILITY

WASTE CODE

WASTE AMOUNT

WASTE

COMMENTS/ADDITIONAL INFORMATION

30,023.76

TONS

SNOT

SOLID WASTE QUANTITY TRACKING TRAIL RIDGE LANDFILL I.D. # 16/00033628 5110 US Hwy 301 South Baldwin, FL 32234-3606 Ph: 904/289-9100

REPORTING MONTH: JANUARY 2007

5/24/94: DEP FORM		955 - MINING				
copied for clarification		950 - LOW-LEVEL RADIOACTIVE		!		
		945 - PATHOLOGICAL/INFECTIOUS	SE COMMENTS	999 - OTHER - USE COMMENTS		
		940 - PESTICIDES/FUNGICIDES		OTHER		
		935 - PAINT AND INK WASTE				
		930 - ORGANIC SOLVENTS AND OILS	TYPE OF WASTE	800 - UNKNOWN TYPE OF WASTE		
		925 - ORGANIC CHEMICALS	E OF WASTE	UNKNOWN TYPE OF WASTE		
		920 - INORGANIC CHEMICALS				
		915 - HEAVY METAL SOLUTIONS	VATER	320 - COOLING WATER		
		910 - EXPLOSIVES	ATER	315 - REJECT WATER		
		905 - CAUSTIC AND ACID	L WASTEWATER	310 - INDUSTRIAL WASTEWATER		
		900 - UNCLASSIFIED HAZARDOUS WASTE	WASTEWATER	305 - DOMESTIC WASTEWATER		
		HAZARDOUS WASTE	300 - UNCLASSIFIED WASTEWATER	300 - UNCLASSIF		
			VATER	WASTEWATER		
		295 - HAZARDOUS SLUDGE				
MGL - MILLION GALLONS	MGL	235 - ION RESIDUE	SH/TRASH	135 - YARD TRASH/TRASH		
TON - TON	TON	230 - INCINERATOR RESIDUE		130 - INDUSTRIAL		
LTR - LITER	LTR	225 - DOMESTIC WASTEWATER TREATMENT		125 - MINING		
LBS - POUNDS	LBS	220 - INDUSTRIAL/COMMERCIAL	CLINICAL	120 - HOSPITAL/CLINICAL		
KGM - KILOGRAM	KGN	215 - AIR SCRUBBER	AL	115 - COMMERCIAL		
GAL - GALLON	GAL	210 - SEPTIC TANK	AL	110 - RESIDENTIAL		
CYD - CUBIC YARD	CYD	205 - WATER TREATMENT/LIME SOFTEN	JRAL	105 - AGRICULTURAL		
CMT - CUBIC METER	CMI	200 - UNCLASSIFIED SLUDGES	100 - UNCLASS, SOLID, NON-HAZARDOUS	100 - UNCLASS, S		
CFT - CUBIC FOOT	WASTE UNIT: CFT	SLUDGES	SOLIDS, NON-HAZARDOUS	SOLIDS, N	ES:	WASTE CODES:
					75,807.79	TOTAL
				TONS		
				TONS		
				TONS	0.00	230
				TONS	22.37	220
				SNOT	640.47	200
				SNOT	45,049.37	130

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 2007

WASTE CODES: WASTE TOTAL 230 220 200 130 WASTE AMOUNT 68,561.88 38,976.67 28,863.23 655.04 50.47 16.48 800 - UNKNOWN TYPE OF WASTE 110 - RESIDENTIAL SOLIDS, NON-HAZARDOUS
100 - UNCLASS, SOLID, NON-HAZARDOUS 999 - OTHER - USE COMMENTS 320 - COOLING WATER 315 - REJECT WATER 310 - INDUSTRIAL WASTEWATER 305 - DOMESTIC WASTEWATER 300 - UNCLASSIFIED WASTEWATER 130 - INDUSTRIAL 135 - YARD TRASH/TRASH 115 - COMMERCIAL 125 - MINING 120 - HOSPITAL/CLINICAL 105 - AGRICULTURAL UNKNOWN TYPE OF WASTE SNOT SNOT SNOT SNOT SNOT NOT WASTE TONS TONS WASTEWATER COMMENTS/ADDITIONAL INFORMATION 925 - ORGANIC CHEMICALS 920 - INORGANIC CHEMICALS 950 - LOW-LEVEL RADIOACTIVE 945 - PATHOLOGICAL/INFECTIOUS 940 - PESTICIDES/FUNGICIDES 935 - PAINT AND INK WASTE 930 - ORGANIC SOLVENTS AND OILS 915 - HEAVY METAL SOLUTIONS 910 - EXPLOSIVES 905 - CAUSTIC AND ACID 900 - UNCLASSIFIED HAZARDOUS WASTE 295 - HAZARDOUS SLUDGE 235 - ION RESIDUE 230 - INCINERATOR RESIDUE 225 - DOMESTIC WASTEWATER TREATMENT 220 - INDUSTRIAL/COMMERCIAL 215 - AIR SCRUBBER 210 - SEPTIC TANK 205 - WATER TREATMENT/LIME SOFTEN 200 - UNCLASSIFIED SLUDGES HAZARDOUS WASTE SLUDGES WASTE UNIT: TON - TON
MGL - MILLION GALLONS LTR - LITER KGM - KILOGRAM GAL - GALLON CYD - CUBIC YARD CMT - CUBIC METER CFT - CUBIC FOOT LBS - POUNDS

copied for clarification 5/24/94: DEP FORM

955 - MINING

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628
5110 US Hww 301 South

5110 US Hwy 301 South Baldwin, FL 32234-3608 Ph: 904/289-9100

REPORTING MONTH: MARCH 2007

WASTE CODES: WASTE CODE TOTAL 115 110 130 230 200 WASTE AMOUNT 71,400.57 27,464.18 42,962.57 841.48 89.64 42.70 0.00 999 - OTHER - USE COMMENTS 310 - INDUSTRIAL WASTEWATER 305 - DOMESTIC WASTEWATER WASTEWATER
300 - UNCLASSIFIED WASTEWATER SOLIDS, NON-HAZARDOUS 100 - UNCLASS, SOLID, NON-HAZARDOUS 800 - UNKNOWN TYPE OF WASTE 320 - COOLING WATER 315 - REJECT WATER 135 - YARD TRASH/TRASH 130 - INDUSTRIAL 125 - MINING 120 - HOSPITAL/CLINICAL 115 - COMMERCIAL 110 - RESIDENTIAL 105 - AGRICULTURAL UNKNOWN TYPE OF WASTE WASTE SNOT SNOT SNOT SNOT SNOT SNOT SNOT SNOT COMMENTS/ADDITIONAL INFORMATION 915 - HEAVY METAL SOLUTIONS 950 - LOW-LEVEL RADIOACTIVE 945 - PATHOLOGICAL/INFECTIOUS 940 - PESTICIDES/FUNGICIDES 935 - PAINT AND INK WASTE 930 - ORGANIC SOLVENTS AND OILS 925 - ORGANIC CHEMICALS 920 - INORGANIC CHEMICALS 910 - EXPLOSIVES 230 - INCINERATOR RESIDUE 225 - DOMESTIC WASTEWATER TREATMENT 215 - AIR SCRUBBER 210 - SEPTIC TANK 205 - WATER TREATMENT/LIME SOFTEN 200 - UNCLASSIFIED SLUDGES 905 - CAUSTIC AND ACID 900 - UNCLASSIFIED HAZARDOUS WASTE 295 - HAZARDOUS SLUDGE 235 - ION RESIDUE 220 - INDUSTRIAL/COMMERCIAL HAZARDOUS WASTE SLUDGES WASTE UNIT LTR - LITER CFT - CUBIC FOOT MGL - MILLION GALLONS LBS - POUNDS KGM - KILOGRAM GAL - GALLON CYD - CUBIC YARD CMT - CUBIC METER TON - TON

copied for clarification
5/24/94: DEP FORM

955 - MINING



This one McGher

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

> 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 APR 0 6 2007

APR 0 6 2007

NORTHEAST DISTRICT

NORTHEAST DISTRICT

NORTHEAST DISTRICT

NORTHEAST DISTRICT

5110 US Hwv 301 South	TRAIL RIDGE LANG	SOLID WASTE QUANTITY TRACKING	
w 301 South	TRAIL RIDGE LANDFILL I.D. # 16.	JANTITY TRACKING	

REPORTING MONTH: JANUARY 2007

GMS42 11/09/87 FACILITY

WASTE

WASTE AMOUNT

WASTE

COMMENTS/ADDITIONAL INFORMATION

30,023.76

TONS

5110 US Hwy 301 South Baldwin, FL 32234-3608 Ph: 904/289-9100

FACILITY	11/09/87	GMS42

WASTE

WASTE AMOUNT

WASTE

COMMENTS/ADDITIONAL INFORMATION

110

28,863.23

115

50.47

130

38,976.67 655.04

> NOT TONS SNOT

TONS

220 200

16.48

TONS SNOT

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 2007

																						WASTE CODES:	TOTAL		
																							68,561.88		
	999 - OTHER - USE COMMENTS	OTHER		800 - UNKNOWN	UNKNOWN TYPE OF WASTE		320 - COOLING WATER	315 - REJECT WATER	310 - INDUSTRIA	305 - DOMESTIC WASTEWATER	300 - UNCLASSI	WASTEWATER		135 - YARD TRASH/TRASH	130 - INDUSTRIAL	125 - MINING	120 - HOSPITAL/CLINICAL	115 - COMMERCIAL	110 - RESIDENTIAL	105 - AGRICULTURAL	100 - UNCLASS.	SOLIDS, t		TONS	TONS
	SE COMMENTS			800 - UNKNOWN TYPE OF WASTE	E OF WASTE		VATER	ATER	310 - INDUSTRIAL WASTEWATER	WASTEWATER	300 - UNCLASSIFIED WASTEWATER	NATER		SH/TRASH			CLINICAL	AL	AL.	JRAL	100 - UNCLASS, SOLID, NON-HAZARDOUS	SOLIDS, NON-HAZARDOUS			
950 - LOW-LEVEL RADIOACTIVE	945 - PATHOLOGICAL/INFECTIOUS	940 - PESTICIDES/FUNGICIDES	935 - PAINT AND INK WASTE	930 - ORGANIC SOLVENTS AND OILS	925 - ORGANIC CHEMICALS	920 - INORGANIC CHEMICALS	915 - HEAVY METAL SOLUTIONS	910 - EXPLOSIVES	905 - CAUSTIC AND ACID	900 - UNCLASSIFIED HAZARDOUS WASTE	HAZARDOUS WASTE		295 - HAZARDOUS SLUDGE	235 - ION RESIDUE	230 - INCINERATOR RESIDUE	225 - DOMESTIC WASTEWATER TREATMENT	220 - INDUSTRIAL/COMMERCIAL	215 - AIR SCRUBBER	210 - SEPTIC TANK	205 - WATER TREATMENT/LIME SOFTEN	200 - UNCLASSIFIED SLUDGES	SLUDGES			
																						WASTE UNIT:			
														MGL - MILLION GALLONS	TON - TON	LTR-LITER	LBS - POUNDS	KGM - KILOGRAM	GAL - GALLON	CYD - CUBIC YARD	CMT - CUBIC METER	CFT - CUBIC FOOT	The second secon		

copied for clarification 5/24/94: DEP FORM

955 - MINING

Baldwin, FL 32234-3608 Ph: 904/289-9100

GMS42 11/09/87 FACILITY

WASTE CODE

WASTE AMOUNT

WASTE

COMMENTS/ADDITIONAL INFORMATION

	WASTE CODES:	TOTAL		-	230	220	200	130	115	110
	ES.	71,400.57			0.00	42.70	841.48	42,962.57	89.64	27,464.18
100 - UNICLASS, SOLID, NON-HAZARDOUS 105 - AGRICULTURAL 110 - RESIDENTIAL 110 - COMMERCIAL 120 - HOSPITALCLINICAL 125 - MINING 130 - INDUSTRIAL 135 - YARD TRASH/TRASH WASTEWATER 300 - UNICLASSIFIED WASTEWATER 310 - INDUSTRIAL WASTEWATER 310 - INDUSTRIAL WASTEWATER 315 - REJECT WATER 320 - COOLING WATER 320 - COOLING WATER 320 - COOLING WASTE UNIKNOWN TYPE OF WASTE 001HER - USE COMMENTS	SOLIDS, NON-HAZARDOUS		TONS	TONS		TONS	TONS	TONS	TONS	TONS
ASH ASH VASTEWATER FEWATER STEWATER OF WASTE OF WASTE	AZARDOUS									
200 - UNCLAS 205 - WATER 210 - SEPTIG 210 - SEPTIG 210 - SIPTIG 210 - NICINER 220 - INCINER 230 - INCINER 235 - ION RES 236 - HAZARI 900 - UNCLAS 905 - CAUSTI 910 - EXPLOS 915 - HEAVY 920 - INORGAN 930 - ORGAN 935 - PAINT A 940 - PESTIC 945 - PATHOL 955 - MINNING 955 - MINNING										
200 - UNICLASSIFIED SILUDGES 205 - WATER TREATMENTLIME SOFTEN 210 - SEPTIC TANK 215 - AIR SCRUBBER 225 - INDUSTRIALCOMMERCIAL 225 - DOMESTIC WASTEWATER TREATMENT 230 - INCINERATOR RESIDUE 235 - INCINERATOR RESIDUE 235 - HAZARDOUS SLUDGE HAZARDOUS SLUDGE HAZARDOUS WASTE 900 - CAUSTIC AND ACID 910 - EXPLOSIVES 915 - HEAVY METAL SOLUTIONS 925 - ORGANIC CHEMICALS 926 - ORGANIC SOLUTIONS 927 - ORGANIC SOLUTIONS 928 - PAINT AND INK WASTE 940 - PESTICIDES/FUNGICIDES 945 - PATHOLOGICAL/INFECTIOUS 956 - LOW-LEVEL RADIOACTIVE 955 - MININING	SLUDGES									
CIAL TOUS WASTE REDOUS WASTE										
	WASTE UNIT:									
CMT - CUBIC METER CYD - CUBIC YARD GAL - GALLON KGM - KILOGRAM LBS - POUNDS LTR - LITER TON - TON MGL - MILLION GALLONS	CFT - CUBIC FOOT									
S. S	İ									
copled for 5/24/94:										



TRAIL RIDGE LANDFILL, INC.

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

April 5, 2007

APR 0 6 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

Brian Dolihite, w/o encl. cc:



Department of Environmental Protection

DED = #100 =04 000/04
DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title Quarterly Report
1
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.

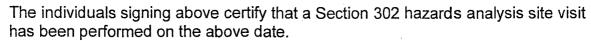
uarter covered b	y this report	First Quarte	r 2007	(First quarter	begins on Jar	nuary 1 of any	given year)
1. Facility name	: Trail Ridg	e Landfill					
2. Facility mailir	ng address:	5110 U.S. HI	GHWAY 301	SOUTH			
City: Baldw	in		County: _[Duval		Zip: 32234	-3608
3. Facility perm	it number: C	013493-010-	SC -				
4. Facility telepi	hone number	(904) 289-	9100				
5. Authorized p							
6. Affiliation wi		Director of L		tions			
7. Telephone nu	•			,			
8. Activity: Re		, one morn abo	, <u>, </u>				
	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 in on the control of the category. Ho	od in which o		• .	ntory exceeds	ed the permitt	ed maximum f	or that
	ss inventory ional sheets,		he quarter, st	ate how and	when this cor	ndition will be r	elieved.
9. Certification: To the best of the Greg Mathe	f my knowledg	ge and belief, I c		ron Ma	The		and complete
	ne of Authoria	zed Agent	S	ignature of Au	thorized Age	nt	Date

Mail complete form to the appropriate district office

FIRE & RESCUE DEPARTMENT

Jacks nville
Where Florida Begins.

Facility Name TRASL KIDEE LANDFILL, INC	
SERC Number	7
DUVAL County Emergency Management Representative	
 Print Name	
Facility Representative	
Print Name	
Facility Representative Signature	Date
Til 34. = 1080	-8 Fe8 67
DUVAL Emergency Management Representative	Date 2/28/01









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: Tease Research	LANDFOIL INC.
Address: 5110 U.S. 456HWAY 3	ol South
Bacousa (City) Jacksonville (State) Flori	da (Zip) <u>عدد 2</u>
Telephone #: 504 289-9100	
Building Information:	
Name:	
Address:	ci in ill
City, State, Zip:	
Telephone #:	donda Begins.
Federal ID # or SSN #:	
Inspection Information:	
Date of Inspection: 28 Feb 07	
Square Footage:	
Inspection Verification:	J. Hair OFFICE MOR Print: Name/Title
<u> </u>	Lair
	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

Chris Pearson w/attachments Brian Dolihite

RECEIVED

FEB 0 7 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 NO0801001
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



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

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 2006

opied for clarification 5/24/94; DEP FORM		950 - LOW-LEVEL RADIOACTIVE 955 - MINING				
		940 - PESTICIDES/FUNGICIDES 945 - PATHOLOGICAL/INFECTIOUS	999 - OTHER - USE COMMENTS	999 - OTHE		
		935 - PAINT AND INK WASTE		ł		
		950 - ORGANIC SOLVENTS AND OILS	800 - UNKNOWN TYPE OF WASTE	800 - UNKN		
		925 - ORGANIC CHEMICALS	UNKNOWN TYPE OF WASTE	UNKNOWN		
		920 - INORGANIC CHEMICALS				
		915 - HEAVY METAL SOLUTIONS	320 - COOLING WATER	320 - COOL		
		910 - EXPLOSIVES	CT WATER	315 - REJECT WATER		
		905 - CAUSTIC AND ACID	310 - INDUSTRIAL WASTEWATER	310 - INDUS		
		900 - UNCLASSIFIED HAZARDOUS WASTE	305 - DOMESTIC WASTEWATER	305 - DOME		
		HAZARDOUS WASTE	300 - UNCLASSIFIED WASTEWATER	300 - UNCL		
		ASS - FIXEARDOGS SECURGE	WASTEWATER	WA		
		205 HAZADDOIS SILIDOF				
	MGL - MILLION GALLONS	235 - ION RESIDUE	135 - YARD TRASH/TRASH	135 - YARD		
	TON - TON	230 - INCINERATOR RESIDUE	STRIAL	130 - INDUSTRIAL		
	LTR - LITER	225 - DOMESTIC WASTEWATER TREATMENT	o	125 - MINING		
	LBS - POUNDS	229 - INDUSTRIAL/COMMERCIAL	120 - HOSPITAL/CLINICAL	120 - HOSP		
	KGM - KILOGRAM	215 - AIR SCRUBBER	MERCIAL	115 - COMMERCIAL		
	GAL - GALLON	210 - SEPTIC TANK	DENTIAL	110 - RESIDENTIAL		,
	CYD - CUBIC YARD	205 - WATER TREATMENT/LIME SOFTEN	CULTURAL	105 - AGRICULTURAL		
	CMT - CUBIC METER	200 - UNCLASSIFIED SLUDGES	100 - UNCLASS, SOLID, NON-HAZARDOUS	100 - UNCL		
	CFT - CUBIC	SLUDGES WASTE UNIT:	SOLIDS, NON-HAZARDOUS	SOL	į.;	WASTE CODES:
					71,491.87	TOTAL
				SNOT		
				NOT		
				TONS	0.00	230
				TONS	29.14	220
				TONS	783.48	200
				NOT	44,937.25	130
				TONS	77.66	115
				TONS	25,664.33	110
		LINFORMATION	COMMENTS/ADDITIONAL INFORMATION	WASTE	WASTE AMOUNT	WASTE
		FIL 304/20373100				

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 2006

WASTE CODES: WASTE TOTAL 230 200 130 WASTE AMOUNT 68,756.07 41,722.56 26,287.10 623.64 99.07 23.70 0.00 999 - OTHER - USE COMMENTS 800 - UNKNOWN TYPE OF WASTE 320 - COOLING WATER 315 - REJECT WATER 310 - INDUSTRIAL WASTEWATER 305 - DOMESTIC WASTEWATER SOLIDS, NON-HAZARDOUS 100 - UNCLASS, SOLID, NON-HAZARDOUS 300 - UNCLASSIFIED WASTEWATER 135 - YARD TRASH/TRASH 125 - MINING 115 - COMMERCIAL 110 - RESIDENTIAL 130 - INDUSTRIAL 120 - HOSPITAL/CLINICAL 105 - AGRICULTURAL UNKNOWN TYPE OF WASTE TONS SNOT SNOT SNOT TONS TONS WASTE SNOT SNOT WASTEWATER OTHER COMMENTS/ADDITIONAL INFORMATION 945 - PATHOLOGICAL/INFECTIOUS 930 - ORGANIC SOLVENTS AND OILS 215 - AIR SCRUBBER 210 - SEPTIC TANK 200 - UNCLASSIFIED SLUDGES 950 - LOW-LEVEL RADIOACTIVE 935 - PAINT AND INK WASTE 925 - ORGANIC CHEMICALS 915 - HEAVY METAL SOLUTIONS 910 - EXPLOSIVES 905 - CAUSTIC AND ACID 295 - HAZARDOUS SLUDGE 235 - ION RESIDUE 230 - INCINERATOR RESIDUE 225 - DOMESTIC WASTEWATER TREATMENT 220 - INDUSTRIAL/COMMERCIAL 205 - WATER TREATMENT/LIME SOFTEN 940 - PESTICIDES/FUNGICIDES 920 - INORGANIC CHEMICALS 900 - UNCLASSIFIED HAZARDOUS WASTE HAZARDOUS WASTE SLUDGES WASTE UNIT: TON - TON
MGL - MILLION GALLONS CFT - CUBIC FOOT LTR-LITER LBS - POUNDS KGM - KILOGRAM GAL - GALLON CYD - CUBIC YARD CMT - CUBIC METER copied for clarification

5/24/94; DEP FORM

955 - MINING

GMS42 11/09/87 FACILITY

WASTE CODE

WASTE AMOUNT

WASTE

COMMENTS/ADDITIONAL INFORMATION

SOLID WASTE QUANTITY TRACKING TRAIL RIDGE LANDFILL 1.D. # 16/00033628 5110 US Hwy 301 South Baldwin, FL 32234-3608 Ph: 904/289-9100

REPORTING MONTH: DECEMBER 2006





JAN 1 0 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

Permit No. 0013493-010-SC Re:

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

by Mailes

GM:lh

Enclosures

Brian Dolihite, w/o encl. CC:



Department of Environmental Protection

DEP Form # 62-701.900(21)						
Waste Tire Processing Facility						
Form Title Quarterly Report						
Effective Date <u>3/22/00</u>						
1						
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.

Quart	ter covered b	y this report	Fourth Quar	ter 2006	(First quarter	begins on Ja	nuary 1 of any	given year)		
1. (Facility name	: Trail Ridg	e Landfill							
2. I	2. Facility mailing address: 5110 U.S. HIGHWAY 301 SOUTH									
(City: Baldwin County: Duval Zip: 32234-3608									
3. I	Facility permi	t number: 0	013493-010-	SC				:		
4. I	Facility teleph	none number	(904) 289-	9100				٠, .		
	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): ()									
			none nom ago	· · · · · · · · · · · · · · · · · · ·	, <u> </u>					
	Beginning Received Processed Consumed Removed Adjustments Ending Inventory									
	Used Tires	0	335			335		0		
	Other whole Tires									
Ī	Processed tires									
	Processing Waste									
[Other									
Ī	Total	0	335			335		0		
b. 1	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 o	f my knowledg	ge and belief, I c	ertify the intorn	nation provided	in this report	s true, accurate,	and complete.		
	Greg Mathe			$ \stackrel{\checkmark}{\sim}$	year / d	elles.		3, 2007		
	Print Nam	ne of Authoria	zed Agent	Si	gnature of A	uthorized Age	ent	Date		

Mail complete form to the appropriate district office



STATE OF FLORIDA ENVIRORMENTAL PROTECTION

2006 DEC 11 A 8: 37

TRAIL RIDGE LANDFILL, INC.

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

MORTHEAST DISTRICT JACKSONVILLE, FL

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

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

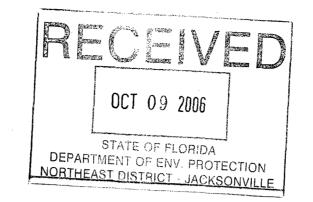
MONITOR POINT	TIME	PRESSURE (inches w.c.)	METHANE (% by Vol. air)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-10	1607	N/A	0	0	DRY	
GP-9	1612	N/A	0	0	DRY	
GP-8	1618	N/A	0	0	DRY	
GP-7	1624	N/A	0 .	0	DRY	
GP-6	1630	N/A	0	0	DRY	
GM-1	1534	N/A	0	0	N/A	* Monitored Vents
GM-2	1524	N/A	0	0	N/A	cracks, 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

MORTHEAST DISTRIC

STATE OF TLORIDA 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

GMS42 11/09/87 FACILITY

WASTE CODE

COMMENTS/ADDITIONAL INFORMATION

SOLID WASTE QUANTITY TRACKING TRAIL RIDGE LANDFILL 1.D. # 16/00033628 Baldwin, FL 32234-3608 Ph: 904/289-9100 5110 US Hwy 301 South

REPORTING MONTH: JULY 2006

5/24/94: DEP FOR		955 - MINING				ú
copied for clarification		950 - LOW-LEVEL RADIOACTIVE				
		945 - PATHOLOGICAL/INFECTIOUS	999 - OTHER - USE COMMENTS	999 - OTHER - L		÷
		940 - PESTICIDES/FUNGICIDES	 	OTHER		
		935 - PAINT AND INK WASTE				¥
		930 - ORGANIC SOLVENTS AND OILS	800 - UNKNOWN TYPE OF WASTE	800 - UNKNOW		
		925 - ORGANIC CHEMICALS	UNKNOWN TYPE OF WASTE	UNKNOWN TY		
		920 - INORGANIC CHEMICALS				
		915 - HEAVY METAL SOLUTIONS	WATER	320 - COOLING WATER		
		910 - EXPLOSIVES	NATER	315 - REJECT WATER		
		905 - CAUSTIC AND ACID	310 - INDUSTRIAL WASTEWATER	310 - INDUSTRI		
		900 - UNCLASSIFIED HAZARDOUS WASTE	305 - DOMESTIC WASTEWATER	305 - DOMESTIC		
		HAZARDOUS WASTE	300 - UNCLASSIFIED WASTEWATER	300 - UNCLASS		
			WASTEWATER	WASTE		
		295 - HAZARDOUS SLUDGE				
	MGL - MILLION GALLONS	235 - ION RESIDUE	ASH/TRASH	135 - YARD TRASH/TRASH		
	TON - TON	230 - INCINERATOR RESIDUE	IAL	130 - INDUSTRIAL		
	LTR - LITER	225 - DOMESTIC WASTEWATER TREATMENT		125 - MINING		
	LBS - POUNDS	220 - INDUSTRIAL/COMMERCIAL	L/CLINICAL	120 - HOSPITAL/CLINICAL		
	KGM - KILOGRAM	215 - AIR SCRUBBER	CIAL	115 - COMMERCIAL		
	GAL - GALLON	210 - SEPTIC TANK	TIAL	110 - RESIDENTIAL		
	CYD - CUBIC YARD	205 - WATER TREATMENT/LIME SOFTEN	TURAL	105 - AGRICULTURAL		
	CMT - CUBIC METER	200 - UNCLASSIFIED SLUDGES	100 - UNCLASS, SOLID, NON-HAZARDOUS	100 - UNCLASS		
	WASTE UNIT: CFT - CUBIC FOOT	SLUDGES	SOLIDS, NON-HAZARDOUS	SOLIDS,	liò	WASTE CODES:
					73,758.32	TOTAL
				TONS	,	
				TONS		
				SNOT	0.00	230
				TONS	29.58	220
4				TONS	640.60	200
				TONS	44,990.74	130
				TONS	55.92	115
				TONS	28,041.48	110

The second second second

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628

Ph: 904/289-9100 5110 US Hwy 301 South Baldwin, FL 32234-3608

REPORTING MONTH: AUGUST 2006

COMMENTS/ADDITIONAL INFORMATION

WASTE CODES: WASTE CODE TOTAL 220 110 230 200 130 115 76,397.69 WASTE 46,963.61 28,595.79 669.51 122.62 46.16 0.00 WASTE UNIT TONS TONS TONS SNOT TONS SNOT TONS TONS

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 315 - REJECT WATER 315 - REJECT WATER 310 - UNKNOWN TYPE OF WASTE UNKNOWN TYPE OF WASTE OTHER 999 - OTHER - USE COMMENTS		001.00
	SOLIDS, NON-HAZARDOUS	
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 235 - HAZARDOUS SLUDGE HAZARDOUS WASTE 900 - UNCLASSIFIED HAZARDOUS WASTE 905 - CAUSTIC AND ACID 910 - EXPLOSIVES 915 - HEAVY METAL SOLUTIONS 920 - INORGANIC CHEMICALS 925 - ORGANIC SOLVENTS AND OILS 930 - ORGANIC SOLVENTS AND OILS 930 - ORGANIC SOLVENTS AND OILS 935 - PAINT AND INK WASTE 940 - PESTICIDES/FUNGICIDES 945 - PATHOLOGICAL/INFECTIOUS 956 - LOW-LEVEL RADIOACTIVE	SLUDGES	
	WASTE UNIT:	
CMT - CUBIC METER CYD - CUBIC YARD GAL - GALLON KGM - KILOGRAM LBS - POUNDS LTR - LITER TON - TON MGL - MILLION GALLONS	CFT - CUBIC FOOT	

GMS42 11/09/87 FACILITY

WASTE

WASTE

WASTE

COMMENTS/ADDITIONAL INFORMATION

110

25,850.85

TONS

115

51.33

SNOT

200

675.37

SNOT

42.11

TONS

0.00

SNOT

SNOT

TONS

130

43,342.42

SNOT

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 2006

5/24/94: DEP FOF		955 - MINING		• .	
copied for clarificatio		950 - LOW-LEVEL RADIOACTIVE			
	,	945 - PATHOLOGICAL/INFECTIOUS	999 - OTHER - USE COMMENTS		
		940 - PESTICIDES/FUNGICIDES	OTHER		الإيط
		935 - PAINT AND INK WASTE		pr. *	. 1
		930 - ORGANIC SOLVENTS AND OILS	800 - UNKNOWN TYPE OF WASTE		
		925 - ORGANIC CHEMICALS	UNKNOWN TYPE OF WASTE		
		920 - INORGANIC CHEMICALS		*	
		915 - HEAVY METAL SOLUTIONS	320 - COOLING WATER		
		910 - EXPLOSIVES	315 - REJECT WATER		
		905 - CAUSTIC AND ACID	310 - INDUSTRIAL WASTEWATER		,
٠٠		900 - UNCLASSIFIED HAZARDOUS WASTE	305 - DOMESTIC WASTEWATER		
		HAZARDOUS WASTE	300 - UNCLASSIFIED WASTEWATER	1.	
			WASTEWATER		
		295 - HAZARDOUS SLUDGE			
-	MGL - MILLION GALLONS	235 - ION RESIDUE	135 - YARD TRASH/TRASH	·	
	TON - TON	230 - INCINERATOR RESIDUE	130 - INDUSTRIAL		
	LTR-LITER	225 - DOMESTIC WASTEWATER TREATMENT	125 - MINING		
	LBS - POUNDS	220 - INDUSTRIAL/COMMERCIAL	120 - HOSPITAL/CLINICAL		
	KGM - KILOGRAM	215 - AIR SCRUBBER	115 - COMMERCIAL		
	GAL - GALLON	210 - SEPTIC TANK	110 - RESIDENTIAL		
	CYD - CUBIC YARD	205 - WATER TREATMENT/LIME SOFTEN	105 - AGRICULTURAL		
	CMT - CUBIC METER	200 - UNCLASSIFIED SLUDGES	100 - UNCLASS, SOLID, NON-HAZARDOUS		
	WASTE UNIT: CFT - CUBIC FOOT	SLUDGES	SOLIDS, NON-HAZARDOUS	ES:	WASTE CODES:
			8	69,962.08	TOTAL



October 6, 2006

OCT 09 2006 STATE OF FLORIDA DEPARTMENT OF ENV. PROTECTION NORTHEAST DISTRICT : JACKSONVILLE

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

Permit No. 0013493-010-SC Re:

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

Brian Dolihite, w/o encl. CC:



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 b	y this report	Third Quart	er 2006	(First quarter	begins on Ja	nuary 1 of any	y given year)	
1. Facility name	: Trail Ridg	e Landfill						
2. Facility mailir	ng address:	5110 U.S. HI	IGHWAY 301	SOUTH				
City: Baldwi	in		County: <u>[</u>	Duval		Zip: 3223	4-3608	
3. Facility permi	it number: C	013493-010-	sc					
4. Facility telepl	hone number	(904) 289-	9100		,			
5. Authorized p	erson prepari	ng report:	Greg Mathes					
6. Affiliation wi		Director of L		tions	:		,	
7. Telephone nu	ımber (if diffe	erent from abo	ve): ()				
8. Activity: Re				<u> </u>				
	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory	
Used Tires	3	310			313		0	
Other whole Tires								
Processed tires								
Processing Waste		<u></u>						
Other	[ı		
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?								
	ional sheets,	at the end of t	he quarter, st	ate how and	when this co	ndition will be	relieved.	
J. Sortingation.		so and belief I o	ertify the inter	Astion provided	La this tonort	ie true accurate		
To the best o	ot my knowledg	je anu bener, i c	CILITY LITE III NOMI	itation brovided	vin this report.	is tide, accurate	e, and complete.	
To the best of Greg Mathe		ge and belief, i c		1 1 1	ather		6, , 2006	

Mail complete form to the appropriate district office

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

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

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,

ZNGPAND-THIMS & MILLER, PNC

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

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:

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:

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

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:

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

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.
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.





OCT 05 2006

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

Trail Ridge Landfill, Inc. 5110 U.S. Hwy 301 So. Baldwin, FL 32234-3608 /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

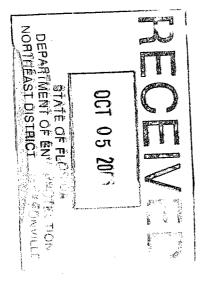
GM:lh Encl.

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

APPLIES AND THE MAN

The second day be

	1,206,000	927,500	25,100	12.65 902,400	12.65	QTR. TOTAL
	414,000	348,200	8,600	339,600	2.38	September
	486,000	317,300	8,400	308,900	4.75	August
	306,000	262,000	8,100	253,900	5.52	July
Recirculated	Transported	Produced	Secondary	Primary	Rainfall	Month
		Total	:			
	2006	Leachate/Rainfall: Third Quarter 2006	Rainfall: Third Qua	.eachate/Ra	_	
	;			T		



Trail Ridge Landfill Leachate/Rainfall JULY 2006

if over 4492 let Al know

			if over 4492 let Al k	Total	Gallons
	Rainfall	Leachate	Leachate	Leachate	Leachate
Date	Inches	Primary	Secondary	Produced	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 l	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_
L		200,000			

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 Al 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					建	
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					100	
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

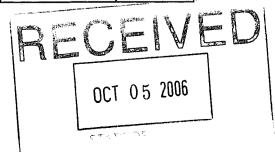
OCT 05 2006

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

Trail Ridge Landfill Leachate/Rainfall SEPTEMBER 2006

if over 4492 let Al 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				可是为"数"。			
9/3/06				41 41 1 1 1 1 1			
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 F	riday 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	\$ 40 A B A						
9/24/06					Maria de P		
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

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

AUG 15 2006

AUG 15 2006

STATE OF FLORIDA

DEPARTMENT DE ENV. PROTECTION

NORTHEAST BISTAILET JACKSONVILLE

(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

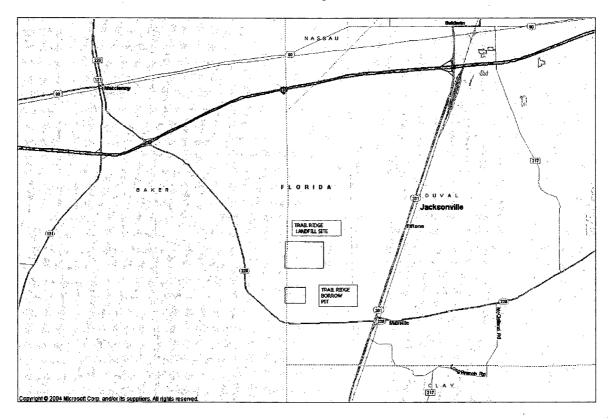
Cc w/o enclosures:

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

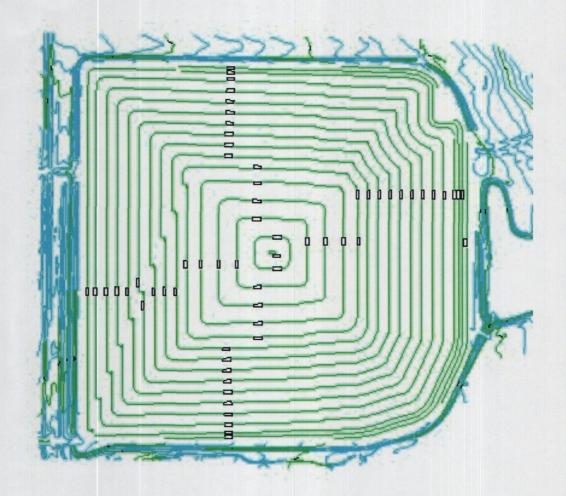
License Number LS 4257

Signed: Seal:



WASTE MANAGEMENT

TRAIL RIDGE LANDFILL



2006 Airspace Report

TRAIL RIDGE LANDFILL TABLE OF CONTENTS

SHEETS 1-3	VOLUME CALCULATIONS & AUF PREDICTION MODEL
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

Α.	В	C	D	Е	F	G	Н	I	J		K	L	M	
Trail R	idae La	ndfill								B	usine	ss Unit	248	
1	age La													
2						W				L	F Sect	ion No.	00	
						WASTE MANAGE	EMENT							
3					_	_						0.407		
4 Site Dat		Tasii Dida						ss Unit N	No.	0		2487		
5 Site Name6 Section Na		Trail Ridge	Landfill				Operating CADD File		FL11.		ection No.			
7 Street Add		5110 U.S.	Hwv 301				Date prep		13-M					
8 City		Baldwin						flyover dat	e 4-Apr	r-05				
	State (2-letter code) FL Zip 32234						Current flyover date: 8-Feb-06							
	Group Southern						Aerial Contractor: Air Survey Design Plans: England, Thims & Miller							
11 Annual Preci	pitation, in.	53					Design Pl	ans:	England,	Thims & Mil	ier	Non-Bergus		
	rad Dur		tle	Dhan	- No		Lands	III Class	ifi a a ti	- T	000	rating St	otuo	
15	red By:			Phone			Landi	ndfill Classification		on	Operating Status Active			
14 Brian Dolil15 Terri Garc		MA Engine		850-301-282 713-328-733				MSW	N					
16	id .	Ort. Orto	TOOH.	110-020-100	51		MSW		X	A	ctive		X	
17							C&D			ACCUPATION NAMED IN	nactive			
18							Special/In					in Progress		
19							Hazardou	S		P	C under	Area		
20 21 Landfil					1 2000	Ilyayar Data	1 2005 51	over Dete	1 200	4 Elver	or Data	2003 Fly	war Da	
Landfil	I Areas	(acres)				lyover Date -Feb-06		over Date pr-05		4 Fiyov 28-Mar	er Date	3-Ap		
23 Total		Area contro	olled by W	M		975.0		75.0		0.0		0.		
24 Permi	Permitted waste footprint					154.0		54.0		0.0			0.0	
		footprint (s	sum of all p	ohases)		0.0		0.0		0.0		0.0		
	waste foo vith waste					154.0		5 4.0 5 4. 0		0.0		0.0		
			te in place			0.0		0.0		0.0		0.0		
	Remaining area without waste in place Total lined area				154.0		54.0		0.0		0.0			
	illed to fina	l waste ele	vation			37.5		7.5		0.0			0.0	
31 Total	Total capped area					23.5	2	3.5		0.0		.0		
32														
33 Permit	ted Des	sign Ca	pacities	(bcv)										
		capacity (23	,927,440	23.9	27,440		0		()	
35 Adjust	ments (pe	rmitted des	gn modific	cations)		0		0		0		In the contract of the contract of)	
36														
	ning Pe	rmitted	Canac	ity (bcy)										
					10	,718,295	116	53,360	THE STATE OF	0)	
	sion airspa	g permitted airspace (waste & daily cover)) 10	0	11,0	0		0		0			
	Total remaining airspace (waste & daily cover)		10	,718,295	11,6	53,360		0		ACCOUNT OF STREET)			
41 Rema	ining Airs	pace Utiliz	ation Fact			0.85		.85		0.00)	0.0	00	
	Remaining permitted tonnage		9,	110,551	9,90	5,356		0)			
	Expansion tonnage Total remaining tonnage (at current flyover date)				0	0.00	0		0)		
	emaining t	onnage (at	current fly	over date)	9,	110,551	9,90	5,356		0				
45														
	THE RESERVE OF THE PARTY OF THE	onstruct	THE RESERVE THE PROPERTY OF THE PARTY OF THE											
46 Above	Curren	t Lined	Areas	(bcy)										
	Remaining constructed airspace (waste & d.c.)					,718,115		53,360		0	AND REAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDR)	
48 Rema	Remaining constructed tonnage			9	110,398	9,90	5,356		0		()		
49														
50 Soil Su	ımmary	(bcy)												
51 Rema	ining mate	rial availabl				0		0		0		()	
52 Mater	ial availabl	lable from off-site borrow areas			0		0		0		0			
	laterial available from stockpiles			180		,950	0)				
	Total Soil Available			180	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	,950	0		Manager Street, Street)				
	Remaining final cover material Remaining liner material			8	356,490	856	6,490		0)		
	naining liner material erial required for backfilling at excavation				0		0		0		AND DESCRIPTION OF THE PARTY OF)		
		ng perimeter berm			0		0		0		The second second second)		
	Daily Cover % from workbook					20%	(0%		0%		0'	%	
			des daily		-	356,490	0.50	5,490	THE PERSONAL PROPERTY.	0	The Control of Control	CONTRACTOR OF THE PARTY OF THE)	

2006 SITE DATA AND REPORT SUMMARY

	В	C	D	E	F	G	Н	I	J	K	L	M	N	
Airspa	ce Cor	sumption	on			2006 Flyo 8-Feb		2005 Flyo		2004 Flyo		2003 Flyo 3-Ap		
	Waste received in period (tons)					861,845			4-Apr-05 999,299		28-Mar-04 0		0 0	
Opera	Operational consumed (cy) (waste & daily cover)				1,019,105		1,153,155		0		0			
		ed (cy) (wast	e & daily co	ver)		935,065		1,041,875		0		0		
	over consur	nption (cy) ace at previou	o flyovor			100	265	190	265		0	0		
		lown between				180,:	ATT AND THE STREET, ST)		0	0		
		ace at current				180,		Management of the Control	265		0	0		
) Liner r	naterial cons	sumption (cy)												
		previous flyov				621,		CHARLES AND ADDRESS OF THE PARTY OF THE PART	150		0	0		
		etween flyove current flyove				621,		621	150		0	0		
4						021,								
	1	4!1\												
5 A.U.F.	(opera	tional)									00	0.0		
		factor (T/CY)				0.8		0.	33		00	0.0		
8	ce utilization	riactor (LDS/C	,1)			1,0		1,7	33					
_	1 55 1													
	(effect													
		factor (T/CY) factor (Lbs/C				0.9			96 918		00	0.0		
	Ce utilization	Tactor (LDS/C	,1)			1,8	+0	1,8	110			U		
2	,													
3 A.U.F.	(predic	ction mo	del)											
		e utilization fa		^		0.9			86		00	0.0		
	ning airspac	e utilization fa	actor (LDS/CY)		1,9	29	1,,	20		0	0		
6														
7 Tonna	ige and	Site Life	е					Trail F	Ridge La	andfill				
8 (Tons provid	ed by WM PI	MT)											
	FLVOVES		ADDITIONAL		Operational	Effective	Total	Waste			Annual		Life of Si	
	DATE	ACTUAL TONNAGE DURING PERIOD	TONNAGE (PROJECTIONS	Date of Survey	Consumed Volume	Consumed Volume	In-Place Volume	Received In	Total In-Place Tonnage	Operational AUF (T/cy)	Effective AUF	Cumulative AUF (T/cy)	AUF Goa	
9 JAN			ONLY)	2/22/4000	(cu.yd.)	(cu.yd.)	(cu.yd.)	Period (tons)	E47 540	0.50	(T/cy)	0.50		
JAN 1 FEB				3/23/1999	921,188 847,337	921,188 847,337	921,188 1,768,525	547,516 606,272	547,516 1,153,788	0.59 0.72	0.59 0.72	0.59 0.65	0.85	
2 MAR	-	-		3/15/2002	2,757,648	2,757,648	4,526,173	1,771,910	2,925,698	0.64		0.65	0.85	
3 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		0.66	0.85	
4 MAY	•	84,048		3/28/2004	1,105,647	1,105,647	6,880,280		4,740,596	0.83		0.69	0.85	
5 JUNE 6 JULY	•	88,913 84,989		4/4/2005 2/8/2006	1,153,155 1,019,105	1,041,875 935,065	7,922,155 8,857,220		5,739,895 6,601,740	0.87	0.96	0.72 0.75	0.85	
7 AUG		96,225		2/0/2000	1,019,105	933,003	0,037,220	001,045	0,001,740	0.00	0.82	0.75	5.05	
8 SEPT		84,896						Histori	cal AUF					
			The second secon	1.10										
	•	79,308	-	1.10										
NOV		79,655												
0 NOV 1 DEC		79,655 82,242		1.00								•		
0 NOV 1 DEC 2 JAN	•	79,655		1.00								*	*	
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR	•	79,655 82,242 86,011	-	0.90	Δ-	<u> </u>						<u></u>	*	
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR	2/8/06	79,655 82,242 86,011 21,702	-	0.90	<u> </u>	Δ		<u> </u>		Δ	A	2	-	
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY	2/8/06	79,655 82,242 86,011 21,702 - -	-	0.90		Δ		<u> </u>		^	A		•	
O NOV I DEC JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE	2/8/06	79,655 82,242 86,011 21,702	-	0.90	<u>A</u>	<u> </u>				<u> </u>	A			
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE 8 JULY 9 AUG	2/8/06	79,655 82,242 86,011 21,702 - - -	-	1.00 consider the constant of		<u> </u>				<u> </u>				
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE 8 JULY 9 AUG 0 SEPT	2/8/06	79,655 82,242 86,011 21,702 - - - -		0.90	<u></u>	<u> </u>				<u> </u>				
O NOV DEC JAN FEB MAR APR MAY JUNE JULY JUNE SEPT OCT	2/8/06	79,655 82,242 86,011 21,702 - - - - - - -	-	1.00 construction of the c	Δ	<u> </u>		Operationa		•				
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE 8 JULY 9 AUG 0 SEPT 1 OCT 2 NOV	2/8/06	79,655 82,242 86,011 21,702 - - - - - - -		1.00 consider the constant of	<u></u>	<u> </u>	-	Cumulative Annual Effe	AUF (T/cy)				•	
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE 8 JULY 9 AUG 0 SEPT 1 OCT 2 NOV 3 DEC	2/8/06	79,655 82,242 86,011 21,702 - - - - - - - - -		1.00 - 0.90 - 0.80 - 0.70 - 0.60 - 0.50 - 0.	<u></u>	<u> </u>	-	Cumulative Annual Effe	AUF (T/cy)					
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE 8 JULY 9 AUG 0 SEPT 1 OCT 2 NOV 3 DEC 4 TOTAL TO	2/8/06	79,655 82,242 86,011 21,702 - - - - - - -		1.00 - 0.90 - 0.80 - 0.70 - 0.60 - 0.50 - 0.40	n-99		-	Cumulative Annual Effe	AUF (T/cy)	te Pack)	in-04	A Jan-05	Jan-06	
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE 8 JULY 9 AUG 0 SEPT 1 OCT 2 NOV 3 DEC 4 TOTAL TO 5	2/8/06	79,655 82,242 86,011 21,702 - - - - - - - - -		1.00 - 0.90 - 0.80 - 0.70 - 0.60 - 0.50 - 0.40	n-99			Annual Effe	AUF (T/cy) ective AUF (T/c AUF Goal (Ra	te Pack)	in-04	1 Jan-05	Jan-06	
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE 8 JULY 9 AUG 0 SEPT 1 OCT 2 NOV 3 DEC 4 TOTAL TO	- 2/8/06 	79,655 82,242 86,011 21,702 - - - - - - - - -		1.00 - 0.90 - 0.80 - 0.70 - 0.60 - 0.50 - 0.40	n-99	Jan-00		Annual Effe	AUF (T/cy) ective AUF (T/c AUF Goal (Ra	te Pack)	in-04	1 Jan-05	Jan-06	
1 DEC 22 JAN 33 FEB 4 MAR 4 MAR 5 APR 66 MAY 17 JUNE 8 JULY 19 AUG 10 SEPT 11 OCT 12 NOV 13 DEC 14 TOTAL TO 15 16 17 COMB	- 2/8/06 	79,655 82,242 86,011 21,702 - - - - - - - - - - - - - - - - - - -		1.00 - 0.90 - 0.80 - 0.70 - 0.60 - 0.50 - 0.40	n-99	Jan-00		Annual Effe	AUF (T/cy) ective AUF (T/c AUF Goal (Ra	te Pack)	n-04	∆ Jan-05	Jan-06	
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 17 JUNE 8 JULY 9 AUG 0 SEPT 11 OCT 12 NOV 13 DEC 14 TOTAL TO 15 TOTAL TO 16 TOTAL TO 17 COMP 18 1. Final co	2/8/06	79,655 82,242 86,011 21,702 - - - - - - - - - - - - - - - - - - -		1.00 - 0.90 - 0.80 - 0.70 - 0.60 - 0.50 - 0.40 - Ja	n-99	Jan-00		Annual Effe	AUF (T/cy) ective AUF (T/c AUF Goal (Ra	te Pack)	hn-04	Jan-05	Jan-06	
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE 8 JULY 9 AUG 5 SEPT 1 OCT 12 NOV 6 TOTAL TO 6 TOTA	2/8/06	79,655 82,242 86,011 21,702 - - - - - - - - - - - - - - - - - - -		1.00 - 0.90 - 0.80 - 0.70 - 0.60 - 0.50 - 0.40 - Ja	n-99	Jan-00		Annual Effe	AUF (T/cy) ective AUF (T/c AUF Goal (Ra	te Pack)	h-04	Jan-05	Jan-06	
10 NOV 11 DEC 12 JAN 13 FEB 14 MAR 15 APR 16 MAY 17 JUNE 18 JULY 19 AUG 10 SEPT 11 OCT 12 NOV 13 DEC 14 TOTAL TO 15 TOTAL TO 16 TOTAL TO 16 TOTAL TO 17 JUNE 18 JULY 19 AUG 10 SEPT 10 OCT 11 OCT 12 NOV 13 DEC 14 TOTAL TO 15 TOTAL TO 16 JUNE 16 JULY 17 JUNE 18 JULY 18 JULY 19 AUG 10 SEPT 10 OCT 11 OCT 12 NOV 13 DEC 14 TOTAL TO 15 JUNE 16 JULY 17 JUNE 18 JULY 18 JULY 19 AUG 10 SEPT 10 JUNE 10 JUNE 11 JUNE 11 JUNE 12 JUNE 13 JULY 14 JUNE 15 JULY 16 JULY 16 JULY 17 JUNE 16 JULY 17 JUNE 17 JUNE 18 JULY 18 JULY 19 AUG 10 JULY 1	2/8/06	79,655 82,242 86,011 21,702 - - - - - - - - - - - - - - - - - - -		1.00 - 0.90 - 0.80 - 0.70 - 0.60 - 0.50 - 0.40 - Ja	n-99	Jan-00		Annual Effe	AUF (T/cy) ective AUF (T/c AUF Goal (Ra	te Pack)	n-04	Jan-05	Jan-06	
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE 8 JULY 9 O SEPT 1 OCT 2 NOV 3 DEC 4 TOTAL TO 5 6 COM 5 COM	2/8/06	79,655 82,242 86,011 21,702 - - - - - - - - - - - - - - - - - - -		1.00 - 0.90 - 0.80 - 0.70 - 0.60 - 0.50 - 0.40 - Ja	n-99	Jan-00		Annual Effe	AUF (T/cy) ective AUF (T/c AUF Goal (Ra	te Pack)	n-04	Jan-05	Jan-06	
0 NOV 1 DEC 2 JAN 3 FEB 4 MAR 5 APR 6 MAY 7 JUNE 8 JULY 9 AUG 0 SEPT 10 OCT 12 NOV 3 DEC 4 TOTAL TO 5 6 6 COM 6 8 1. Final co 9 2. Liner th	2/8/06	79,655 82,242 86,011 21,702 - - - - - - - - - - - - - - - - - - -		1.00 - 0.90 - 0.80 - 0.70 - 0.60 - 0.50 - 0.40 - Ja	n-99	Jan-00		Annual Effe	AUF (T/cy) ective AUF (T/c AUF Goal (Ra	te Pack)	n-04	Jan-05	Jan-06	

2

AUF Prediction Model

Landfill Name
District No.
Engineer
Date Completed

Trail Ridge Landfi	ill
?	
?	
?	

auto input
Input cells
Output cells
no data required

INPUT

Landfill	Information	Input
----------	-------------	-------

Average annual precipitation, in.

Leachate recirculation? No = 1, Yes = 2

Waste Stream Composition, %

MSW

C&D

Sludge

Contaminated Soil / foundry sand

Other waste

Cover soil ratio, %

53	from rate workbook or climate map
1	from site engineer

? ? ? ? ? See Instruction Sheet for Rate Workbook Locations for Input Information

Remaining Airspace Input

Remaining Airspace, bank cubic yards
Remaining Area with capacity (partial & no fill), acres
Typical time to fill from base grade to final grade, years

10,718,295	from air report
116.5	from air report
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

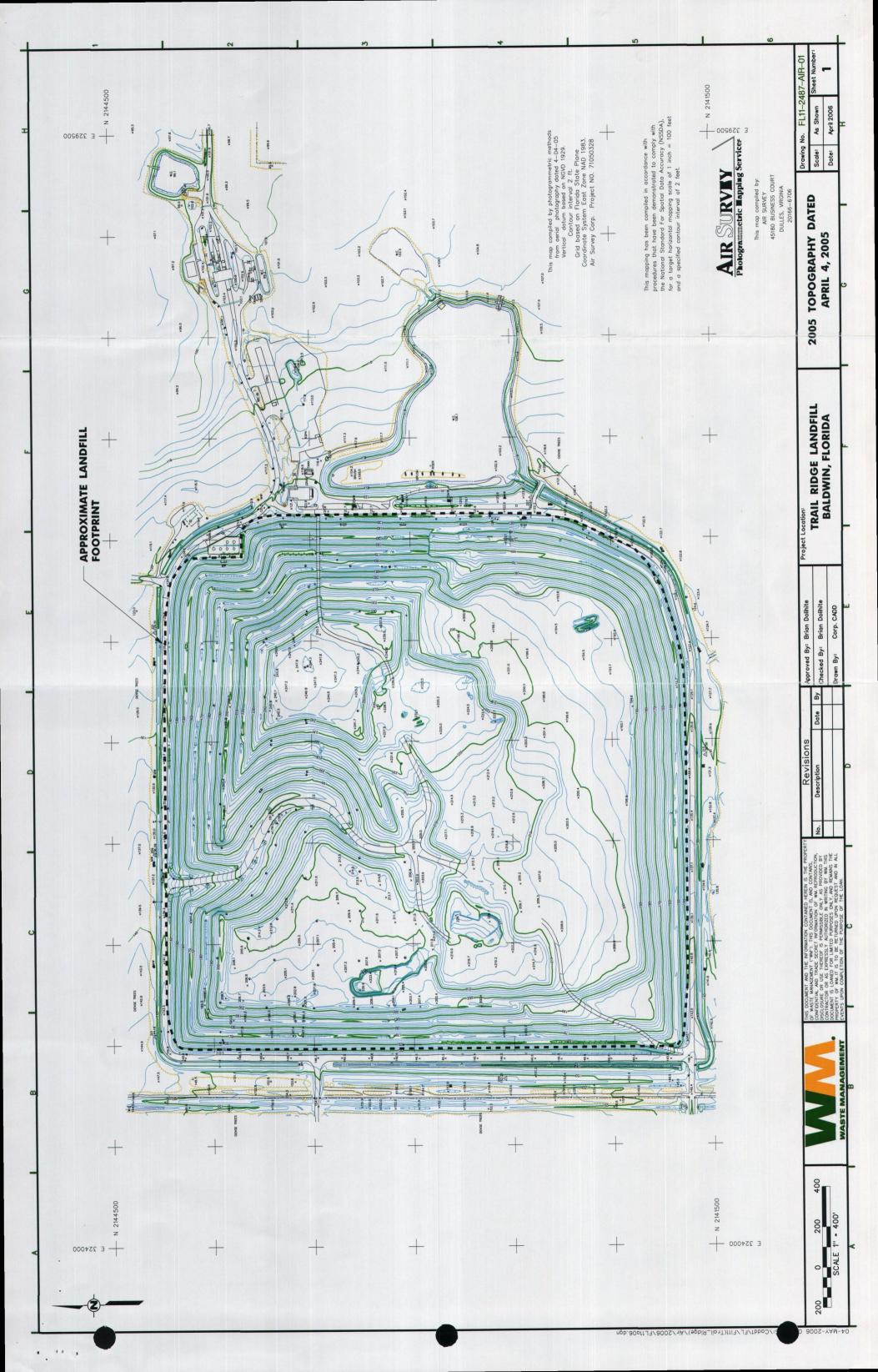
0.90

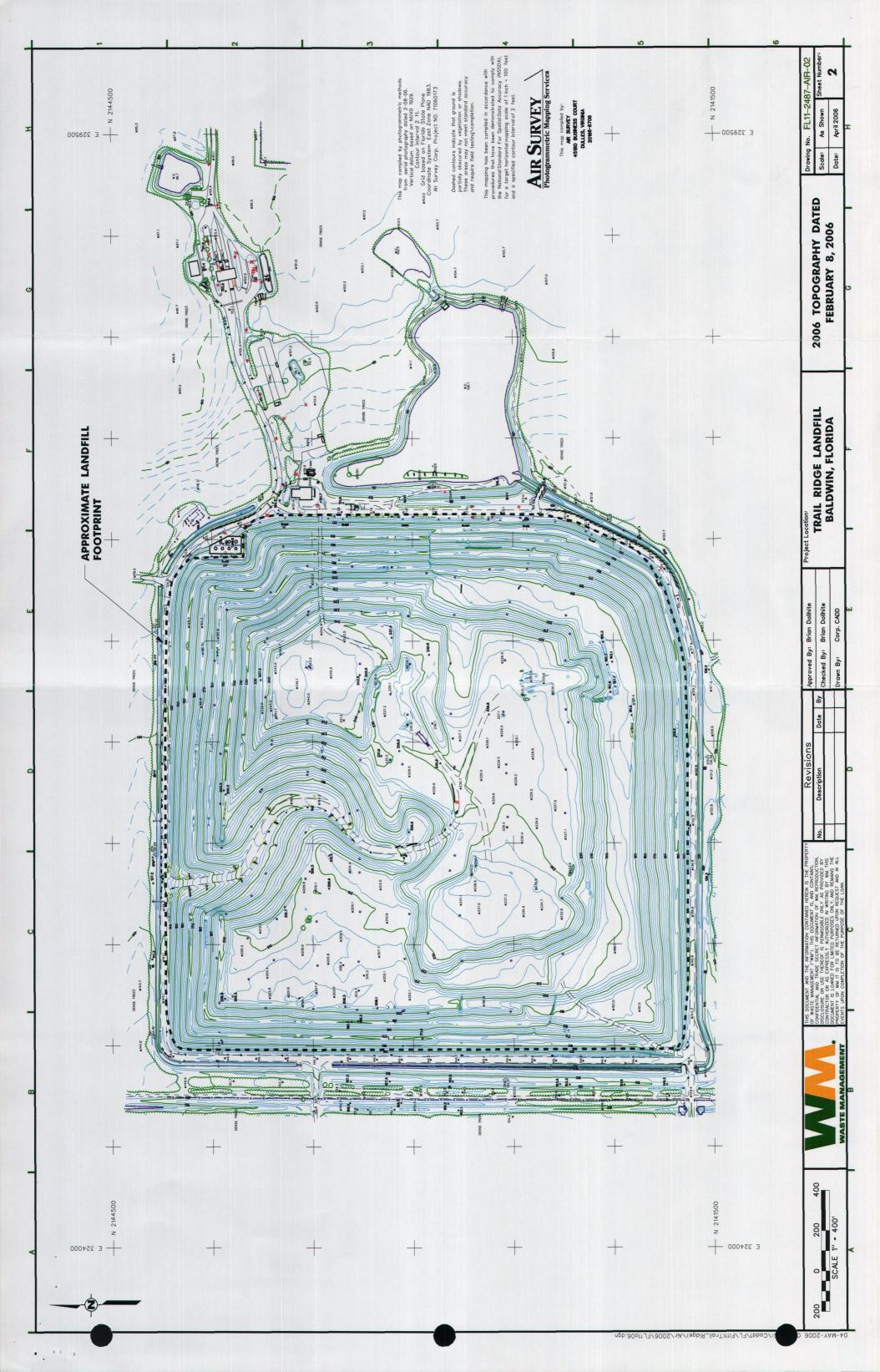
Secondary Settlement AUF Increase, %

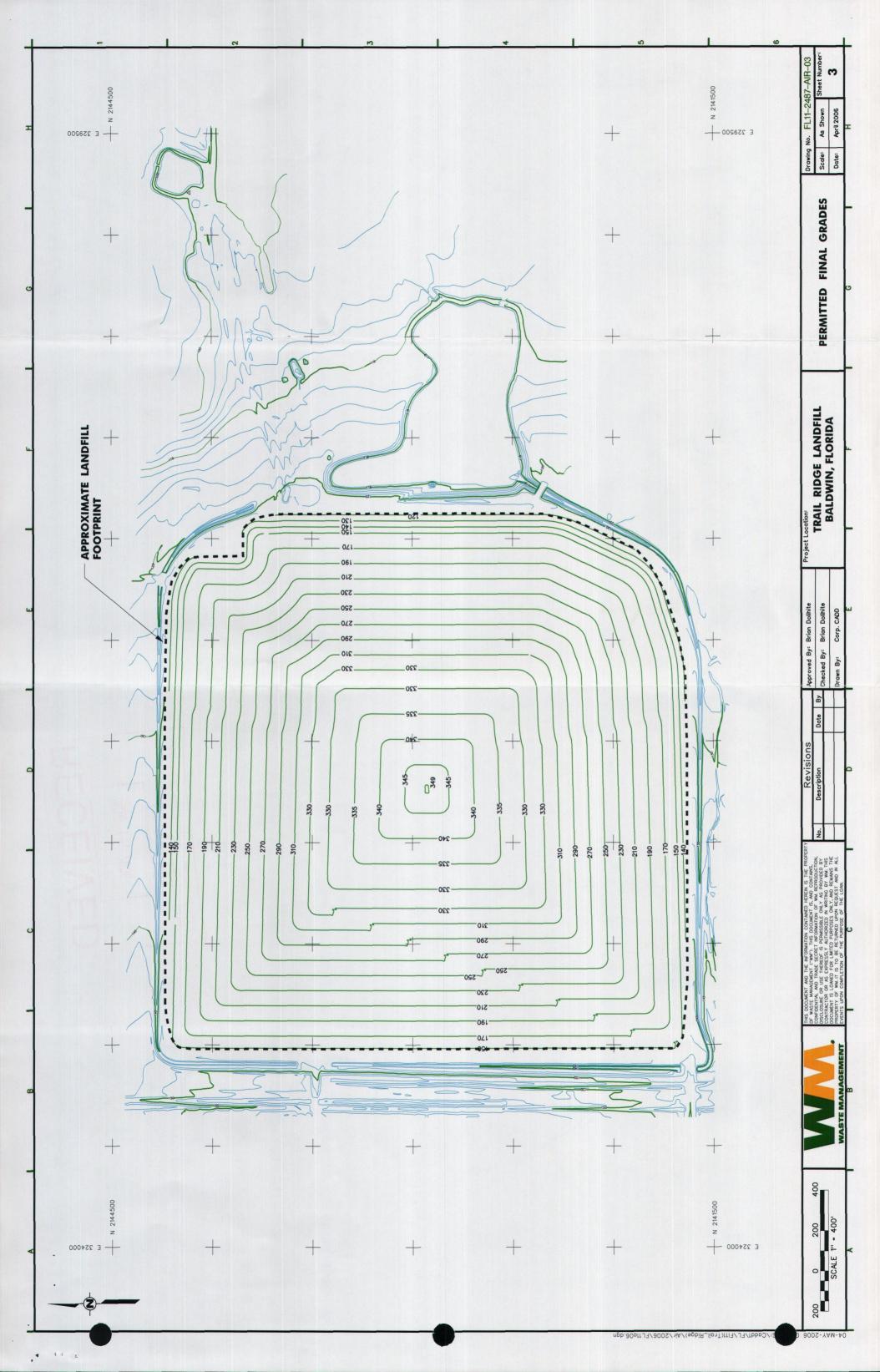
7.5

Predicted Remaining AUF

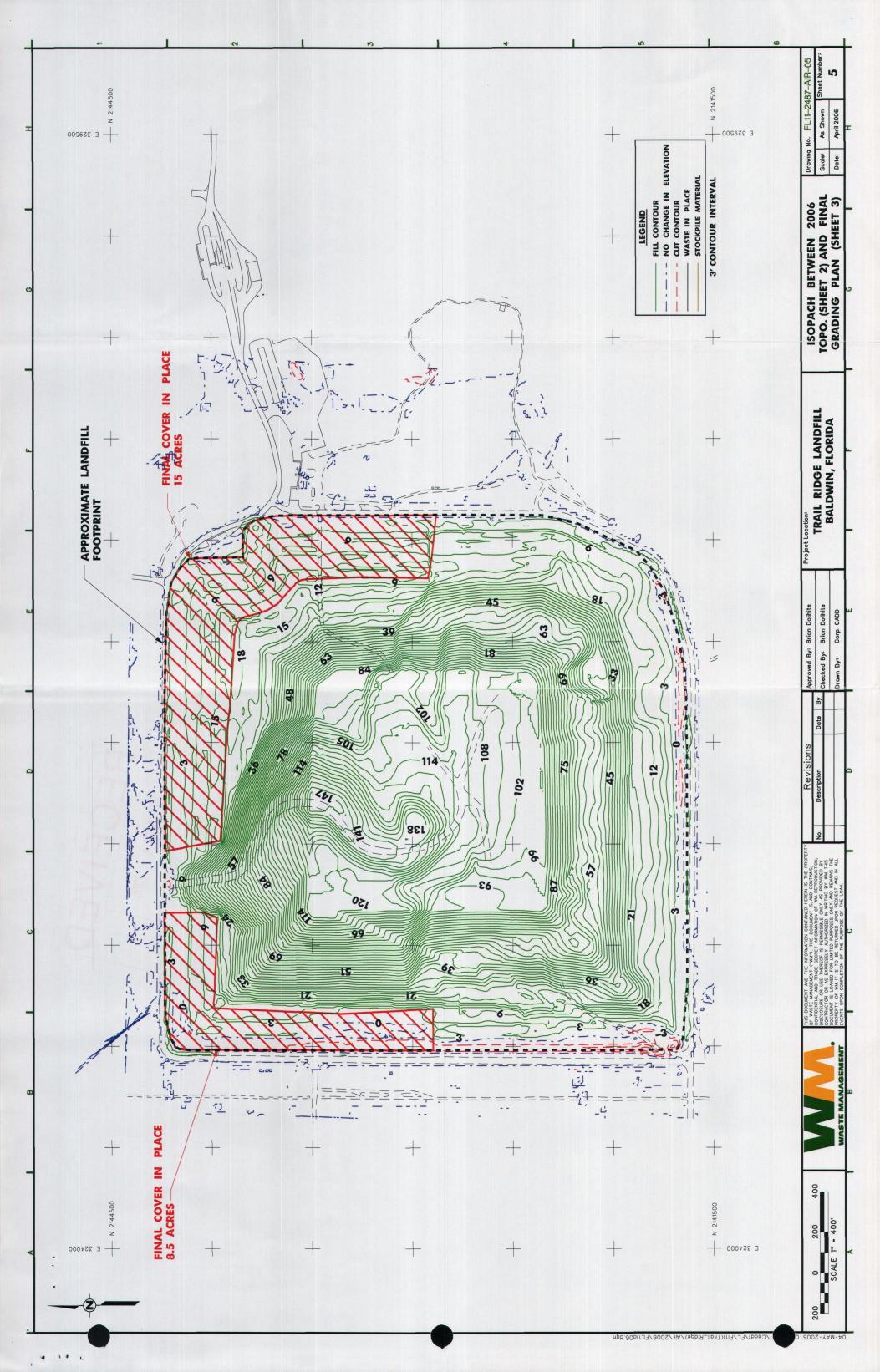
0.96

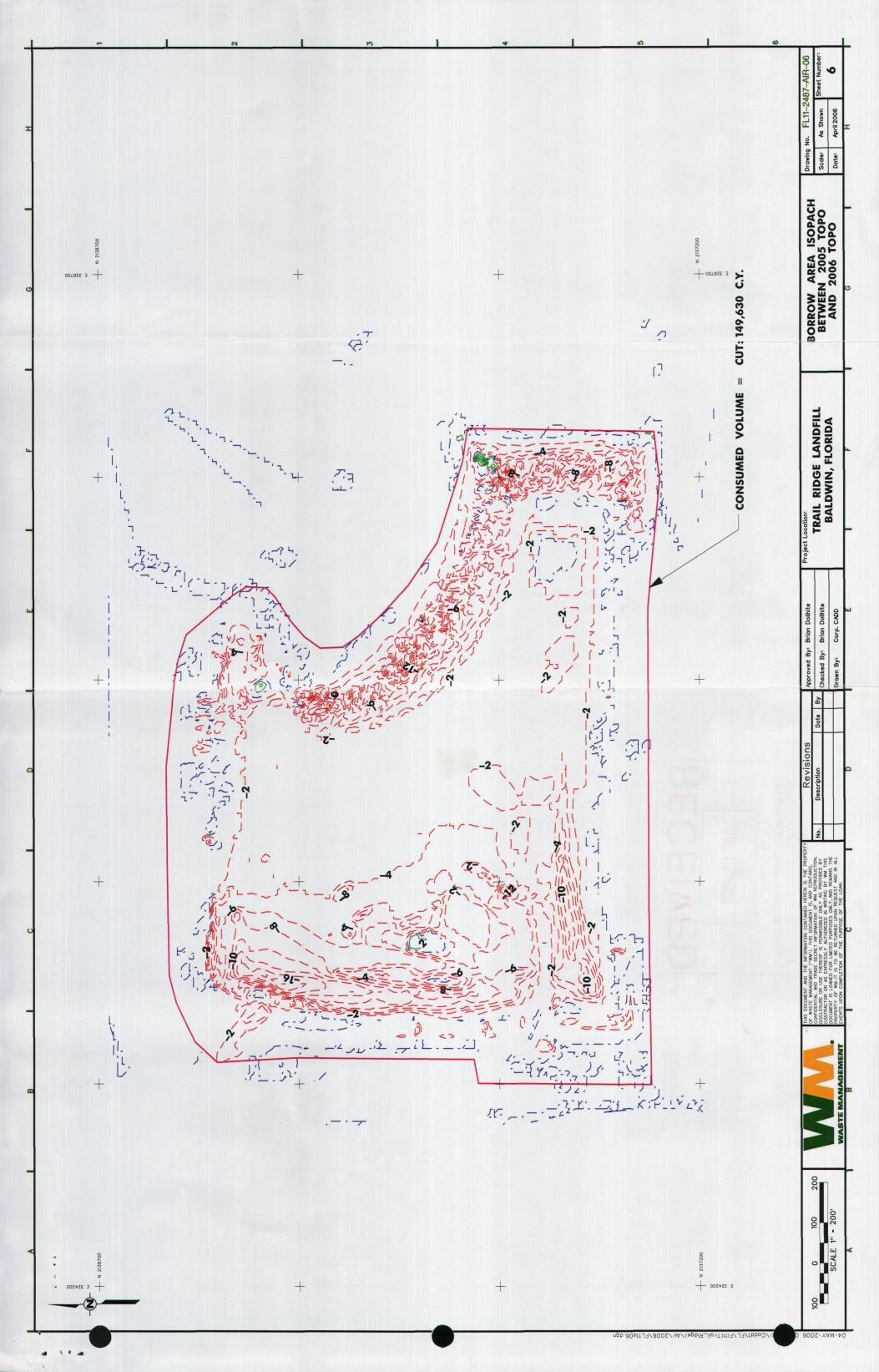














August 14, 2006

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

AUG 1 5 2006

AUG 1 5 2006

STATE OF FLORIDA

STATE OF FLORIDA

NORTHEAST NORTHEAST JACKSONVILLE

(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

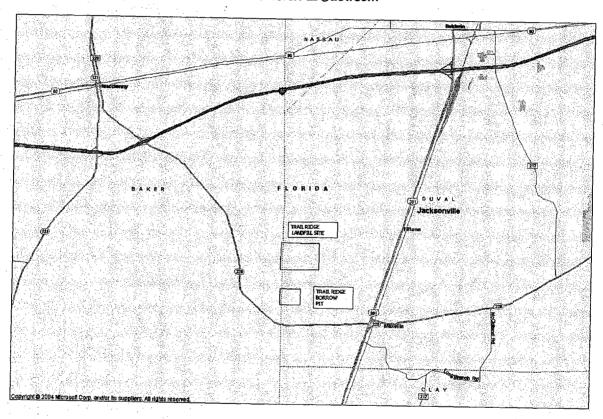
AB/ab

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

License Mumb

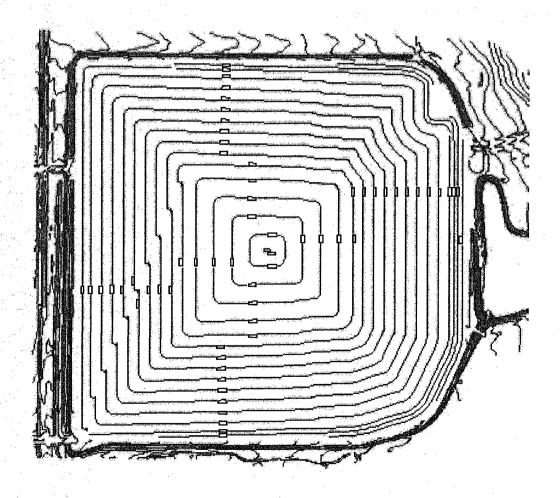
Professional Surveyor and Mapper

Signed: Se



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

		F			Н	1 1		K	<u> </u>	<u> </u>	M
-				_	1 11	I. T		Busin	oss I	<u>-</u> Ini≠	
1	Trail Ridge Landfill			entra .	2223	÷					
2			W	M				LF Sec	ction N	No.	00
3		ĺ	WASTE MA	NAGE	MENT						
4	Site Data	•			Busine	ss Ilnit	No		- 24	87	
5	Site Name Trail Ridge Landfill				Operating	Unit No.		Section N	SERVICE CHECKEN		
6	Section Name				CADD Fil		FL11A0				2-14- V
8	Street Address 5110 U.S. Hwy 301 City Baldwin				Date prep Previous		13-Mar- te 4-Apr-0				
9	State (2-letter code) FL Zip Zip 322	34			Current fl	yover date	e: 8-Feb-0	6			
10 11	Group Southern: Annual Precipitation, in. 53			-	Aerial Co Design Pl		Air Surv England, Thin	Large Cont & Ch. Date State Dates			
12	Annual recipitation, in.			. ' . !	Designin	ans.	in the State of the Assessment		1925 1 Section 1912 - 1722 - 1	Control Mark 11	
13	Prepared By: Title Pho	ne No.			Landf	ill Class	ification	Op	eratin	g Sta	tus
14	Brian Dolihite MA Engineer 850-301-2					MSW	•		Act	tive	
15 16	Terri Garcia SR. CAD Tech. 713:328-7	331			MSW		X	Active			×
17					C&D		***	Inactive		59%	• •
18 19		1.18.35			Special/In			Exit Closu		gress	- K
20			K K		Hazardou	5	4 11 6	PC unde	r Area		
21	Landfill Areas (acres)		Flyover D	ate		over Date		lyover Date	e 200		er Date
22 23	Total Property Area controlled by WM	\$65500000	8-Feb-06 975.0	a erre		pr-05 /5.0	28	Mar-04 0.0		3-Apr - 0.0	
24	Permitted waste footprint		975.0 154.0	4		54.0		0.0		0.0	PERSONAL PROPERTY OF STREET
25	Expansion waste footprint (sum of all phases)	Section	0.0		Change September 573 QLF2	0.0		0.0		* 0.0	A STATE OF THE STA
26 27	Total waste footprint Area with waste in place		154.0 154.0			64.0 54.0		0.0 0.0	12.5	0.0 0.0	Control of the Contro
28	Remaining area without waste in place		.0.0		- y ×	0.0		0.0		. 0.0	
29	Total lined area	# 3 % A	154.0			4.0		0.0		0.0	ALL THE ORGANIS AND SECOND
30	Area filled to final waste elevation Total capped area		37.5 23.5	2 <u>33</u>		7.5 3.5	1	0.0		0.0	268, 12-26, 774, 675, 744, 645, 744, 744, 744, 744, 744, 744, 744, 7
32		Magazine () a se	att. Ang species representation above the ex-		Compact State (1980)		3 St. 18 St. 18 St. 18		27 T T T T T T T T T T T T T T T T T T T		
33	Permitted Design Capacities (bcy)										
34	Permitted design capacity (waste & daily cover)		3,927,440					Mark the American Control of the Con		- ; ; 0;	
35	Adjustments (permitted design modifications)	190	∌0 (1			0 (2.75)		0		. 0	
36							T:		1		
	Remaining Permitted Capacity (bcy)		0 = 140 00E	In mark third	10.410000 414 6A	-0:000	in District Strains	TO A WY SHAND BUTTON A	cord adultment for d	S. Herrico	ti: constant material
38 39	Remaining permitted airspace (waste & daily cove Expansion airspace	r) 1	0,718,295 0		TATION AND AND AND AND A SEASON	53,360 0		0. 1		0	
40	Total remaining airspace (waste & daily cover)	1	0,718,295		11,6	53,360		0		-,0	
41	Remaining Airspace Utilization Factor Remaining permitted tonnage		0.85 . 0,110,551			.85 5,356		0.00		0.00	AND DESCRIPTION OF THE PARTY OF
43	Expansion tonnage		0.5			0	1.77	0		0 	
44	Total remaining tonnage (at current flyover date)	9	,110,551	10 A 10 St	9,90	5,356		0		: '' 0	75
45		<u> </u>									
	Remaining Constructed Capacity						1				
46	Above Current Lined Areas (bcy)	2 0 000		12.84Fe 17	nathalastana a ranna		State Section of Consultance of Con-	and the second and th	Cas. No. Post	Super- Col =	estenda proceder a
47	Remaining constructed airspace (waste & d.c.) Remaining constructed tonnage		0,718,115),110,398			53,360 5,356		0 % 6 0 5 5 6		· 0:	THE PERSON AND AND AND AND AND AND AND AND AND AN
49		Secure 2	್ ಎಂಡುವ ಕನ್ನಡ ಸುಖ್ಯ	are the second	ALLENS TO SEC. TO		ro ∎omenencestanisti	, u. a. marine de enter la	ne se	er overe server ser	VV
-	Soil Summary (bcy)		**. '	Ť			T		I		
51	Remaining material available from excavation		. ≱0 a ≥ ⊘			0		0 ;	i seci	· · · · · · · · · · · · · · · · · · ·	
52	Material available from off-site borrow areas	4	0 %		THE RESERVE AND ASSESSED.	0		0	# 1744 P	0	
53 54	Material available from stockpiles Total Soil Available		180 180	(4) (4)		950 950		0 *0		0 • 0	
55	Remaining final cover material	1000 1001 100 100 100	856,490		856	,490		0		0	
56 57	Remaining liner material Material required for backfilling at excavation	200	÷0; -0.		has a taken became and a	0 ; 0		0 🕸		0	
58	Remaining perimeter berm	462 A	(0)	200.5	CLOSE CON GOOD ALVESTON	0		0		0	
59	Daily Cover % from workbook	1.10	20%			% 400		0% j. j.			
60	Total Soil Required (excludes daily cover)	12.33	856,490		856	,490		0		0	

2006 SITE DATA AND REPORT SUMMARY

- 1 1 A	T	В	L			F			T	 	- V	1 7		I Nī
1	Airono		C	D	E	F	G 2006 Flye	H over Date	2005 Fly	over Date	2004 Fly	L over Date	2003 Fly	N over Date
2							8-Fe	b-06		pr-05		lar-04		pr-03
3			n period (ton sumed (cy) (v		(cover)	*	861 1.01	,845 9,105	999	9,299 53,155		0 0		0
5	Effecti	ve consun	ned (cy) (was				A CONTRACTOR SOURCE CONTRACTOR	,065 🐃		1,875	10.00	0 110	1000	0 (000)
7			mption (cy) ace at previou	ıs flyover	•	<u> </u>	180	,265	180	0,265		0		Ō
8	Final	cover put	down betweer	n flyovers	· · · · · · · · · · · · · · · · · · ·			O	1471.14	0433997	100	0 🔻 💮	Section 1	0
9			ace at current sumption (cy)		· -		180	,265	180),265		0	7.7	0 - 12
11	Liner	in place at	previous flyo	ver				,150		1,150	a de la company	0 72.		0 ,
12			between flyover current flyover				621	0 150	62	0 / . , 1,150 /	2.20	0 (
14	Linoi	in place at	. ourrent nyov				3021	,100,353	Jan 192	1,1100 112 2 2 2	are some state of			Y.A. 1986.34 E. 8.1
	A.U.F.	loners	tional)						<u> </u>					***
16			n factor (T/CY)	· .		(4.545-1415-0.1	85	***	87 *		00 * 345.		00***
17	Airspac	e utilizatio	n factor (Lbs/0	ĆY)						733 💮 📜				0
18	<u></u>							\$ 1			·			
19	A.U.F.			· · ·										
20 21			n factor (T/CY n factor (Lbs/0				1 0 t	92 ; <u>1</u>	1 1	96 918	7. 0	00: - 4 k	0	00
22	, mopac			- /			Production of the Control of the Con		THE PERSON NAMED IN		CONTRACTOR OF THE PARTY OF THE	Telescope (Constitution)	CONTRACTOR (STATE OF THE CONTRACTOR)	
23	AUF	(predi	ction mo	ndel)					<u></u>					
24	Remair	ning airspa	ce utilization fa	actor (T/CY)				96 *		86	\$83 - NO.	00 114 14	0.	00
25	Remair	ning airspa	ce utilization fa	actor (Lbs/C)	()		. 1,9	29	1,	720	建数的设置	0.4787.5	4. PH125	0.15 (4.35)
26		<u> </u>				 								
27	Tonna	ge and	Site Lif	е	-				Trail F	Ridge L	andfill			
28	(Τ	ons provid	led by WM Pi	MT)										
	* .	FLYOVER	ACTUAL TONNAGE	ADDITIONAL TONNAGE	Date of	Operational Consumed	Effective Consumed	Total In-Place	Waste	Total in-Place	Operational	Annual	Cumulative	Life of Site
29		DATE	DURING PERIOD	(PROJECTIONS ONLY)	Survey	Volume (cu.yd.)	Volume (cu.yd.)	Volume (cu.yd.)	Received in Period (tons)	Tonnage	AUF (T/cy)	Effective AUF (T/cy)	AUF (T/cy)	AUF Goal (Rate Pack)
30	JAN				3/23/1999	921,188	921,188	921,188	•		0.59	0.59	0.59	0.85
	FEB MAR	-		<u> </u>	1/21/2000 3/15/2002	847,337 2,757,648	847,337 2,757,648	1,768,525 4,526,173	606,272 1,771,910		0.72 0.64	0.72 0.64	0.65 0.65	0.85 0.85
33	APR	4/4/05	. 73,857	<u>-</u> :	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
	MAY JUNE	-	284,048 288,913	-	3/28/2004 4/4/2005	1,105,647 1,153,155	1,105,647 1,041,875	6,880,280 7,922,155	915,139 999,299		0.83 0.87	0.83 0.96	0.69 0.72	0.85 0.85
36	JULY .	-	84,989,		2/8/2006	1,019,105	935,065	8,857,220	861,845		0.85	0.92	0.75	0.85
	AUG SEPT	-	96,225 84,896	-					Histori	cal AUF				
39	OCT		79,308		1.10 -	, , .	· · · · · · · · · · · · · · · · ·	,						
	NOV DEC	•	79,655 82,242	-	4.00				.9					,
42	JAN		86,011		1.00 -								_	
43	FEB	2/8/06	21,702		0.90 -	<u>'</u>								
44	MAR APR	-	5.3		yard	<u> </u>	<u> </u>			<u> </u>	<u> </u>		Ā	
46	MAY	•	1012157		. 0.80 bic						A SECTION AND A			
48	JUNE JULY	•		-	tons/cubic yard - 0.70 -	200	, O-	4		- Contraction of the Contraction	Ø*	-		
49	AUG	-	1.5			The state of the s	_		0	200				
50	SEPT OCT		in the second		0.60 -	W			-Operationa	LAUF (T/cv)				
52	NOV	-	300	-	0.50 -				-Cumulative					
	DEC TOTAL TO	<u>.</u>	861,845							AUF Goal (Ra				
55	-CIAL IO		, 640, IVI, 040		0.40 ∃ Jai	n-99	Jan-00	Jan-01	Jan-02	Jan-0	3 Jai	n-04	Jan-05	Jan-06
56								·						
57	Comm	ents												
	1. Final cove			201 01000	1 AVCC									
	∠. ∟iner tnic	Kriess: 2.5	ft.; 6" CLAY, (oul, 2 UPS.	LATEK									
61	,						*							
60 61 62 63 64				4			a de							
64			£.	:										
65														

AUF Prediction Model

Landfill Name
District No.
Engineer

Date Completed

Įį.	
idfi	
e La	
Ridge	
áil F	
Tr	? ?
A 88 1 1 16 14	

auto input	12
Input cells	Agricultura (1987)
Output cells	
no data required	

See

Instruction

Sheet for Rate

Workbook

Locations for

Input Information

INPUT

Landfill Information Input

Average annual precipitation, in.

Leachate recirculation? No = 1, Yes = 2

Waste Stream Composition, %

MSW

C&D

Sludge

Contaminated Soil / foundry sand

Other waste

Cover soil ratio, %

Remaining Airspace Input

Remaining Airspace, bank cubic yards
Remaining Area with capacity (partial & no fill), acres
Typical time to fill from base grade to final grade, years

from air report

116.5 from air report

5 from rate workbook or site engineer

from site engineer

from rate workbook or climate map

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

1

?

7

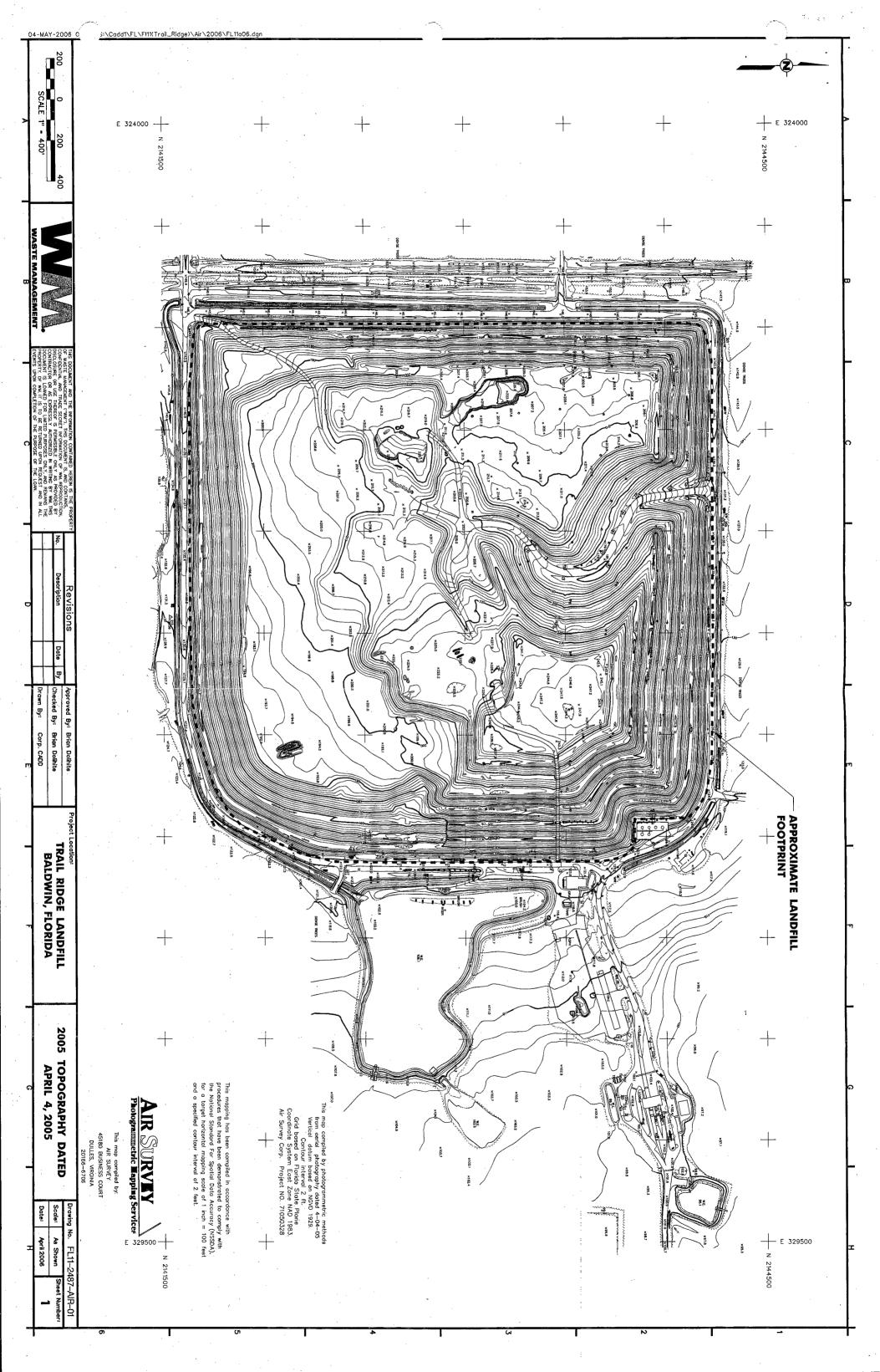
7

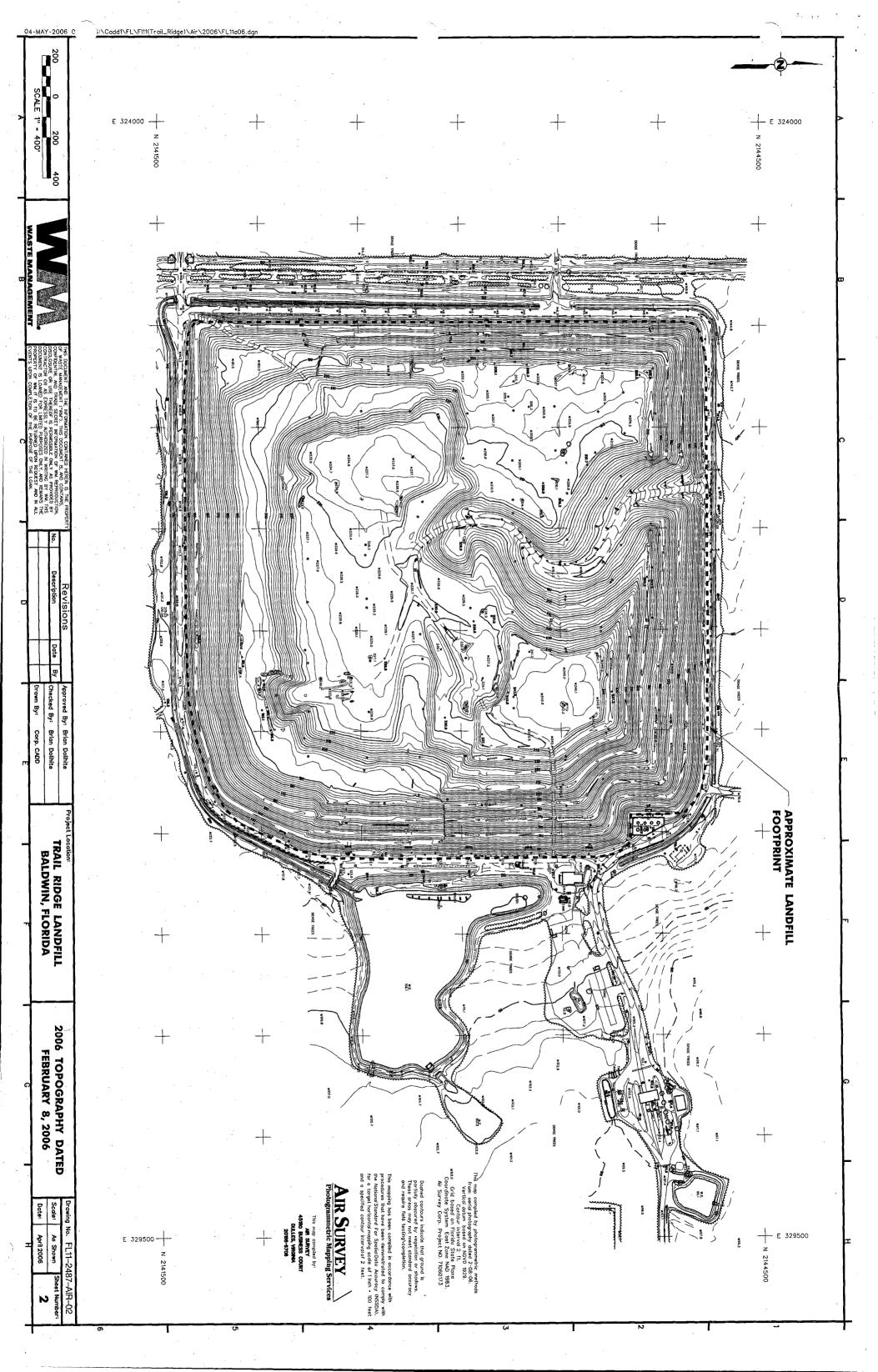
Secondary Settlement AUF Increase, %

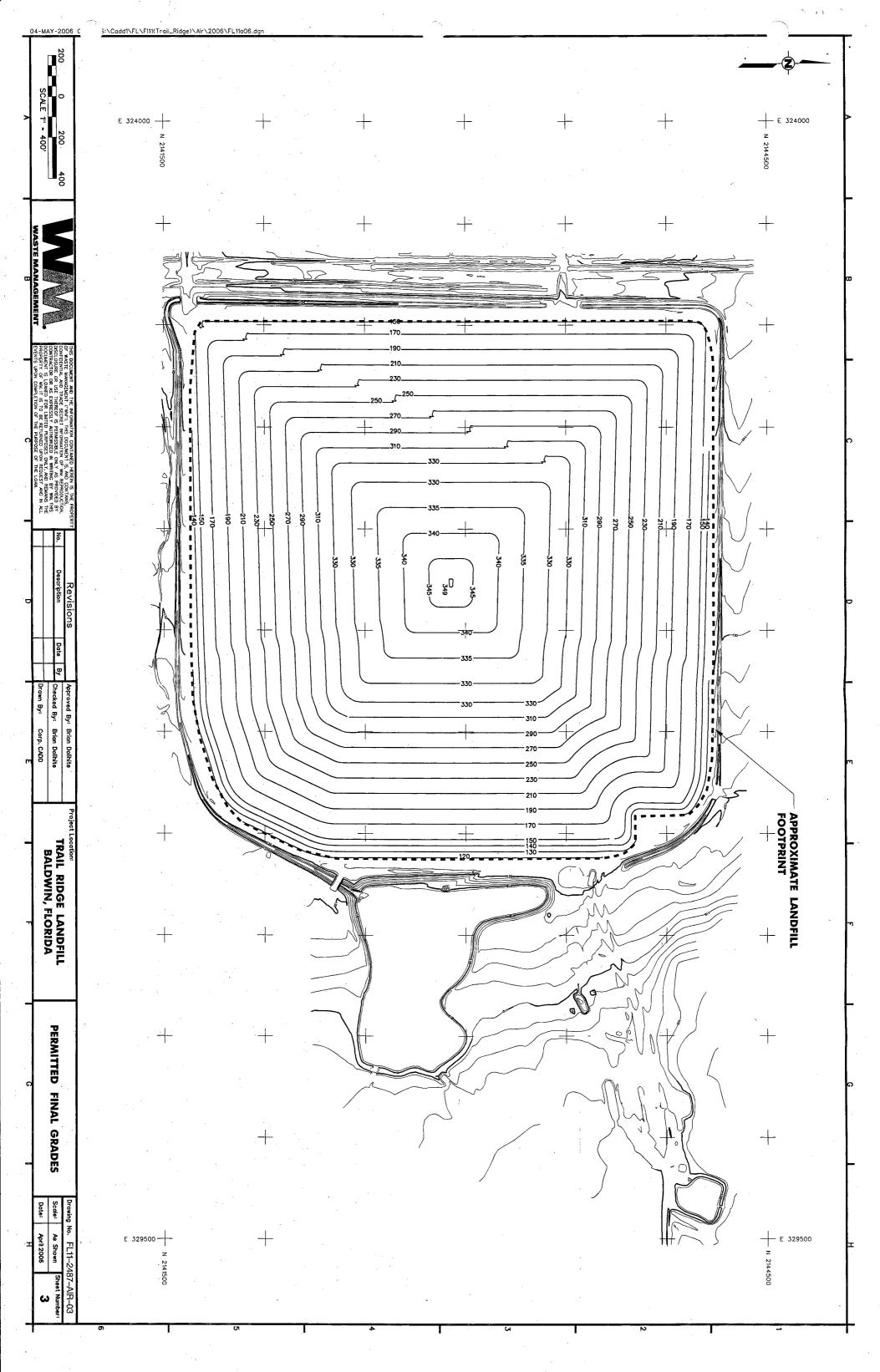
7.5

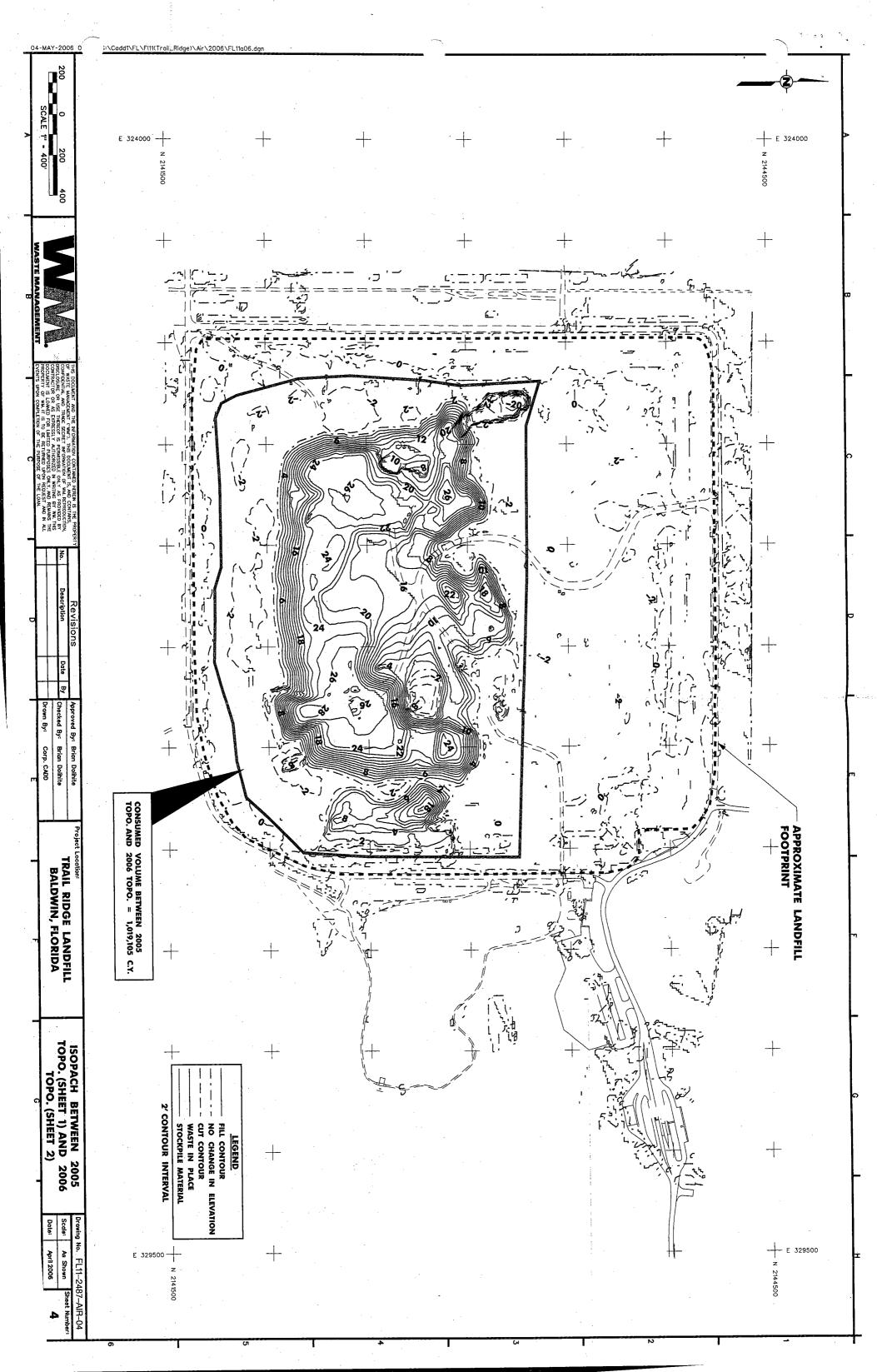
Predicted Remaining AUF

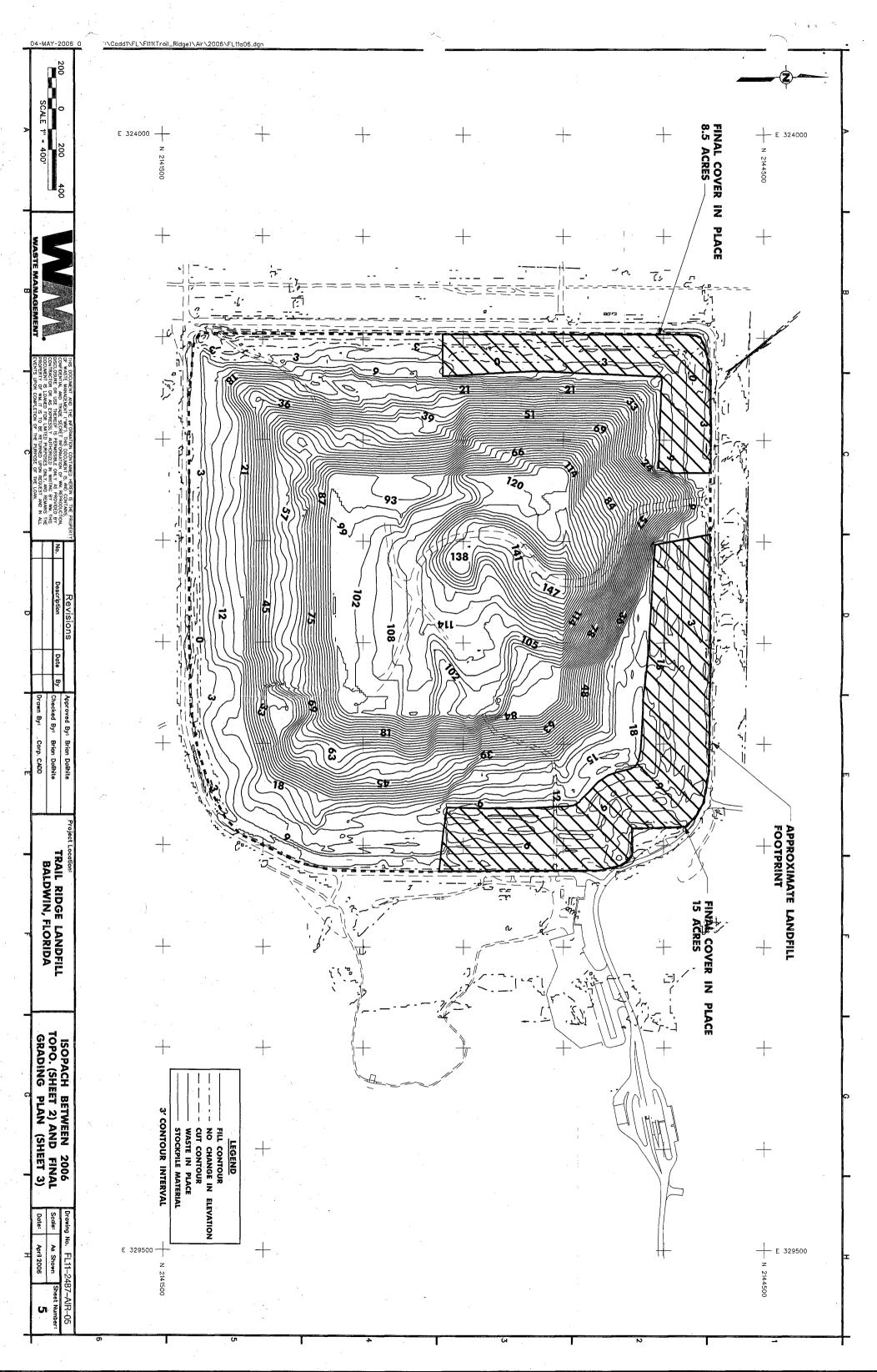
0.96

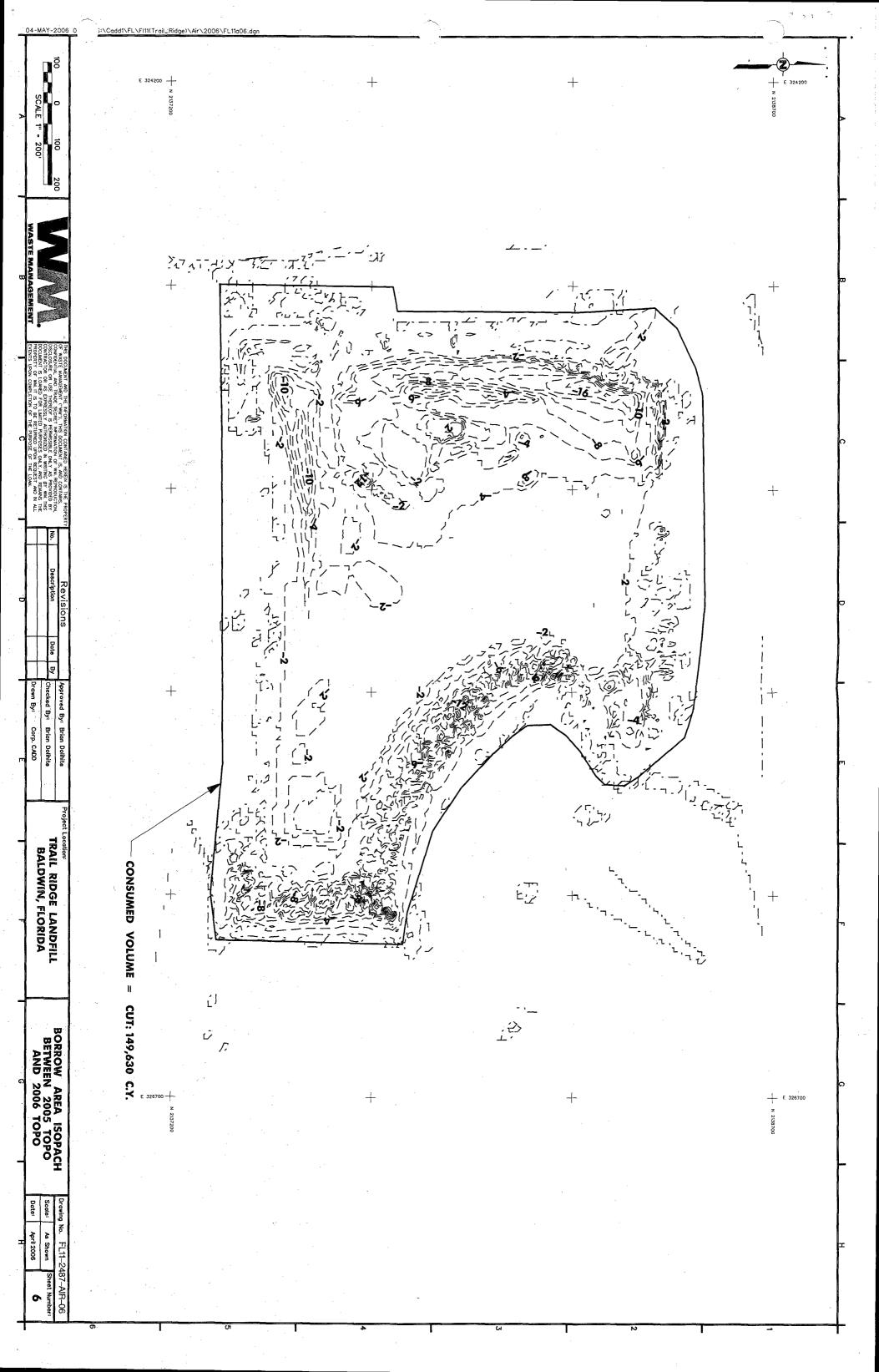














Trail Ridge Landfill, Inc. 5110 U.S. Hwy 301 So. Baldwin, FL 32234-3608 904/289-9100 Fax: 904/289-9013

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.

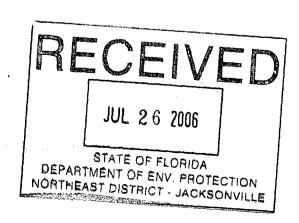
Sincerely.

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
THE ATTITUDE CONTINUES OF A SHEW OLD MINIOUS TO	

WEATHER CONDITIONS:.....CLOUDY SKY, WINDS E 5 MPH <90°F

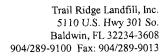
BAROMETRIC PRESSURE:.....30.05 INCHES

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

		PERCENT	WATER	
TIME	PRESSURE	METHANE	LEVEL	COMMENTS
1338	N/A	0	DRY	
1343	N/A	0	DRY	
1347	N/A	0	DRY	
1352	N/A	0	DRY	
1358	N/A	0	DRY	·
1429	N/A	0	N/A	* Monitored Vents
1438	N/A	0	N/A	* cracks, conduit
1450	N/A	0	N/A	*and confined spaces, inside
1406	N/A	0	N/A	*and outside of buildings
1417	N/A	0	N/A	*
	1343 1347 1352 1358 1429 1438 1450 1406	1338 N/A 1343 N/A 1347 N/A 1352 N/A 1358 N/A 1429 N/A 1438 N/A 1438 N/A 1406 N/A	TIME PRESSURE METHANE 1338 N/A 0 1343 N/A 0 1347 N/A 0 1352 N/A 0 1358 N/A 0 1429 N/A 0 1438 N/A 0 1450 N/A 0 1406 N/A 0	TIME PRESSURE METHANE LEVEL 1338 N/A 0 DRY 1343 N/A 0 DRY 1347 N/A 0 DRY 1352 N/A 0 DRY 1358 N/A 0 DRY 1429 N/A 0 N/A 1438 N/A 0 N/A 1450 N/A 0 N/A 1406 N/A 0 N/A

COMMENTS: ALL POINTS ARE PERMANENT PROBES







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

RECEIVED JUL 12 2006 STATE OF FLORIDA DEPARTMENT OF ENV. PROTECTION c:\documents and settings\lhair\my documents want ageneer (swaste quan 2nd out to doc NVILLE

copied for clarification 5/24/94: DEP FORM

										copied for 5/24/94:	
		Š.									
			. '								
			!				 			LONS	
		<i>:</i>								CFT - CUBIC FOOT CMT - CUBIC METER CYD - CUBIC YARD GAL - GALLON KGM - KILOGRAM LBS - POUNDS LTR - LITER TON - TON MGI - MILLION GALLONS	
										WASTE UNIT	
Fn: 904/289-9100		,) i .							S AL SOFTEN AL ER TREATMENT ER TREATMENT ID OILS S IOUS VE	
			٠ .	·						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 235 - ION RESIDUE 296 - HAZARDOUS SLUDGE HAZARDOUS WASTE 900 - UNCLASSIFIED HAZARDOUS WASTE 905 - CAUSTIC AND ACID 910 - EXPLOSIVES 915 - HEAVY METAL SOLUTIONS 916 - EXPLOSIVES 917 - HEAVY METAL SOLUTIONS 918 - MORGANIC CHEMICALS 905 - CRGANIC CHEMICALS 906 - ORGANIC COLEMICALS 919 - PESTICIDES/FUNGICIDES 940 - PESTICIDES/FUNGICIDES 945 - PATHOLOGICAL/INFECTIOUS 950 - LOW-LEVEL RADIOACTIVE	
COMMENTS/ADDITIONAL INFORMATION			,							SLUDGES 200 - UNCLASSIFIED (205 - WATER TREATM) 210 - SEPTIC TANK 215 - AIR SCRUBBER 220 - INDUSTRIAL/CO 225 - DOMESTIC WAS 230 - INCINERATOR R 235 - ION RESIDUE 236 - HAZARDOUS SU HAZARDOUS SU 900 - UNCLASSIFIED (905 - CAUSTIC AND A 910 - EXPLOSIVES) 916 - HEAVY METAL (920 - INORGANIC CHEM 930 - ORGANIC CHEM 930 - ORGANIC CHEM 930 - ORGANIC SOLV 935 - PAINT AND INK (940 - PESTICIDES/FU) 945 - PATHOLOGICAL 955 - MINING	
S/ADDITIONAL		,								Snog	
COMMENT									,	SOLIDS, NON-HAZARDOUS 105 - AGRICUL TURAL 110 - RESIDENTIAL 115 - COMMERCIAL 126 - HOSPITAL/CLINICAL 127 - HOSPITAL/CLINICAL 128 - MINING 130 - INDUSTRIAL WASTEWATER 300 - UNCLASSIFIED WASTEWATER 305 - DOMES TIC WASTEWATER 315 - REJECT WATER 320 - COOLING WATER 320 - COOLING WATER COTHER OTHER OTHER	
WASTE	TONS	TONS	SNOT	TONS	TONS	TONS	TONS	TONS		SOLIDS, NON-HAZARDOUS 100 - UNCLASS, SOLID, NON-HAZA 110 - RESIDENTIAL 111 - COMMERCIAL 1120 - HOSPITAL/CLINICAL 1120 - HOSPITAL 1120 - HOSP	
WASTE	26,781.32	152.56	53,271.68	741.09	37.57	0.00			80,984.22		
WASTE	110	115	130	200	220	230			TOTAL	WASTE CODES:	

REPORTING MONTH APRIL 2006

TRAIL RIDGE LANDFILL 1.D. # 16/00033628

GMS42

FACILITY 11/09/87

Baldwin, FL 32234-3608 Ph. 904/289-9100 5110 US Hwy 301 South

SOLID WASTE QUANTITY TRACKING

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

FACILITY 11/09/87

REPORTING MONTH: MAY 2006

																															copied for clarification	5/24/94: DEP FORM
																		S2														
										CFT - CUBIC FOOT	CMT - CUBIC METER	CYD - CUBIC YARD	GAL - GALLON	KGM - KILOGRAM	LBS - POUNDS	LTR - LITER	TON - TON	MGL - MILLION GALLONS														
001										WASTE UNIT:																						
Pn: 904/289-9100										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		900 - UNCI ASSIFIED 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
COMMENTS/ADDITIONAL INFORMATION										SOLIDS, NON-HAZARDOUS	100 - UNCLASS, SOLID, NON-HAZARDOUS	TURAL	JAL TAL	SIAL	/CLINICAL		AL	NSH/TRASH		WASTEWATER	300 - UNCLASSIFIED WASTEWATER 305 - DOMESTIC WASTEWATER	310 - INDUSTRIAL WASTEWATER	VATER	WATER		UNKNOWN TYPE OF WASTE	800 - UNKNOWN TYPE OF WASTE		α	999 - OTHER - USE COMMENTS		
WASTE	TONS	TONS	TONS	TONS	TONS	TONS	SNOT	TONS		SOLIDS,	100 - UNCLASS,	105 - AGRICULTURAL	110 - RESIDENTIAL	115 - COMMERCIAL	120 - HOSPITAL/CLINICAL	125 - MINING	130 - INDUSTRIAL	135 - YARD TRASH/TRASH		WASTE	300 - UNCLASSI 305 - DOMESTIC	310 - INDUSTRI/	315 - REJECT WATER	320 - COOLING WATER		UNKNOWN TY	800 - UNKNOWA		OTHER	999 - ОТНЕR - С		
WASTE	29,363.72	128.66	64,400.34	822.12	26.67	0.00			94,741.49	•										•	- 7		•	•		'			•			
WASTE CODE	110	115	130	200	220	230			TOTAL	WASTE CODES:																ţ	•	*				

SOLID WASTE QUANTITY TRACKING	TRAIL RIDGE LANDFILL 1.D. # 16/00033628

5110 US Hwy 301 South Baldwin, FL 32234-3608 Ph. 904/289-9100

REPORTING MONTH: JUNE 2006

COMMENTS/ADDITIONAL INFORMATION

WASTE UNIT

WASTE AMOUNT

WASTE CODE

FACILITY 11/09/87 GMS42

110

115

130

200

220

230

MGL - MILLION GALLONS CMT - CUBIC METER CYD - CUBIC YARD CFT - CUBIC FOOT KGM - KILOGRAM LBS - POUNDS GAL - GALLON LTR - LITER TON - TON WASTE UNIT: 225 - DOMESTIC WASTEWATER TREATMENT 900 - UNCLASSIFIED HAZARDOUS WASTE 205 - WATER TREATMENT/LIME SOFTEN 915 - HEAVY METAL SOLUTIONS 220 - INDUSTRIAL/COMMERCIAL 200 - UNCLASSIFIED SLUDGES 920 - INORGANIC CHEMICALS 230 - INCINERATOR RESIDUE 925 - ORGANIC CHEMICALS 295 - HAZARDOUS SLUDGE HAZARDOUS WASTE 905 - CAUSTIC AND ACID 215 - AIR SCRUBBER 910 - EXPLOSIVES 235 - ION RESIDUE 210 - SEPTIC TANK 100 - UNCLASS, SOLID, NON-HAZARDOUS 300 - UNCLASSIFIED WASTEWATER SOLIDS, NON-HAZARDOUS 310 - INDUSTRIAL WASTEWATER 305 - DOMESTIC WASTEWATER UNKNOWN TYPE OF WASTE 135 - YARD TRASH/TRASH 120 - HOSPITAL/CLINICAL WASTEWATER 320 - COOLING WATER 315 - REJECT WATER 105 - AGRICULTURAL 115 - COMMERCIAL 110 - RESIDENTIAL 130 - INDUSTRIAL 125 - MINING TONS TONS TONS TONS TONS TONS TONS TONS 75.43 0.00 42.22 596.42 29,187.14 66,877.13 96,778.35

WASTE CODES:

TOTAL

930 - ORGANIC SOLVENTS AND OILS

800 - UNKNOWN TYPE OF WASTE

999 - OTHER - USE COMMENTS

OTHER

945 - PATHOLOGICAL/INFECTIOUS

940 - PESTICIDES/FUNGICIDES

935 - PAINT AND INK WASTE

950 - LOW-LEVEL RADIOACTIVE

955 - MINING



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,

Greg Mathes
Director of Landfill Operations

GM:lh Enclosures

cc: Brian Dolihite, w/o encl.

RECEIVED

JUL 12 2006

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

c:\documents and settings\lhair\rhy_documents\word_engineer06\wastetir_2nd_qtr06.doc



Department of Environmental Protection

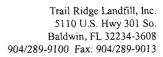
DEP Form # 62-701.900(21)
Waste Tire Processing Facility
Form Title Quarterly Report
Effective Date 3/22/00
DEP Application No.
(Filled in by DEP)

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.

uarter covered I	by this report	Second Qu	arter 2006	(First quarter	begins on Jan	uary 1 of any	given year)
1. Facility name	e: Trail Ridg	ge Landfill					
2. Facility maili	ng address:	5110 U.S. H	IGHWAY 301	SOUTH			
City: Baldw	<u>in</u>		County: _[Duval		Zip: <u>32234</u>	-3608
3. Facility perm	nit number: _C	013493-010-	sc				
4. Facility telep	hone number	(904) 289	-9100				
5. Authorized p	erson prepari	ng report:	Greg Mathes				
3. Affiliation wi	ith facility:	Director of L	andfill Opera	tions			
7. Telephone n	umber (if diffe	erent from abo	ove): ()			
3. Activity: Re							
	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
. Explain all in	od in which o			ntory exceed	ed the permitte	ed maximum f	or that
	ess inventory a tional sheets,		he quarter, st	ate how and	when this con	dition will be i	relieved.
Certification:	:)						
To the best o	of my knowledg	ge and belief, I c	ertify the inform	nation provided	in this report is	true, accurate,	and complete
				A 1	And the section is a section of section in		
Greg Mathe	es					July 1	10, 2006

Mail complete form to the appropriate district office





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.

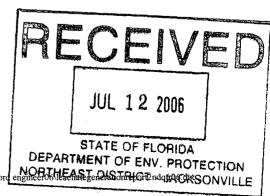
Sincerely,

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\wor

· · · · · · · · · · · · · · · · · · ·	Le	Tra achate/Raii	Trail Ridge Landfill Rainfall: Second Qเ	Trail Ridge Landfill Leachate/Rainfall: Second Quarter 200	2006	
				Total		
Month	Rainfall	Primary	Secondary	Produced	Transported	Recirculated
April	1.65	354,200	5,500	359,700	336,000	•
May	0.48	360,400	4,000	364,400	402,000	1
June	4.12	221,400	6,300	227,700	282,000	t
QTR. TOTAL	6.25	936,000	15,800	951,800	1,020,000	

į

Trail Ridge Landfill Leachate/Rainfall APRIL 2006

if over 4492 let Al know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported
4/1/06		· · · · · · · · · · · · · · · · · · ·	Gecondary		Transported
4/2/06		ERROR LINE		Figure 1 (1997)	Amilian Company
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				11 Gap (11 12 H)	48,000
4/9/06			Period of the second		
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				建 间	
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	1998 - 19				24,000
4/23/06	TO SECURE OF THE		10.4	Partition of State of	
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	And the second second second second
4/29/06			The state of the s		18,000
4/30/06		ed Laboration and the Commission of the Commissi			And the second s
				-	
TOTALS	1.65	3 54 ,200	5,500	359,700	336,000

Trail Ridge Landfill Leachate/Rainfall MAY 2006

if over 4492 let Al 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	767	· 一种工作的			
5/14/06	16 and 16 and				
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			a de la participa de la companya de La companya de la co	±	
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	to the second	and the second second		(ii) (iii) (iii) (iii)	The state of the s
5/28/06	i i i i i i i i i i i i i i i i i i i				
5/29/06	0.07	29,700	-	29,700	
5/30/06	0	9,600	_	9,600	12,000
5/3/1/06	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		-	<u>-</u>	
6/9/06	0	_		•	
6/10/06			Consider the Constitution of the Constitution	The state of the s	200
6/11/06			71.5		1.000 1.000
6/12/06	0.08	-	-	-	
6/13/06	3	Pumps off; broke	en line	-	
6/14/06	0.2	Pumps off; broke	en line	-	
6/15/06	0	Pumps off; broke	en 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			Tipo and a second		18,000
6/25/06	1.00 (Paris and
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



Department of **Environmental Protection**

file

leb Bush Governor

Northeast District 7825 Baymeadows Way, Suite B200 lacksonville, 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, Lelia Beach

Julia Boesch Solid Waste Section

'More Protection, Less Process'

Printed on recycled paper.



August 14, 2006

RECEIVED

AUG 1 5 2006

STATE OF FLORIDA

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;
- The 2006 Airspace Report; 2.
- 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

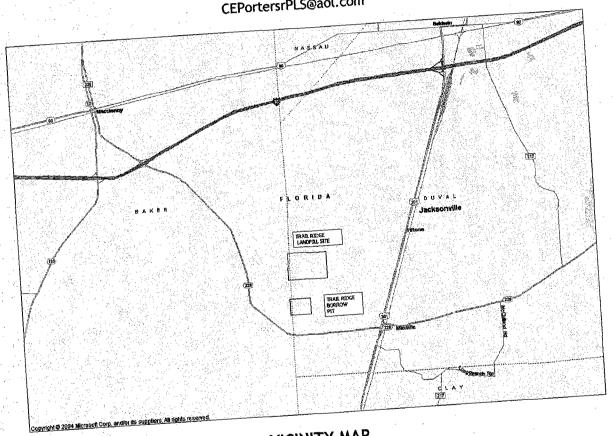
AB/ab

Enclosures

Linda Hair Cc 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

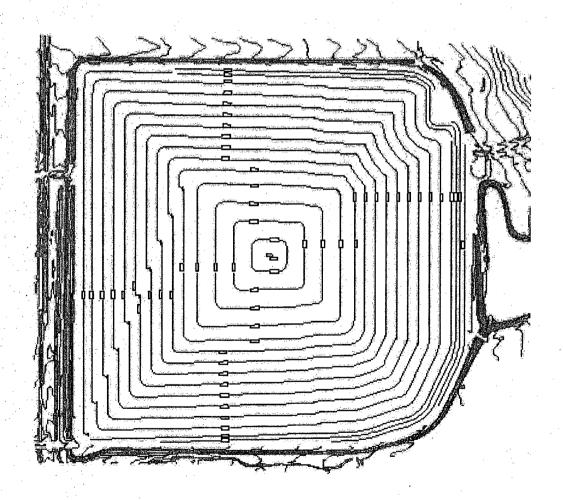
License Number LS 4257

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 RETWEEN 2005 TOPO, AND 2006 TOPO

2006 SITE DATA AND REPORT SUMMARY

·	· · · · · · · · · · · · · · · · · · ·	2006 SIII					_			AN			·	
	A B	C D	E		F	G	<u></u>	Н .	I		J	K	l L	M
1	Trail Ridge La	ndfill						_				Busine	ess Unit	2487
							///A					I E Soot	tion No.	00
2	-	State of the state	+ 1 1 1		W	A W	74.					LF Sec	uon No.	00
3					WA	STE MANAGI	EMIERI	J						
4	Site Data						Bus	sines	ss Uni	t No.			2487	
5	Site Name	Trail Ridge Landfill	Av. y						Unit No		T. 1832	Section No).	
$\frac{6}{7}$	Section Name Street Address	E44031 C Huss 20	<u> </u>	**************************************					e Name		L11A06 3-Mär-06		40.0	
8	City	5110 U.S. Hwy 30 Baldwin	l e				Prev	ious	ared: flvover o		Apr-05			
9	State (2-letter code)		ip 322	234 - 7			Curr	ent fly	yover da	ate: 8	Feb-06		100	
10	Group	Southern							ntractor		ir: Surve) gland, Thims 8			
11	Annual Precipitation, in.	53					Des	ign Pl	ans.		Janu, Tillio	I WEILOU		
<u> </u>		Title	Pho	one No	· 1			andfi	ill Clas	esific	ation	One	erating S	atus
13 14		MA Engineer	850-301-2	<u> </u>	4.02.50		F	andn			ation .	Ор		atus
15	Terri Garcia	SR. CAD Tech	713-328-						MS	N			Active	
16			3.3	J. 143			MSV					Active		X
17 18		* * ***					C&D		dustrial	Course.		Inactive	e in Progress	
19								ardou			ACCEPTANCE OF THE PARTY OF THE	PC under		
20		and the second s	And the second s							- Parol B				
21 22	Landfill Areas	(acres)		200		ver Date	200		over Da	ate 2		over Date lar-04		over Date
23		Area controlled by	WM	12.01.21	8-Fe	5.0 · 😯			pr-05 /5.0	eron (C)		.0.		or-03 .0 ** **
24	Permitted waste	footprint			154	1.0	216	15	54.0		· 114/17 - CA BRO ACK COM	.0%	A service door of Transaction and the A	.0
25		footprint (sum of al	l phases)	340		Mary Company of the State of th		SOLAND SOUTH	0.0		SANDA TERRETARE	.0	C TO WAR IN THE SAME OF THE PARTY OF THE CO.	0 🛴 🐫
26 27	Total waste foot Area with waste i		154 154		7	2742 Miles	54.0 54.0		CALL CONTRACTOR	.0 .	A W. F. L. L. Bright Salles	. 0 .0		
28				0.5		A Branch State of).0,*		A 100	.0	THE PARTY OF THE PARTY NAMED IN	.0		
29	Total lined area	- 16-892-2	154				4.0 🖫			.0):	Company of the Compan	.0		
30 31	Area filled to fina Total capped are	30.6	37 23				7.5 3.5			.0 - : - 0.		.0		
32		<u>a</u>	•		· · · · · · ·			- Marine	u.u	S 1 50		.0.	1	· Marche - Revision
		lan Canasidia	· (bass)	1		· .	1		·	$\overline{}$				
33	Permitted Des	capacity (waste & c		1253-504	102102	7,440		(22)01	27,440	NAMES DA	(* 14 S.V. 18 S.)	0 * * *		0.
35		mitted design modi	fications)			7,440						0 0 *** *** **	A COLUMN TO SERVICE STREET))
36			•											
37	Remaining Pe	rmitted Cana	city (bcy	Λ			Τ						T	
38		tted airspace (waste			¥10,718	3.295		11.65	53,360	7.00 (3)		0 % 4 4		O. 2. 154
39	Expansion airspa	ice	•	457	* C	100.00	(0)		O 🧦 🐇		7 3 0	0 👫 🔭 🦠) (12) (14)
40 41		airspace (waste & pace Utilization Fa)	10,718				53,360 85		Control of the second of the second of the	0 00	ST ST DAME 4591 - SACTOR) 00
41			CIUI		9,110	35 *: ,551			85 5,356			00	and the state of t	00 · · · · · · · · · · · · · · · · · ·
43	Expansion tonna	ge		3.0	C			48.04	0 - 6		(A.S.)	0 ; ; ;	3 1 1) - Paris
44	·	onnage (at current fl	yover date)	1465	9,110	,551		9,90	5,356	服料 统		0)
45										- 1			·	
	Remaining Co										•			
46		· ·			•		<u> </u>				4			
47 48		structed airspace (structed tonnage	waste & d.c	.)	10,71				53,360	発展 変 2000 ※		0 0	· ************************************)
49		uoteu toillaye	·	1994年		,398		JU	5,356	交流 章	11,784 V S 1285 E.			CHARLEST THE
	Soil Summary	(hex)		1			Τ_			.			<u> </u>	
50 51		ial available from e	veavation	\$2.56° \$200	€ % 0	ario var conse) - 3/34 0 00	14530 FS4	0 🐇 🐰		Dispulsion I	0) respective sur-
52		e from off-site borro		100	1,7100 1 100 101 1				0 0 · · · · ·		And the second second second second	0 0 34 4 3	THE PARTY OF THE P)
53	Material available	e from stockpiles			∑∗ √18	0 😬 🤼		- 32,	950 👈		1.00	0	\$17 PESS) 🛣 💮 🐇
54 55	Total Soil Availa Remaining final of				18 856,		100 The		, 950 ,490		Control No. Township Control	0 () 0 ()	Control of the Contro))
56						490			0 490		11 24 M 10 10 10 A 20 10 M	0 0	1 - 1 - 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 -)
57	Material required	for backfilling at ex	cavation		· - 0				0			0 4	- 4:20) : : :
58 59					0 20	0/.			0)%			0 * <u>* </u>	Transport Contraction Co. (1994)) %
60		red (excludes dail	y cover)			% 490	100 W		,490			%)	Comment of the Paris of the Par	%)
		,				The state of the state of the				- 10.5			10000000	

2006 SITE DATA AND REPORT SUMMARY

:									T					· · · · · · · · · · · · · · · · · · ·
	Α	B	C	D	Е	F	G	H over Date	I 2005 Elv	over Date	2004 Fb	L over Date	M	N over Date
2	Airspa	ce Co	nsumpti	on			8-Fe	b-06	4-A	pr-05		lar-04	3-Ar	or-03
3			n period (ton			·	861	,845),299	50000	0	50.22	0
5			sumed (cy) (w ned (cy) (was				1,019 935	9,105 .065	1,104	3,155 1.875		0 0		0
6	Final co	over consu	mption (cy)						32.00 to 2.00 to 7.00 to	OLICE MINISTER STATE				
8			ace at previou down betweer					,265)	180),265 0		<u>0</u>		- Marchael Lac No. 12 (24) - 1911 (2-b)
9	Final	cover in pl	ace at current	flyover	-		180	,265	180	,265		0		0
10 11			sumption (cy)					,150	60	I,150	Carlotte Association	<u> </u>	2000	n sa
12			between flyov			· • • • • • • • • • • • • • • • • • • •	621	, 130 D	02	0	2.0	0 0	4. (0
13	Liner	in place at	current flyove	er				,150	. 🗼 🦫 621	150	DE TOTAL	0. * . *	16 3 mm	0) 💸 🕬
14		·											,	
15	A.U.F.	<u>(opera</u>	tional)											
16 17			n factor (T/CY n factor (Lbs/0				0.	85	0	.87 733	. 0	00 · · ·	0. 4 (00 <u> </u>
18	7 tiropac	o dunzado	THACKOT (EDS/C				公金 Maria (154.4)		Account to 1.		STATE SPINE COMPUTER	**************************************	- Section of the Control of the Cont	T GOOG SHOOL AND THE CO
19	A.U.F.	(effect	live				<u> </u>		T		<u> </u>		<u> </u>	
20	Airspac	e utilizatio	n factor (T/CY				201	92: ** 5	J	96% !	0.	00 % 3.1%		00
<u>Ž</u>			n factor (Lbs/C				7,1,8	43 🖟 👫	##.77 1.	918		0 .	, (
22					•							<u>.</u>		
23			ction mo									•		
24 25			ce utilization fa ce utilization fa		^		0.0 1 C	96	1	.86 720	0.	00	0.	00
26	- Tromail	ing unspa	oc dunzadori ie	Otor (EDS/O			- Shadar-saranga S		Transmission and the		-52000000000000000000000000000000000000	Company of the Section	Designation Section (177)	To a Bullion of the Control of the C
	Tari Diduction delli													
27 28			led by WM PI							tiage L	anam			
20	,	CITO DIOVIC	To a management of control from the con-	ADDITIONAL	r -	Operational	Effective	Total	T	1				Life of Site
		FLYOVER DATE	ACTUAL TONNAGE DURING PERIOD	TONNAGE (PROJECTIONS	Date of Survey	Consumed Volume	Consumed Volume	in-Place Volume	Waste Received in	Total In-Place Tonnage	Operational AUF (T/cy)	Annual Effective AUF	Cumulative AUF (T/cy)	AUF Goal
30	JAN			ONLY)		(cu.yd.)	(çu.yd.)	(cu.yd.) 921,188	Period (tons) 547,516		0.59	(T/cy) 0.59	0.59	(Rate Pack)
	FEB	-	2.2	· •	3/23/1999 1/21/2000	921,188 847,337	921,188 847,337	1,768,525	606,272		0.38	0.59	0.65	0.85
			11011		3/15/2002	2,757,648	2,757,648	4,526,173	1,771,910		0.64	0.64	0.65	0.85
	APR MAY	4/4/05	73,857 84,048		4/3/2003 3/28/2004	1,248,460 1,105,647	1,248,460 1,105,647	5,774,633 6,880,280	899,759 915,139		0.72 0.83	0.72 0.83	0.66 0.69	0.85 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
	JULY AUG		#84,989 96,225		2/8/2006	1,019,105	935,065	8,857,220	861,845	6,601,740	0.85	0.92	0.75	0.85
38	SEPT		84,896						Histori	ical AUF				
	OCT NOV	•	79,308 79,655	-	1.10						•		:	
		-	82,242		1.00	ļ								
42	JAN	2/6/65	9.86,011 ·										- O	
	FEB MAR	2/8/06	21,702		0,90						:	A statement		
45	APR	•	12 20 %	· · · · - · · · · · · · · · · · · · · ·	tons/cubic yard		A		. A		4			
46	MAY JUNE	•		-	oign		•				O THE STREET			
48	JULY	-	14742163	<u></u>	0.70 يُو	1	<u> </u>			- Carrie Car		_		
			7.		. 0.60	- A SAME			*					
50	SEPT OCT	-	38.8	· · · · ·	0.00			-	Operationa	I AUF (T/cy)				
52	NOV	-			0.50				Cumulative — Cumulative		cv)	·		
53	DEC TOTAL TO	NS:	861,845	· " •	2 42					AUF Goal (Ra				
55.			200 0013040		0.40 Ja	n-99	Jan-00	Jan-01	Jan-02	Jan-0	13 Ja	n-04	Jan-05	Jan-06
56			·		· · · · · · · · · · · · · · · · · · ·			- 						
57	Comm								-					
58 59	1. Final cov			COL SI ODO	LAVED									
60	z. Liner tric	MICSS: 2.5	ft.; 6" CLAY, 0	30L, 2 UPS	LATEK	•								
61					-		-						•	
62 63	7,11	e e	, .											
64	2		•			4								
65	L									**				

AUF Prediction Model

Landfill Name

District No.

Engineer

Date Completed

Trail Ridge Lan	dfill
9	
?	
?	

auto input
Input cells
Output cells
no data required

<u>FINPUT</u>

Landfill Information Input

Average annual precipitation, in.

Leachate recirculation? No = 1, Yes = 2

Waste Stream Composition, %

MSW

C&D

Sludge

Contaminated Soil / foundry sand

Other waste

Cover soil ratio, %

Remaining Airspace Input

Remaining Airspace, bank cubic yards

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

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

Existing Landfill AUF Input

AUF from initial compaction (tons/bcy)

from rate workbook or climate map from site engineer

*****			*****	
			*****	*****

*****			*****	
33333		33.4° ki	****	

			****	*****
****			****	

***	900000	*****		
****				******

See
Instruction
Sheet for Rate
Workbook
Locations for
Input
Information

10,718,295	from air report
116.5	from air report
- 5	from rate workhook or site end

3 year average of operational AUF

AUF after Primary Settlement, tons/bcy

ent, tons/bcy 0.90

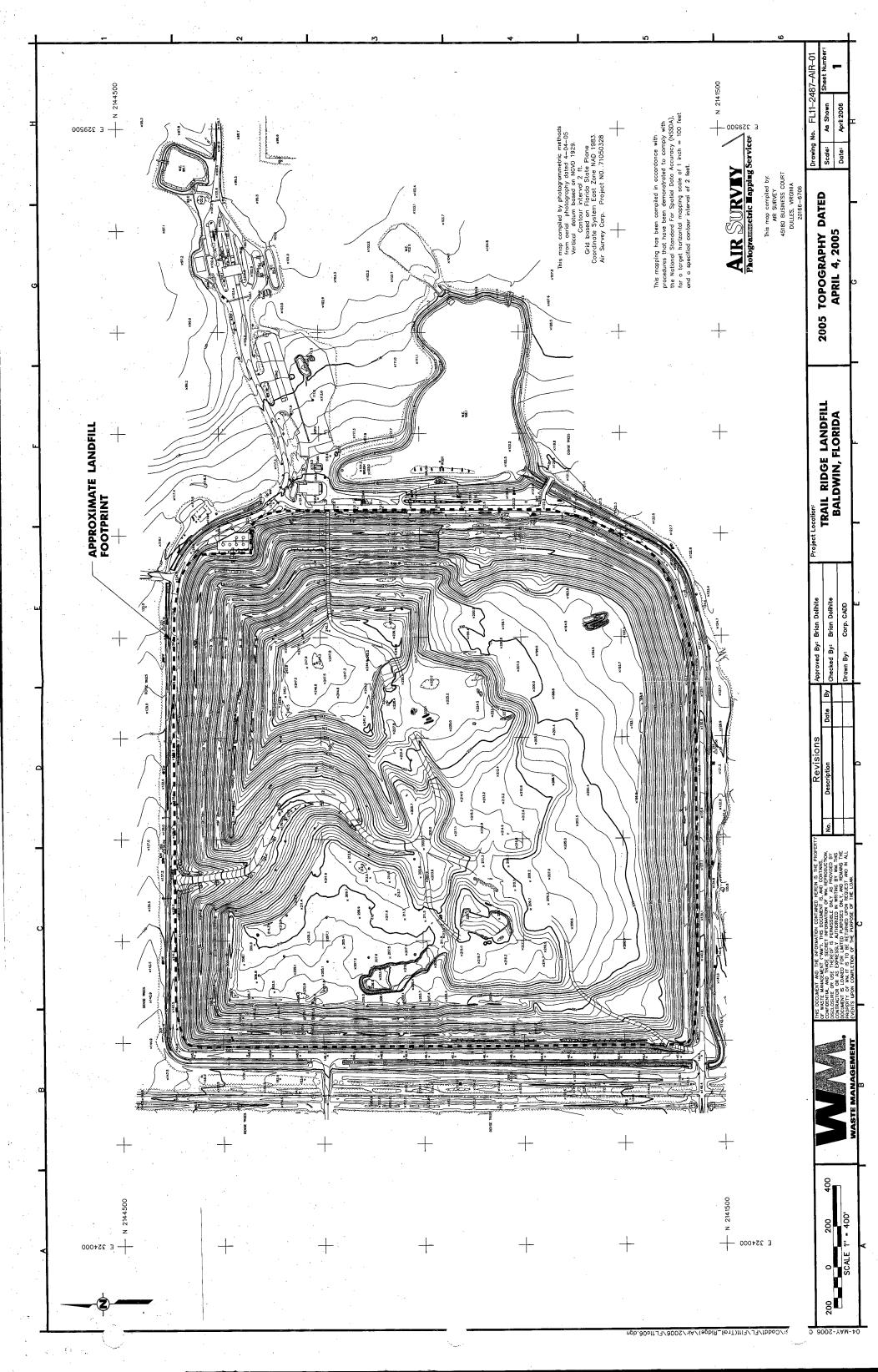
Secondary Settlement AUF Increase, %

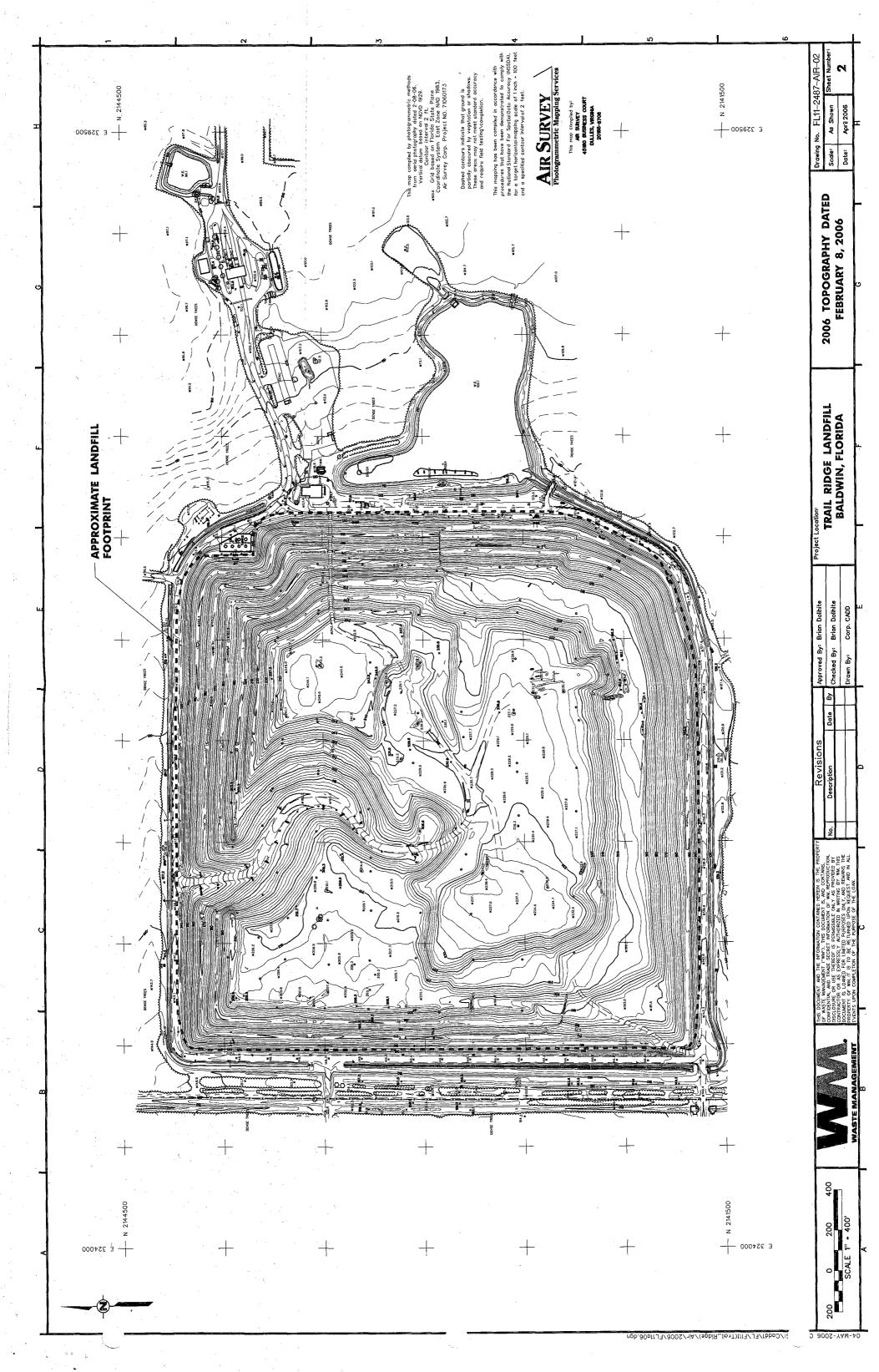
7.5

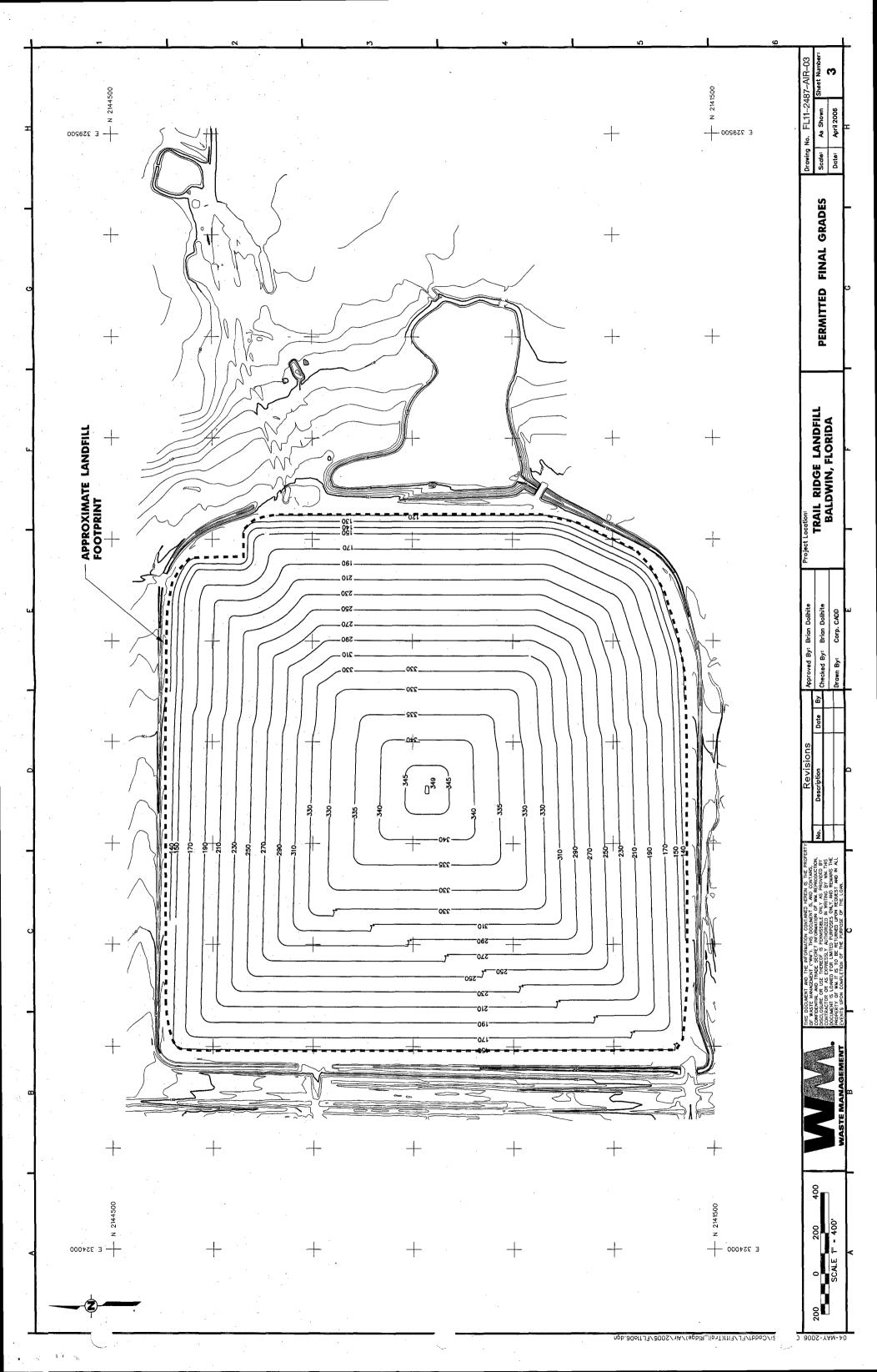
Predicted Remaining AUF

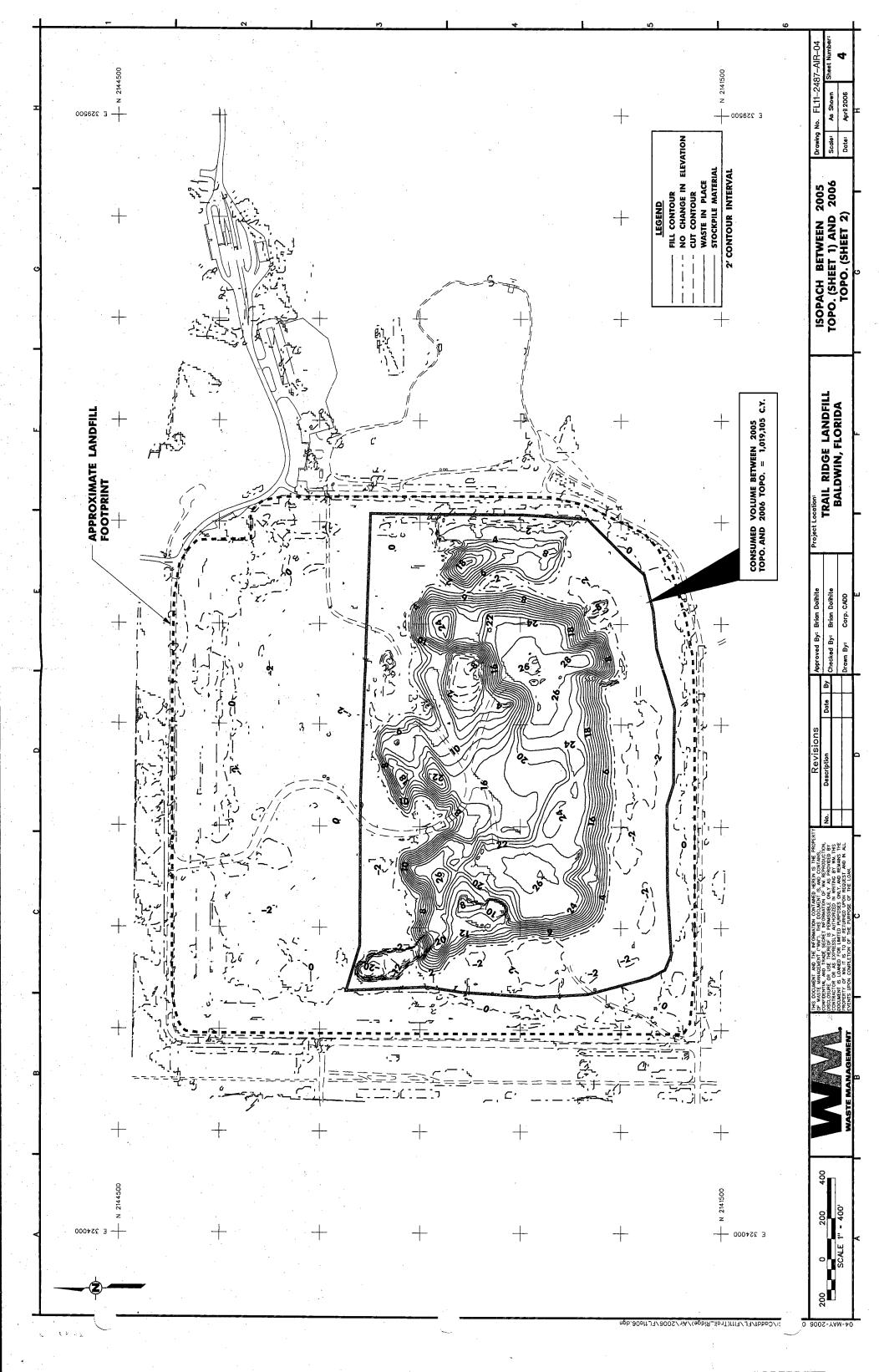
0.96

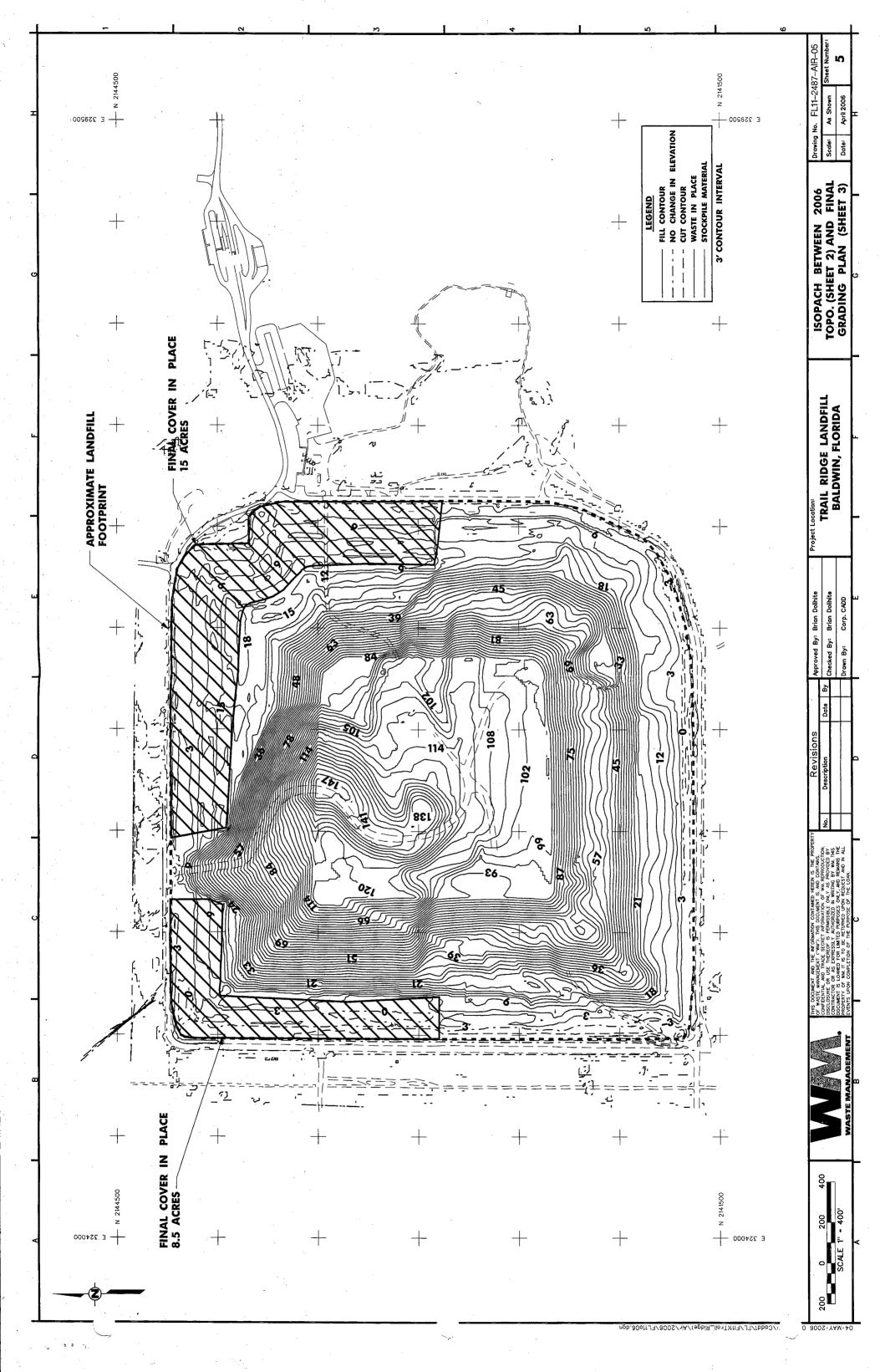
0.81

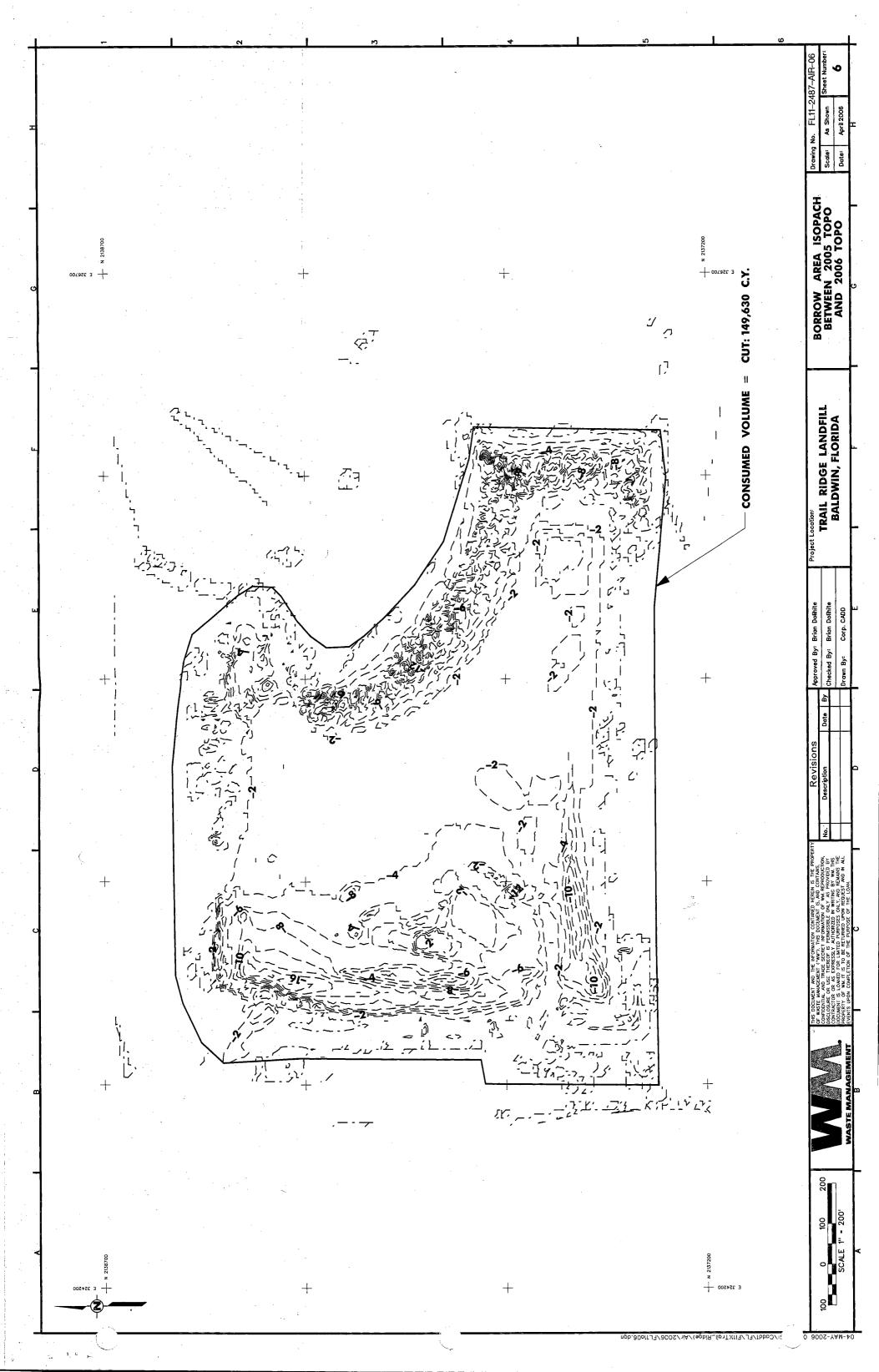












ENGINEERS • PLANNERS • SURVEYORS • GIS • LANDSCAPE ARCHITECTS

DUVA

Douglas C. Miller, P.E., CEO N. Hugh Mathews, P.E., President Joseph A. Tarver, Exec., V.P.

Principals

June 27, 2006

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

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 medication to increase the maximum daily tonnage from 5000 tons to 7000 tons

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

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 preapplication meeting with you, to discuss the application and information needed for the

Sincerely,

ENGLAND, THIMS & MILLER, INC.

Copy to: Greg Mathes

permit application package.

Juanitta Clem, ETM

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

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



June 27, 2006

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

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 medication 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 preapplication 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 preapplication meeting. Your assistance is greatly appreciated.

Sincerely,

ENGLAND, THIMS & MILLER, INC.

Francis Dayao, P. Project Engineer

Copy to: Greg Mathes

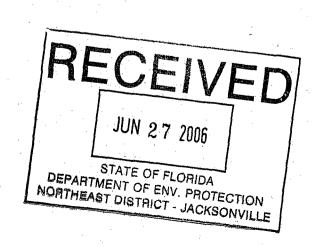
Juanitta Clem, ETM

Principals

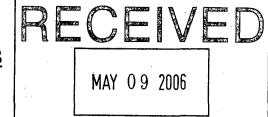
Douglas C. Miller, P.E., CEO N. Hugh Mathews, P.E., President Joseph A. Tarver, Exec., V.P. Juanitta Bader Clem, P.E., V.P. Scott A. Wild, P.E., PSM, V.P. Samuel R. Crissinger, CFO, V.P. Robert A. Mizell, Jr., P.E., V.P. Thomas N. Fallin, P.E., V.P.

Emeritus

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



TRAIL RIDGE LANDFILL SITE LIFE CALCULATIONS 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:

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

Remaining Site Life:

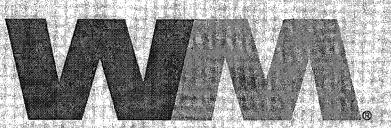
Remaining Site Life = Remaining Airspace x Average Waste Density

Annual Tonnage

= 10,718,295 CY x 0.75 tons/CY = 7.67 years 1,048,578 tons per year

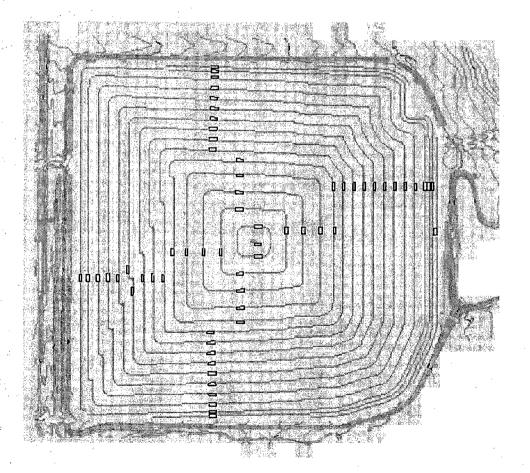
Note: Site Life Calculations are based on annual tonnage receipts and cumulative density measured to date; Future changes in the actual waste receipts and average waste density will affect Remaining Site Life.

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



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	НІ	J	K	·L	M
1	Trail Ridge Landfill				Busine	ss Unit	2487
		NA.			LF Secti	ion No	00
2		WASTE MANAGE	MENT		Li Occu	OII 110.	00
3							
	Site Data		Business Unit N			2487	-
	Site Name Trail Ridge Landfill Section Name		Operating Unit No. CADD File Name:	FL11A06	Section No.		
7	Street Address 5110 U.S. Hwy 301		Date prepared:	13-Mar-06			
8	City Baldwin State (2-letter code) FL Zip 32234		Previous flyover date Current flyover date:	4-Apr-05 8-Feb-06			
10	Group Southern		Aerial Contractor:	Air Survey			
11	Annual Precipitation, in. 53		Design Plans:	England, Thims &	Miller		
	Prepared By: Title Phone	No	Landfill Classif	iontion	000	rating Ct	otuo
13	Brian Dolihite MA Engineer 850-301-282			ICALIOII	Ope	rating St	atus
15	Terri Garcia SR. CAD Tech. 713-328-733		MSW			Active	
16 17			MSW	х	Active		Х
18			C&D Special/Industrial	250	Inactive Exit Closure	in Progress	-
19			Hazardous		PC under		
20 21		2006 Flyover Date	2005 Flyover Date	2004 Else	over Date	2003 Ehr	over Date
22	Landfill Areas (acres)	8-Feb-06	4-Apr-05		ar-04		or-03
23 24	Total Property Area controlled by WM Permitted waste footprint	975.0	975.0 154.0	COLUMN TANAMATAN	. 0 .0		.0
25	Expansion waste footprint (sum of all phases)	154.0 0.0	0.0		.0	V. V	.0
26	Total waste footprint	154.0	154.0	2000-0-100000000000000	:0		.0
27 28	Area with waste in place Remaining area without waste in place	154.0 0.0	154.0 0.0	\$100,000 DO \$100,000 PARTY (\$100,000)	.0 .0	· · · · · · · · · · · · · · · · · · ·	.0
29	Total lined area	154.0	154.0	0	.0	0	.0
30 31	Area filled to final waste elevation Total capped area	37.5 23.5	37.5 23.5		0		.0 .0
32	, rotal capped trea	20.0	23.3				,u
33	Permitted Design Capacities (bcy)		I	1		·	
34	Permitted design capacity (waste & daily cover)	23,927,440	23,927,440		0		Ō
35	Adjustments (permitted design modifications)	0	0		0		0.
36							
37.	Remaining Permitted Capacity (bcy)						
38 39	Remaining permitted airspace (waste & daily cover) Expansion airspace	10,718,295 0	11,653,360		0	1000000 4000000000000000000000000000000	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	1000-000-000-000-000-000-000-000-000-00	00		00
42	Remaining permitted tonnage Expansion tonnage	9,110,551 0	9,905,356 0		0		0
44	Total remaining tonnage (at current flyover date)	9,110,551	9,905,356	5-3000000 VAN 31 VIII	0		Ŏ
45	<u> </u>						
	Remaining Constructed Capacity						
46	Above Current Lined Areas (bcy)						
47	Remaining constructed airspace (waste & d.c.)	10,718,115	11,653,360 9,905,356		0 0		
49	Remaining constructed tonnage	9,110,398	3,303,300	l	v		<i>)</i>
1	Soil Summary (bcy)				· · · · · · · · · · · · · · · · · · ·		
50	Remaining material available from excavation	0	0		0		0
52	Material available from off-site borrow areas	0	0		0		0
53 54	Material available from stockpiles Total Soil Available	180 ⁴	32,950 32,950	4	0 0		0
55	Remaining final cover material	856,490	856,490	- 665-044600000000000000000000000000000000	0		0
56	Remaining liner material	0	0	2000 0000000000000000000000000000000000	0		0
57 58	Material required for backfilling at excavation Remaining perimeter berm	0	0	A CONTROL OF A PARTICULAR AND A SAN AND A	0 0	Cardon Control	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	В	C	D	Е	F	G	H ·	I 2005 5h	J Data	K 2004 Five	L Data	M 2003 Fh	N Data
$\frac{1}{2}$	- Ai	irspac	ce Cor	sumption	on '			2006 Flyd 8-Fe		2005 Flyd 4-Ar	over Date or-05	2004 Flyover Date 2003 Flyover Date 28-Mar-04 3-Apr-03			
3				period (tons				861,		999				(
5	_			umed (cy) (w ed (cy) (wast				1;019 935		1,150	1,155 1,875)	(
6				nption (cy)	o a daily co	voi/		000		1,03	,,0,,0		•	•	
8				ace at previou				180			265			0	
9				own between				180.) 265) 265)	(
10		Liner ma	aterial cons	sumption (cy)											
11				previous flyov				621	***************************************	621		- 1	*****)) (1
13								621		621	.		3)
14															
15	A.	.U.F. (opera	tional)											
16		Airspace	utilization	factor (T/CY)	· · · · · · · · · · · · · · · · · · ·			0.	35	0.	87	0.	00	0.	00
17	_	Airspace	utilization	factor (Lbs/C	(Y)			1,6	91	1,7	33)	(
18	_														
19	Α.	.U.F. (<u>effect</u>	ive)											
20 21	4			factor (T/CY)			-		92	. 0.			00		00:33
22	-	Airspace	s utilization	Tactor (LDS/C	T).	1,		1,8	43	1,5)18	į į	J .	()
-		115	(m m c = 1 °	-41-x	d = 1\		1			1		· · · · · · · · · · · · · · · · · · ·		ſ	
23	Α.	.U.F.	preal	ction mo	del)				20.00	_	00		00		0.0
25				e utilization fa)		1,9	96 29	0. 1.7		0.		/**************************************	00
26					· · · · · · · · · · · · · · · · · · ·	<u> </u>									
27	To	onnac	ne and	Site Life	Δ					Trail F	l anhiS	andfill		······································	
28	-			led by WM P				Trail Ridge Landfill							
129	Ή	1,			ADDITIONAL		Operational	Effective	Total						
		.	FLYOVER DATE	ACTUAL TONNAGE DURING	TONNAGE (PROJECTIONS	Date of Survey	Consumed Volume	Consumed Volume	In-Place Volume	Waste Received in	Total in-Place Tonnage	Operational AUF (T/cy)	Annual Effective AUF	Cumulative AUF (T/cy)	Life of Site AUF Goal
29		<u>, </u>		PERIOD	ONLY		(cu.yd.)	(cu.yd.)	(cu.yd.)	Period (tons)			(T/cy)	1.45	(Rate Pack)
	JAN		-		-	3/23/1999 1/21/2000	921,188 847,337	921,188 847,337	921,188 1,768,525		547,516 1,153,788			0.59 0.65	0.85 0.85
32	MA	R	-	-	-	3/15/2002	2,757,648	2,757,648	4,526,173		2,925,698	0.72	0.72	0.65	0.85
	API MA		4/4/05	73,857 84,048	-	4/3/2003	1,248,460	1,248,460	5,774,633		3,825,457	0.72		0.66	0.85
33	JUN	NE I		88,913	-	3/28/2004 4/4/2005	1,105,647 1,153,155	1,105,647 1,041,875	6,880,280 7,922,155		4,740,596 5,739,895				0.85 0.85
36	JUL	LY		84,989		2/8/2006	1,019,105	935,065	8,857,220		6,601,740			0.75	0.85
	AUG		<u> </u>	96,225 84,896						Histori	cal AUF				
39	OC.	T		79,308	-	1.10	·			rnaton					
	NO.	V	-	79,655											
41	DEC			82,242 86,011		1.00								. A	
43	FEE	В	2/8/06	21,702	÷	0.90									
	MA		-	•	-	2 0 80	Δ	<u> </u>		<u> </u>	******************	<u> </u>			-0
	API MA		-	-	-	0.80						All Park			
47	JUN	NE	•	3-	-	9,70		O	•			an O statement of the			
	JUL			-	+ 1	tons/cubic	, all the		A Section of the Sect	and the second s	THE PARTY OF THE P				
	SEF			-	-	0.60				- 6			·		
51	OCT	Τ		-	•					Operationa					
	NO'			-	- 1883 	0.50			***	Cumulative Annual Effe	ctive AUF (T/				
54	-	TAL TON		861,845	(2) (2) (4 . 7 (3) (4.6 (4.6 (4.6 (4.6 (4.6 (4.6 (4.6 (4.6	0.40				Life of Site	AUF Goal (Ra	te Pack)			
55						1	n-99	Jan-00	Jan-01	Jan-02	Jan-0)3 Ja	n-04	Jan-05	Jan-06
56															
57		omme													
58 59	_		r thicknes	s: 4 ft. ft.; 6" CLAY, (פמר זי טפפ	LAVED		·							
60	71	anior uncl	ess. 2.3	IL, O CLAT, C	30L, 2 UPS.	LAIER									
61 62 63		•					e.								
62	Н				•						•				
64	ŀ 		*									*			
65	1_				 					·				· .	

AUF Prediction Model

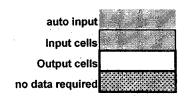
Landfill Name

District No.

Engineer

Date Completed

	T	rail F	lidge	Land	ıfill -
		7			
		7			
		7			



See

Instruction

Sheet for Rate

Workbook

Locations for

Input Information

Landfill Information Input

Average annual precipitation, in.

Leachate recirculation? No = 1, Yes = 2

Waste Stream Composition, %

MSW

C&D

Sludge

Contaminated Soil / foundry sand

Other waste

Cover soil ratio, %

Remaining Airspace Input

Remaining Airspace, bank cubic yards

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

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

AUF from initial compaction (tons/bcy)

10,718,295	from	air	report				
116.5	from	air	report				
	from	raf	a work	hook o	r eita	engina	امد

from site engineer

from rate workbook or climate map

Existing Landfill AUF Input

3 year average of operational AUF

OUTPUT

AUF after Primary Settlement, tons/bcy

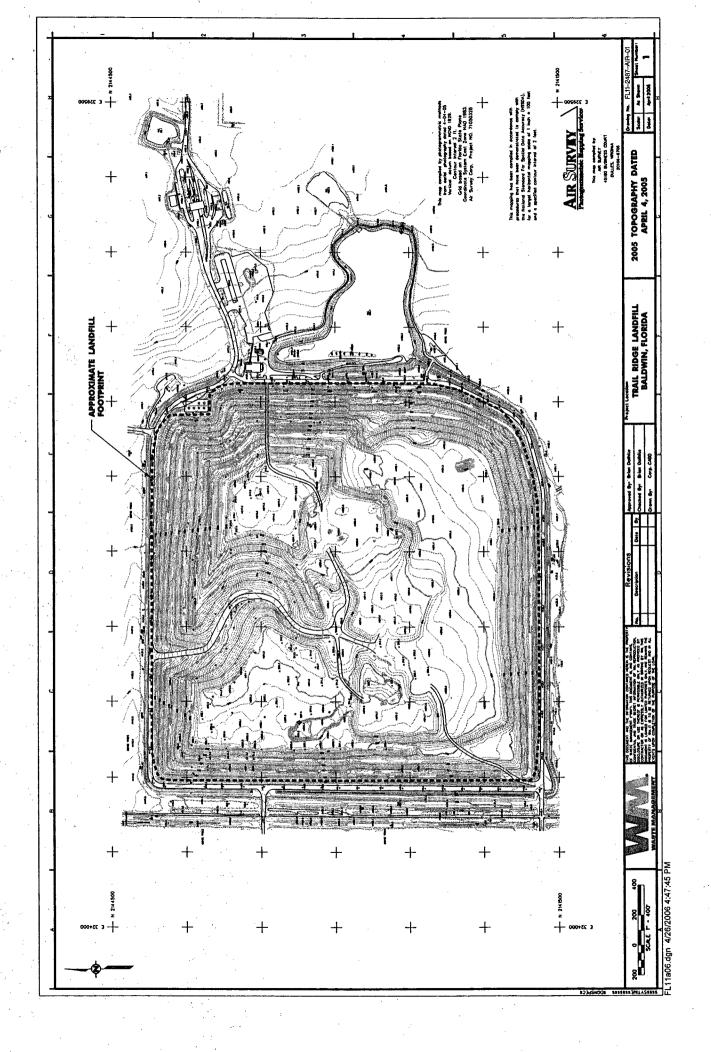
Secondary Settlement AUF Increase, %

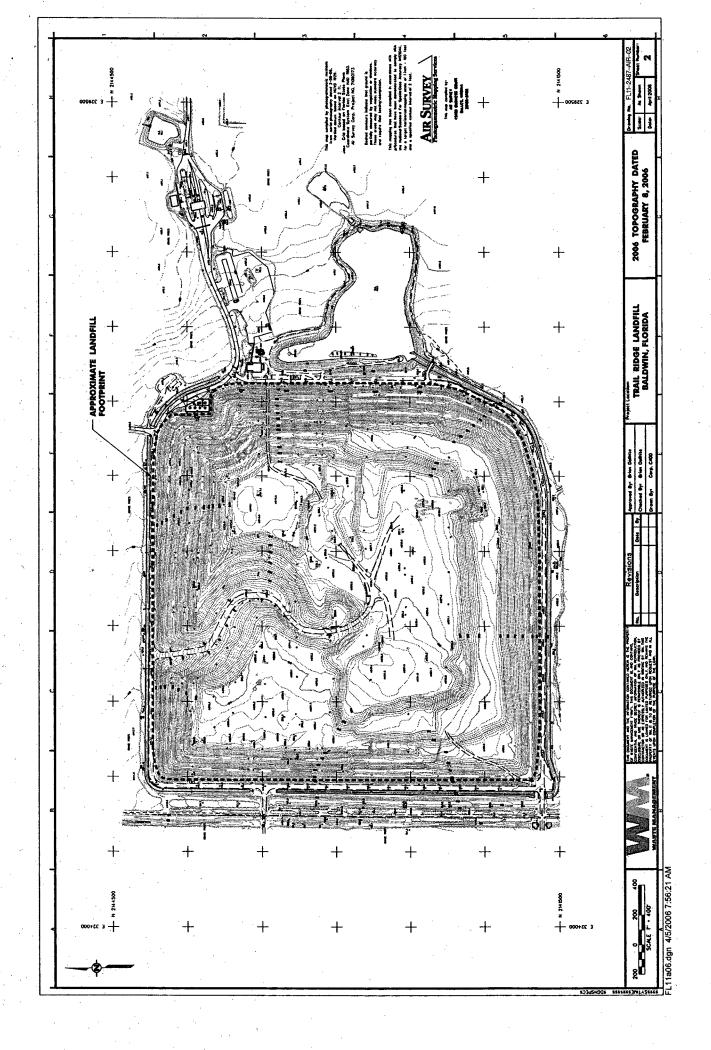
Predicted Remaining AUF

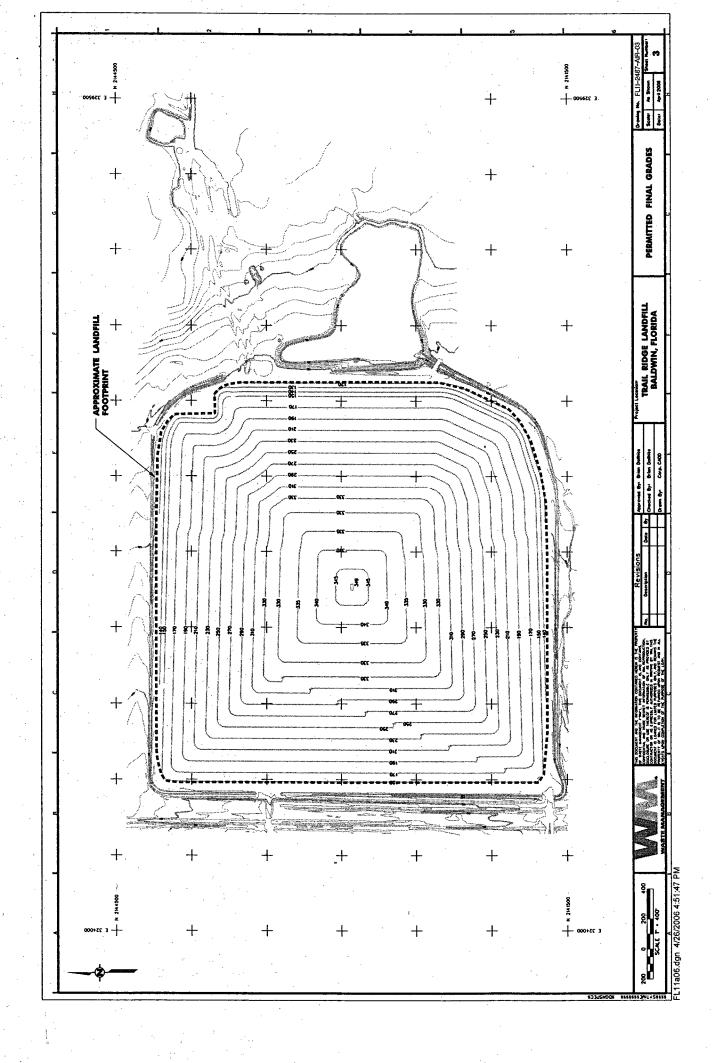
0.90

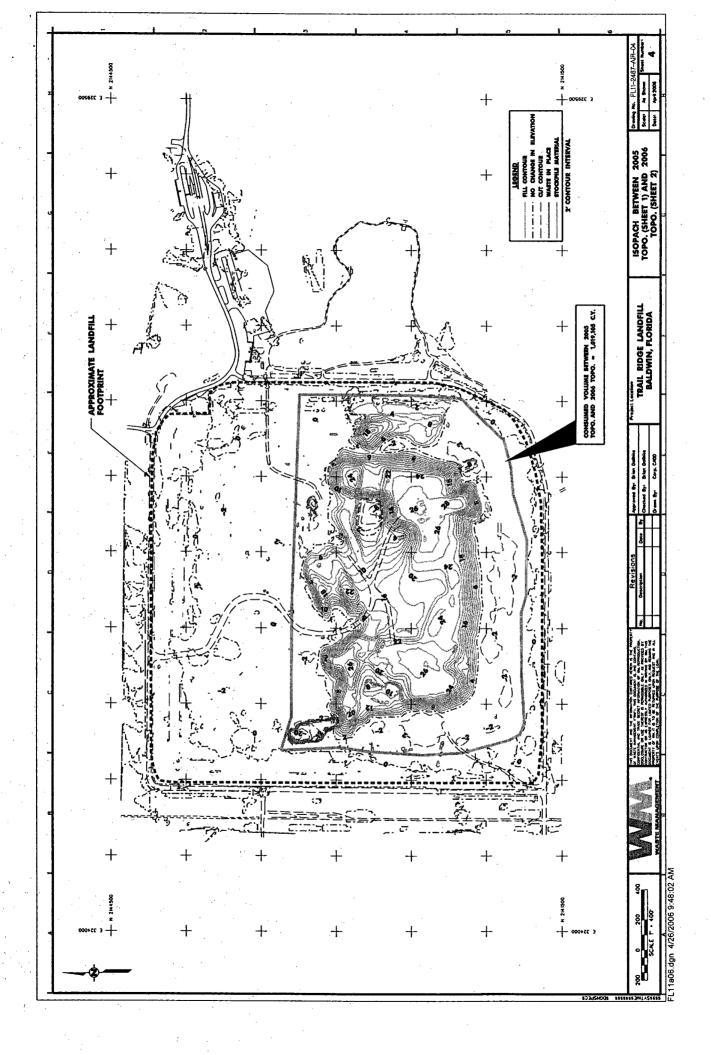
7.5

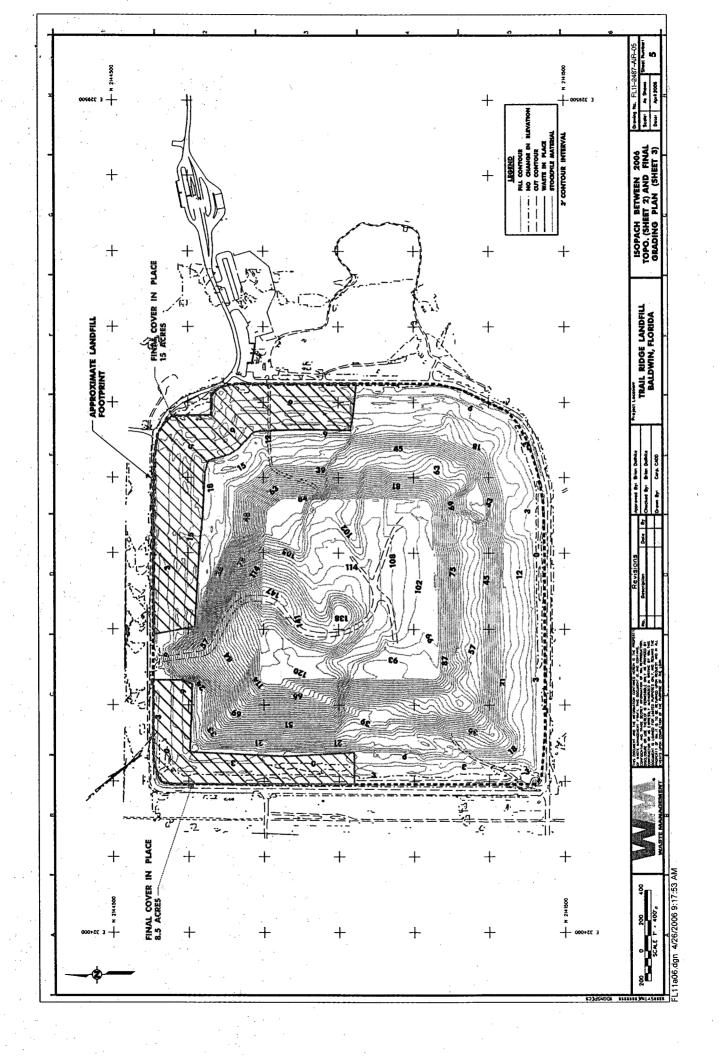
0.96

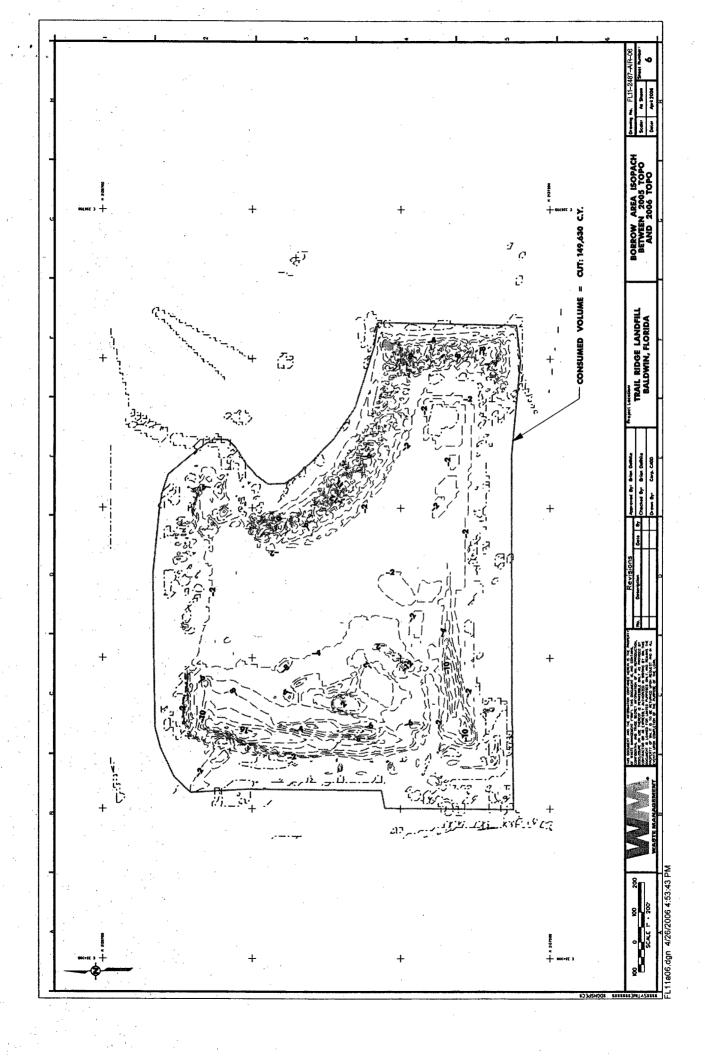
















May 8, 2006

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.

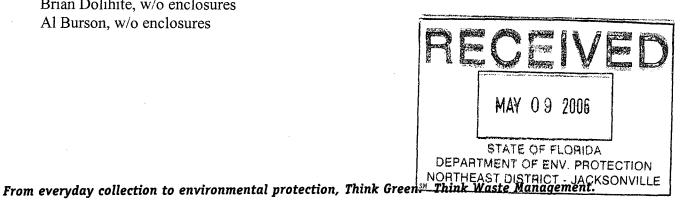
Greg Mathes

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

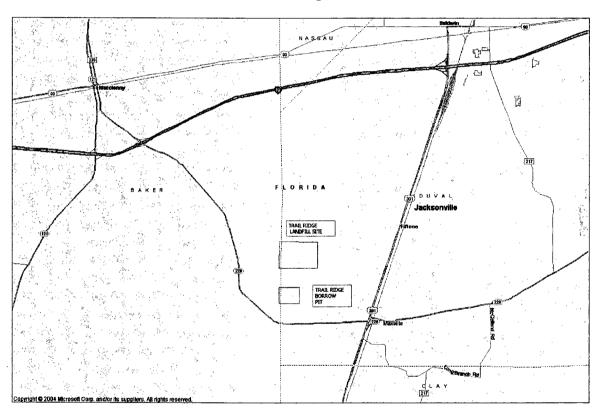
MAY 0 9 2006

STATE OF FLORIDA

NORTHEAST DISTRICT - JACKSONVILLE

CHARLES E. PORTER STATE OF FLORIDA
PROFESSIONAL SURVEYOR AND MAPPER NO. 4257 EPARTMENT OF ENV. PROTECTION

26102 Nimbleton Square Chantilly, Virginia 20152 703-200-2240 CEPortersrPLS@aol.com



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 Supreyor and Mapper

License Number L\$ 4257

Seal



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 reqarding this information please contact me at 387-8837, ext. 263.

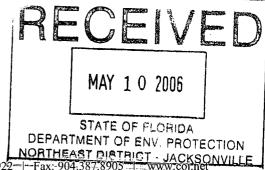
Sincerely,

Zora Coleman

Solid Waste Specialist

Cc: L. Chris Pearson

Greg Radlinski, Office of General Counsel



Solid Waste Division

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

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,

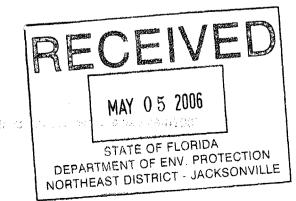
Greg Mathes

Director of Landfill Operations

GM:lh Attachment

cc: Chris Pearson w/attachments Brian Dolihite

Ser saudy,



c:\documents and settings\lhair\my documents\word engineer06\mn gas 2nd qtr 06.doc



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

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,

Greg Mathes

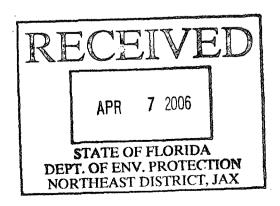
Director of Landfill Operations

GM:lh

Encl.

cc: Chris Pearson w/encl.

Brian Dolihite, w/o encl.



	- -	Tra .eachate/Ra	Trail Ridge Landfill /Rainfall: First Qua	Trail Ridge Landfill Leachate/Rainfall: First Quarter 2006	006	
				Total		
Month	Rainfall	Primary	Secondary	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	1
March	0.32	312,100	4,900	317,000	360,000	-
QTR. TOTAL	6.93	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

_	Rainfall	Leachate	Leachate	Total Leachate	Gallons Leachate	Gallons Leachate
Date	Inches	Primary	Secondary	Produced	Transported	Recirculated
1/1/06	才上海 有 生产					
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	THE COUNTY TO THE STATE OF THE
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 or	n Friday 1/13/06 -	Bobby off	-	24,000	
1/14/06			有手入身直角			
* * 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				一里是有了		
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 Al know

	Rainfall	Leachate	Leachate	Total Leachate	Gallons Leachate	Gallons Leachate
Date	Inches	Primary	Secondary	Produced	Transported	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					ALCOHOL MANAGEMENT	
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		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
2/12/06	* 1 * * * * *			的 中国 第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十		4.5 Table
2/13/06	0.11	30,800	700	31,500	48,000	
2/14/06	0	14,700	-	14,700	48,000	<u> </u>
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				产工作 建二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	未产生的	
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	The same of the sa	18,500	_	18,500	18,000	
· · · 2/25/06		Gradus de la companya		Britain Britain Britain Britain		
2/26/06		part in the part of	An Artist Anna Anna			
2/27/06	0	32,600	-	32,600		
2/28/06	0	17,800	-	17,800	24,000	
				<u>-</u>		
				-		
TOTALS	3.60	388,100	6,200	394,300	414,000	

Trail Ridge Landfill Leachate/Rainfall MARCH 2006

if over 4492 let Al know

Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated
3/1/06	NO REPORT	FOR WED. 3/1/0	06	-		12,000
3/2/06	0	21,000	700	21,700		6,000
3/3/06	NO REPORT	FOR FRIDAY 3/3	3/06	-		
3/4/06		生物子生素:				
3/5/06						
3/6/06	0	36,700		36,700		
3/7/06	NO REPORT	FOR TUES. 3/7/	06	<u>-</u>		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				4 4 4 5 6 6 7		
3/12/06						
3/13/06	0	25,100	2,100	27,200		30,000
3/14/06	NO REPORT	FOR TUES 3/14	1/06			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				7.5		
3/27/06	0	28,200	<u>-</u>	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

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,

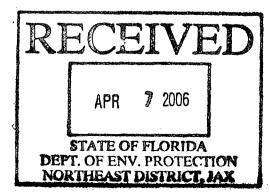
Greq Mathes

Director of Landfill Operations

GM:Ih Encl.

CC:

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



c:\documents and settings\lhair\my documents\word engineer06\waste quan 1st qtr 06.doc

WASTE

WASTE

COMMENTS/ADDITIONAL INFORMATION

SOLID WASTE QUANTITY TRACKING TRAIL RIDGE LANDFILL I.D. # 16/00033628

SAIL KIDGE LANDFILL I.D. # II

5110 US Hwy 301 South

Baldwin FI 32234-3608

Baldwin, FL 32234-3608 Ph: 904/289-9100

REPORTING MONTH: JANUARY 2006

	Species.		,	Ť,																		WASTE CODES:	TOTAL			230	220	200	130	115	110
					٠,						•)ES:	86,011.19			3334.46	37.98	1,028.38	51,967.79	5 36.73	29,605.86
,		999 - OTHER -	OTHER		800 - UNKNOW	UNKNOWN T		320 - COOLING WATER	315 - REJECT WATER	310 - INDUSTR	305 - DOMEST	300 - UNCLASS		135 - YARD TRASH/TRASH	130 - INDUSTRIAL	125 - MINING	120 - HOSPITAL/CLINICAL	115 - COMMERCIAL	110 - RESIDENTIAL	105 - AGRICULTURAL	100 - UNCLASS	SOLIDS		TONS	TONS	TONS	TONS	TONS	TONS	TONS	SNOT
		999 - OTHER - USE COMMENTS	ER.		800 - UNKNOWN TYPE OF WASTE	UNKNOWN TYPE OF WASTE		WATER	WATER	310 - INDUSTRIAL WASTEWATER	305 - DOMESTIC WASTEWATER	WASTEWATER 300 - UNCLASSIFIED WASTEWATER		ASH/TRASH	NAL		L/CLINICAL	RCIAL	ITIAL	TURAL	100 - UNCLASS, SOLID, NON-HAZARDOUS	SOLIDS, NON-HAZARDOUS	 								
				•			,			,		, אר			,						RDOUS										
One Mile	950 - LO	945 - PA	940 - PE	935 - PAI	930 - OR	925 - OR	920 - INC	915 - HE	910 - EXI	905 - CA	900 - UN	HA	295 - HA	235 - 101	230 - INC	225 - DO	220 - INE	215 - AIF	210 - SE	205 - W/	200 - UN										
	950 - LOW-LEVEL RADIOACTIVE	945 - PATHOLOGICAL/INFECTIOUS	940 - PESTICIDES/FUNGÍCIDES	935 - PAINT AND INK WASTE	930 - ORGANIC SOLVENTS AND OILS	925 - ORGANIC CHEMICALS	920 - INORGANIC CHEMICALS	915 - HEAVY METAL SOLUTIONS	910 - EXPLOSIVES	905 - CAUSTIC AND ACID	CLASSIFIED HAZ	HAZARDOUS WASTE	295 - HAZARDOUS SLUDGE	235 - ION RESIDUE	230 - INCINERATOR RESIDUE	MESTIC WASTE	220 - INDUSTRIAL/COMMERCIAL	215 - AIR SCRUBBER	210 - SEPTIC TANK	205 - WATER TREATMENT/LIME SOFTEN	200 - UNCLASSIFIED SLUDGES	SLUDGES									
	ACTIVE	ECTIOUS	CIDES	STE	S AND OILS	LS	CALS	UTIONS			900 - UNCLASSIFIED HAZARDOUS WASTE	, m	æ		DUE	225 - DOMESTIC WASTEWATER TREATMENT	ERCIAL			T/LIME SOFTEN	DGES						·				
			,													4						WASTE UNIT:									
		•												MGL -	TON - TON	LTR-	LBS -	KGM -	GAL -	CYD-	CMT-										
														MGL - MILLION GALLONS	TON	LTR - LITER	LBS - POUNDS	KGM - KILOGRAM	GAL - GALLON	CYD - CUBIC YARD	CMT - CUBIC METER	CFT - CUBIC FOOT									İ
														LONS							ת									-	
					,	`																									
										-		-																			
			,							4																				i i	
					, ,																										
F/34/04: DED EO	copied for cla	٠.					, a							•																	
j	rifica																							ĺ	· ·						

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

		• ~	٠,	r										•									WASTE CODES:	TOTAL			230	220	200	130	115	110	WASTE CODE
													.*.										ES:	75,955.92			0.00	28.87	926.42	49,619.18	68.40	25,313.05	WASTE AMOUNT
		999 - OTHER - USE COMMENTS.	OTHER		800 - UNKNOWN TYPE OF WASTE	UNKNOWN TYPE OF WASTE		320 - COOLING WATER	315 - REJECT WATER	310 - INDUSTRIAL WASTEWATER	305 - DOMESTIC WASTEWATER	300 - UNCLASSIFIED WASTEWATER	WASTEWATER		135 - YARD TRASH/TRASH	130 - INDUSTRIAL	125 - MINING	120 - HOSPITAL/CLINICAL	115 - COMMERCIAL	110 - RESIDENTIAL	105 - AGRICULTURAL	100 - UNCLASS, SOLID, NON-HAZARDOUS	SOLIDS, NON-HAZARDOUS		TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	WASTE (
		MENTS.			OF WASTE	ASTE				EWATER	WATER	STEWATER			SH			ŕ				NON-HAZARDOUS	ZARDOUS										COMMENTS/ADDITIONAL INFORMATION
955 - MINING	950 - LOW-LEVEL RADIOACTIVE	945 - PATHOLOGICAL/INFECTIOUS	940 - PESTICIDES/FUNGICIDES	935 - PAINT AND INK WASTE	930 - ORGANIC SOLVENTS AND OILS	925 - ORGANIC CHEMICALS	920 - INORGANIC CHEMICALS	915 - HEAVY METAL SOLUTIONS	910 - EXPLOSIVES	905 - CAUSTIC AND ACID	900 - UNCLASSIFIED HAZARDOUS WASTE	HAZARDOUS WASTE		295 - HAZARDOUS SLUDGE	235 - ION RESIDUE	230 - INCINERATOR RESIDUE	. 225 - DOMESTIC WASTEWATER TREATMENT	220 - INDUSTRIAL/COMMERCIAL	215 - AIR SCRUBBER	210 - SEPTIC TANK	205 - WATER TREATMENT/LIME SOFTEN	200 - UNCLASSIFIED SLUDGES	SLUDGES										VAL INFORMATION
																							WASTE UNIT:										
															MGL - MILLION GALLONS	TON - TON	LTR - LITER	LBS - POUNDS	KGM - KILOGRAM	GAL - GALLON	CYD - CUBIC YARD	CMT - CUBIC METER	CFT - CUBIC FOOT										
										-																							
5/24/94: DEP FORI	copied for clarification											٠																					

WASTE

WASTE

COMMENTS/ADDITIONAL INFORMATION

SOLID WASTE QUANTITY TRACKING
TRAIL RIDGE LANDFILL I.D. # 16/00033628

Baldwin, FL 32234-3608 Ph: 904/289-9100 5110 US Hwy 301 South

REPORTING MONTH: MARCH 2006

•			ist e		ì				.*					٠										WASTE CODES:	TOTAL			230	220	200	130	115	110
																								į <u>S</u>	87,783.13			0.00	23.27	881.75	57,074.70	73.79	29,729.63
			999 - OTHER - USE COMMENTS	OTHER		800 - UNKNOWN	UNKNOWN TYPE OF WASTE		320 - COOLING WATER	315 - REJECT WATER	310 - INDUSTRI	305 - DOMESTIC	300 - UNCLASSI	WASTE		135 - YARD TRASH/TRASH	130 - INDUSTRIAL	125 - MINING	120 - HOSPITAL/CLINICAL	115 - COMMERCIAL	110 - RESIDENTIAL	105 - AGRICULTURAL	100 - UNCLASS,	SOLIDS,		TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
			SE COMMENTS		•	800 - UNKNOWN TYPE OF WASTE	PE OF WASTE		WATER	ATER	310 - INDUSTRIAL WASTEWATER	305 - DOMESTIC WASTEWATER	300 - UNCLASSIFIED WASTEWATER	WASTEWATER		SH/TRASH	, <u>P</u>		/CLINICAL	SIAL	Ā	URAL	100 - UNCLASS, SOLID, NON-HAZARDOUS	SOLIDS, NON-HAZARDOUS									
						rri	:			,			TER										ZARDOUS	S									
	955 - MINING	950 - LOV	945 - PA	940 - PES	935 - PAI	930 - OR	925 - OR	920 - INC	915 - HE/	910 - EXF	905 - CAI	900 - UN	JAH JAH		295 - HA	235 - ION	230 - INC	225 - DO	220 - INE	215 - AIR	210 - SE	205 - WA	200 - UN		<u> </u> 								
	IING	950 - LOW-LEVEL RADIOACTIVE	945 - PATHOLOGICAL/INFECTIOUS	940 - PESTICIDES/FUNGICIDES	935 - PAINT AND INK WASTE	930 - ORGANIC SOLVENTS AND OILS	925 - ORGANIC CHEMICALS	920 - INORGANIC CHEMICALS	915 - HEAVY METAL SOLUTIONS	910 - EXPLOSIVES	905 - CAUSTIC AND ACID	CLASSIFIED HAZ	HAZARDOUS WASTE		295 - HAZARDOUS SLUDGE	235 - ION RESIDUE	230 - INCINERATOR RESIDUE	MESTIC WASTE	220 - INDUSTRIAL/COMMERCIAL	215 - AIR SCRUBBER	210 - SEPTIC LANK	205 - WATER TREATMENT/LIME SOFTEN	200 - UNCLASSIFIED SLUDGES	SLUDGES									
		CTIVE	ECTIOUS	CIDES	STE	S AND OILS	S)ALS	SNOIT			900 - UNCLASSIFIED HAZARDOUS WASTE	m	:	m 		DUE	225 - DOMESTIC WASTEWATER TREATMENT	ERCIAL			T/LIME SOFTEN	DGES										
	,						. •				•							Ν̈́Τ						WASTE UNIT:									
			5													MGL -	TON - TON	LTR-	- SBJ	KGM	GAL -	CYD.	CMT.						<u> </u>				
	٠.				je.											MGL - MILLION GALLONS	NOT	LTR - LITER	LBS - POUNDS	KGM - KILOGRAM	GAL - GALLON	CYD - CUBIC YARD	CMT - CUBIC METER	CFT - CUBIC FOOT									
																SNC																	
							•					-			• .																		
																														i.			
													*:																				
	יד)																**																
	5/24/94: DEI	copied for clar		-				-		٠																 							

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 <u>fire safety inspection</u> for 2006, per Specific Condition 27d.

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

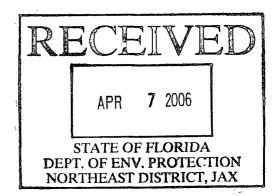
Sincerely,

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 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.

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 Received Processed Consumed Removed Adjustments Ending Inventory	arter covered b	y this report	First Quarte	r 2006	(First quarter	begins on Ja	nuary 1	of any	given year)
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 3. Affiliation with facility: Director of Landfill Operations 7. Telephone number (if different from above): () 3. Activity: Report in tons Beginning Received Processed Consumed Removed Adjustments Ending Inventory Used Tires 54 242 208 88 Other whole Tires Tires Tires Total Total Total Total Total Total Total Total Total Total Total	1. Facility name	e: Trail Ridg	e Landfill						
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 Received Processed Consumed Removed Adjustments Ending Inventory Used Tires 54 242 208 88 Other whole Tires Processed tires Processed 2. Facility mailir	ng address:	5110 U.S. HI	IGHWAY 301	SOUTH					
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 Received Processed Consumed Removed Adjustments Ending Inventory	City: Baldwi	in		County: [Duval		Zip:	32234	-3608
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 Received Processed Consumed Removed Adjustments Ending Inventory	3. Facility permi						•		
5. Authorized person preparing report: Greg Mathes 5. Affiliation with facility: Director of Landfill Operations 7. Telephone number (if different from above): () 3. Activity: Report in tons Beginning Inventory Received Processed Consumed Removed Adjustments Ending Inventory									
Affiliation with facility: Director of Landfill Operations Telephone number (if different from above): Activity: Report in tons Received Processed Consumed Removed Adjustments Ending Inventory Used Tires 54 242 208 88 Other whole Tires Processing Processing Waste Other Total 54 242 208 88 Explain all inventory adjustments. Explain all inventory adjustments.									
Telephone number (if different from above): () Activity: Report in tons Beginning Received Processed Consumed Removed Adjustments Ending Inventory	·		_		tions				
Activity: Report in tons Beginning Received Processed Consumed Removed Adjustments Ending Inventory		•							
Beginning Inventory Used Tires 54 242 208 88 Other whole Tires Processed tires Processing Waste Other Total 54 242 208 88 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.	-		erent from abo	ve): (
Inventory Used Tires 54 242 208 88 Other whole Tires Processed tires Processing Waste Other Total 54 242 208 88 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.	. Activity: Re	·	Descined	I Dunnand	I Camarina	Damayad	1 Adia	-tmouto	Ending
Other whole Tires Processed tires Processing Waste Other Total 54 242 208 88 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.			Received	Processed	Consumed	Removed	Adjus	sunents	Inventory
Tires Processing Waste Other Total 54 242 208 88 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.	Used Tires	54	242			208			88
Processing Waste Other Total 54 242 208 88 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.	1								
Other Total 54 242 208 88 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. Certification:	Processed tires								
Total 54 242 208 88 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. Certification:	_	,					ļ		
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.	Other								
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.	Total	54	242	 		208			88
Attach Additional sheets, if necessary. O. Certification:	List any perio	od in which o	ne or more ca		ntory exceed	ed the permit	ted max	timum f	or that
	Attach Addit	ional sheets,		he quarter, st	ate how and	when this co	ndition	will be r	elieved.
To the best of my knowledge and belief, I contribute morniade in this report is due, decorate, and complete			ne and helief I o	ertify the inform	nation provider	l in this report	istrue a	ccurate	and complete
(, M \(\)			ga ana beller, r c	. M	nacian provided	ani uno report	uc, a		
Greg Mathes April 6, 2006 Print Name of Authorized Agent Signature of Authorized Agent Date					5	<u> </u>		April	

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 #:				;		
	CO MARDO	New	Prop	erty:	Existing Property:	_1_/
Name:	TRAilpidge CARE [i// (Please Print)		-	Owner/Occupan	nt:	·
		•	*	1	(Please Print)	66 9100
Addres	s: 5110 U.S. Hwy 301	<u>ی. </u>	•		Phone #: 904.2	57- 7/00
Occupa	ancy Use: <u>Trobustaia</u>					
	YOUR APPRENDIA	NITO CIATE	ED III		NUMBER WAS ATTIONED	1 1
* 1			ED I	O THE FOLLO	OWING VIOLATIONS	C. I.
I.	Dangerous or Hazardous Conditions A. Improper storage of combustible materials, and/or	Code	•	ν.	Toxic Materials: A. Improper storage of toxic materials, poisonous	Code
• • •	rubbish, waste paper, trash, etc			: .	gases, and/or corrosive liquids	
	B. Improper maintenance of chimneys, vents, and/or				B. Improper and/or inadequate identification of	
	exhaust systems or heat producing equipment	•		*	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	
	G. Exitways improperly marked and/or illuminated		•		storage facilities	
	H. Inadequate means of egress	· . — —			B. Improper location of tanks	•
	I Smoking prohibited in			w je	C. Tanks and piping subject to physical damage.	
+ .	I. Smoking prohibited inJ. Parking of vehicles in fire lanes. (call police)	· · · · · · · · · · · · · · · · · · ·		:	D. Improper ventilation	
	K. Smoke detectors missing or inoperable	·			E. Improper Maintenance of equipment	
r	L. Improper trash receptacle	:	•	VII.	Electrical Wiring:	
	M. No volid	·		V 11.		
TT	M. No valid permit	· · · · · · · · · · · · · · · · · · ·		and the second	A. Improper use of extensiom cords and/or adapters	
II.	Fire Protection Equipment:					
	A. Fire Extinguishers or suppression system date	 		•	B. Unsafe wiring of fixtures	
<i>(</i>	1. Improper type, location or number		•		C. Electric panel or junction boxes, overloaded,	
	2. Faulty condition	·		· .	exposed or obstructed	
	3. Annual maintenance by licensed Fire equipment	•		VIII.	Hood Systems:	
1	contractor	<u> </u>			A. No hood system	
÷.	4. mountelent oprinkter nead elearance	·			B. Hood insufficient to cover appliances	
1	5. Defective Nozzles, hoses, piping	· <u></u>			C. Improper wiring or fixtures attached to hood	
III.	Alarm System:			:	system	
<i>9</i>	A. Annual maintenance by certified Alarm contractor	•		•	D. Missing or dirty filters	· ·
	B. Alarm system inoperative or malfunctioning	·	٠.,		E. Defective Fire suppression system	•
IV.	Flammable and combustible liquids:					
3	A. Improper storage and/or handling	· 	1. 1			•
	B. Inadequate ventilation					
	C. Improper identification	·				
	D. Improperly maintained fuel dispensing equipment		•			
		-				
Other	Violations:	<u>. </u>		· · · · · · · · · · · · · · · · · · ·		
				* * * * * * * * * * * * * * * * * * * *		
	1/0 0:0020	00.00		() uud		
Comm	ents/Instructions: MO Discle	pancie		Hound	<u> </u>	
-	•	•		4		
				,	•	
Failure	to correct these violations may result in this	office seekin	a civi	l and/or criminal	I penalties as required by law	
1 anaic	to correct these violations may result in this	Office Seekin	ig CIVI	i aliu/oi Ciliilliai	penames as required by law.	
					•	
This o	ccupancy meets the minimum fire codes	<u>ر جوج</u>			es · · · · ·	
					1	
Í ackno	owledge receipt of this inspection form:			/ -)	· · · · · · · · · · · · · · · · · · ·	
		· · · · · ·	\searrow	/ • 1	/ -1./	
/	Linna Hair	•	L	4	a : $\exists /a/na$	01
<u></u>	- I'I WAT / VATI	<u> </u>	<u>(/)</u>	mare 1 VI	10/00	- 6
	Name (Please Print)	•		Signature	e Dat	e
					₽	
Lcertif	y on this date, Lmade an inspection of the ab-	ove premises				
1 001111	j on and dute, prince an inspection of the ab-	ove bremises	•			

Inspector

Date





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

MORTHEAST DISTRIC!
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 CONDITIONSPARTLY CLOUDY SKY, V	VINDS 0-5 SE, 65°
BAROMETRIC PRESSURE	

MONITOR		PRESSURE	METHANE	METHANE	LIQUID LEVEL	0014145150
POINT	TIME	(inches w.c.)	(% BY Vol. Air)	(% LEL)	(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

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.

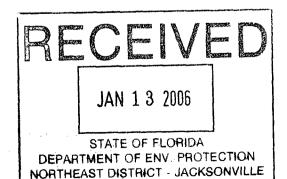
Sincerely,

Greg Mathes

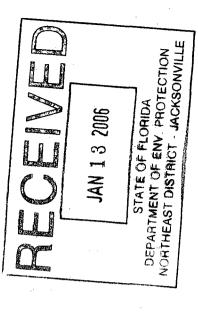
Director of Landfill Operations

GM:Ih Encl.

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



	3	Tra achate/Rai	Trail Ridge Landfill Rainfall: Fourth Qua	Trail Ridge Landfill Leachate/Rainfall: Fourth Quarter 2005	2005	
				Total		
Month	Rainfall	Primary	Secondary	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	



Trail Ridge Landfill Leachate/Rainfall OCTOBER 2005

if over 4492 let Al know

			if over 4492 let Al k			
				Total	Gallons	Gallons
Date	Rainfall Inches	Leachate	Leachate Secondary	Leachate Produced	Leachate Transported	Leachate Recirculated
ESTABLISHED OF THE STATE OF THE STATE OF	munes	Primary	Secondary	rroduced	30,000	Recirculated Acti
10/1/05 10/2/05					30,000	
10/3/05	0.2	19,300		19,300	12,000	- 10
	1.7				12,000	
10/4/05 10/5/05	1.7	14,100 26,200		14,100 26,200	42,000	
10/6/05	0.72	59,100	-	59,100	6,000	
10/7/05	0.72	19,000		19,000	36,000	
10/8/05	0.23	19,000		19,000	54,000	
10/9/05					7. 1. 1.	
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				1000 1000 1000 1000 1000 1000 1000 100		
10/16/05	4.15					
10/17/05	0	22,900	<u>-</u>	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		Part of the second seco				
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				and the state of t		
10/30/05	The state of the s		the second second			
10/31/05	0	46,200	200	46,400		<u> </u>
TOTALS	5.78	525,600	2,800	528,400	522,000	

RECEIVED

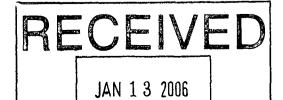
JAN 13 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION

Trail Ridge Landfill Leachate/Rainfall NOVEMBER 2005

if over 4492 let Al know

	ż		if over 4492 let Al K	Total	Gallons	Gallons
Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Leachate Produced	Leachate Transported	Leachate Recirculated
11/1/05	0	9,400	400	9,800	12,000	Ttooil oututou
11/2/05	0.06	12,100		12,100	24,000	
11/3/05	0.00	5,500		5,500	24,000	
11/4/05	0	9,800		9,800	18,000	
11/5/05						- 10 - 10 - 10
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		220 104 1747 000				
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		The second secon				
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	Season Season	See Personal miles and the first			## ## ## ## ##	
11/25/05	0	69,500		69,500	96,000	
11/26/05		Witness Control of the Control of th				Transfer of the second
11/27/05	A Paris Contract			Table Level by Level Bridge		
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	L



STATE OF FLORIDA

Trail Ridge Landfill Leachate/Rainfall DECEMBER 2005

if over 4492 let Al know

			11 OVEL 4492 IEL AL	Total	Gallons	Gallons
Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Leachate Produced	Leachate Transported	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		1944 - 19				
12/4/05	ingenta e la companya di salah salah salah salah salah salah salah salah salah salah salah salah salah salah s	The second second				
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			Charles and		347 4 4	
12/11/05	11.	A section of the second section of the section of the second section of the sectio				
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	g la Part Villa				7.1112.7	
12/18/05	e salaren erre	Lack Charle	e en historia			
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		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		The state of the s		
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	Distriction and the control of the	16,900	1,000	17,900		
12/31/05				April Anna San Maria San San San San San San San San San Sa		
TOTALS	7.78	498,100	9,200	507,300	510,000	



JAN 1 3 2006

STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION



STATE OF FLORIDA DEPARTMENT OF ENVIRORMENTAL PROTECTION 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

ORTHEAST DISTING 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

jetuwani.

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 Da	ate _3/22/00
DEP Applic	ation No.

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.

rter covered b	y this report	Fourth Quar	ter 2005	(First quarter	begins on Jai	nuary.1 of any	given year)
Facility name	: Trail Ridg	e Landfill					
Facility mailin	g address: 🛓	5110 U.S. HI	GHWAY 301	SOUTH			
City: Baldwi	n		County: _C)uval		Zip: 32234	-3608
Facility permi	t number: 0	013493-010-	SC				
		(904) 289-					
	erson preparir	. Once o	Freg Mathes				
Affiliation wit	• •	Director of L	andfill Opera	tions			
-	·	rent from abo	<u> </u>)			
Activity: Re							, , , , , , , , , , , , , , , , , , ,
	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustments	Ending Inventory
Used Tires	165	502			613		54
Other whole Tires							
Processed tires						<u> </u>	
Processing Waste							
Other .							ļ. <u>.</u>
Total	165	502			613		54
	od in which o			ntory exceede	ed the permit	ted maximum f	or that
For any exce Attach Addit			he quarter, st	ate how and	when this co	ndition will be r	elieved.
Certification:		······································					
	f my knowledg	ge and belief, I o	ertify the inform	nation provided	I in this report i	s true, accurate,	1, 1
Greg Mathe		·	(<u>//)</u>	y lal			6/06
Print Nam	ne of Authoria	zed Agent	S	ignature of A	uthorized Age	ent /	Date

Mail complete form to the appropriate district office



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

2006 JAN -9 A 8: 11

LATHEAST DISTRIG. 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:Ih Encl.

CC:

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

		- : / 	A Company	377 Sig	IANI LS:	OSHC VJHJ	IV
5/24/94:	copied for	ł	:8	∇	6-	NWC	q
5/24/94: DEP FORM	copied for clarification	, ,	JĄ	LIDIL ENL ENL TOU	WIND	MAIB MAIB BBVI	3

	a	.s.															WASTE CODES:	TOTAL			230	220	200	130	115	110
																	<u>)ES:</u>	82,242.16			979.86	34.67	607.47	53,399.37	54.48	27,166.30
999 - OTHER - USE COMMENTS	OTHER	UNKNOWN TYPE OF WASTE	320 - COOLING WATER	315 - REJECT WATER	310 - INDUSTRIAL WASTEWATER	305 - DOMESTIC WASTEWATER	WASTEWATER 300 - UNCLASSIEIED WASTEWATER		135 - YARD TRASH/TRASH	130 - INDUSTRIAL	125 - MINING	120 - HOSPITAL/CLINICAL	115 - COMMERCIAL	110 - RESIDENTIAL	105 - AGRICULTURAL	100 - UNCLASS, SOLID, NON-HAZARDOUS	SOLIDS, NON-HAZARDOUS		TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
945 - PATHOLOGICAL/INFECTIOUS 950 - LOW-LEVEL RADIOACTIVE 955 - MINING	935 - PAINT AND INK WASTE 940 - PESTICIDES/FUNGICIDES	925 - ORGANIC CHEMICALS 930 - ORGANIC SOLVENTS AND OILS	915 - HEAVY METAL SOLUTIONS	910 - EXPLOSIVES	905 - CAUSTIC AND ACID	900 - UNCLASSIFIED HAZARDOUS WASTE	HAZARDOLIS WASTE	295 - HAZARDOUS SLUDGE	235 - ION RESIDUE	230 - INCINERATOR RESIDUE	225 - DOMESTIC WASTEWATER TREATMENT	220 - INDUSTRIAL/COMMERCIAL	215 - AIR SCRUBBER	210 - SEPTIC TANK	205 - WATER TREATMENT/LIME SOFTEN	200 - UNCLASSIFIED SLUDGES	SLUDGES W									
									3	7	г.	_	~	G	0	C	WASTE UNIT: C									
									MGL - MILLION GALLONS	TON - TON	LTR - LITER	LBS - POUNDS	KGM - KILOGRAM	GAL - GALLON	CYD - CUBIC YARD	CMT - CUBIC METER	CFT - CUBIC FOOT									
		TTIAI SIO 18	VOS	H0 H1	V	<u></u>												;								
copied for clarification 5/24/94: DEP FORM		9 A TIMEN TIMEN FILL FILL FILL FILL FILL FILL FILL FIL	84. 180 1091 1091			507																				

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

WASTE

COMMENTS/ADDITIONAL INFORMATION

REPORTING MONTH: DECEMBER 2005

		1	3 (1) [8]	TTE DIS.	IANI 7SL	CK2C	VI No
5/24/94: DEP FORM	copied for clarification	1	:8	\forall	b-	NAC	90
PFORM	rification		ZE.	LNE ML (3MT.) 3TA RA93 IRI V M 0A9	ũ

999 - OTHER - USE COMMENTS

955 - MINING

945 - PATHOLOGICAL/INFECTIOUS 950 - LOW-LEVEL RADIOACTIVE 800 - UNKNOWN TYPE OF WASTE

930 - ORGANIC SOLVENTS AND OILS 935 - PAINT AND INK WASTE

940 - PESTICIDES/FUNGICIDES

æ			WASTE CODES	TOTAL			230	220	200	130	115	110
			<u>Es</u> :	79,654.97			0.00	21.05	939.61	51,161.39		27,471.13
300 - UNCLASSIFIED W 305 - DOMESTIC WAST 310 - INDUSTRIAL WAS 315 - REJECT WATER 320 - COOLING WATER UNKNOWN TYPE OF V	135 - YARD TRASH/TRASH WASTEWATER	105 - AGRICULTURAL 110 - RESIDENTIAL 115 - COMMERCIAL 120 - HOSPITAL/CLINICAL 125 - MINING 130 - INDUSTRIAL	SOLIDS 100 - UNCLASS		TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
300 - UNCLASSIFIED WASTEWATER 305 - DOMESTIC WASTEWATER 310 - INDUSTRIAL WASTEWATER 315 - REJECT WATER 320 - COOLING WATER UNKNOWN TYPE OF WASTE	NRD TRASH/TRASH WASTEWATER	TURAL TIAL KCIAL L/CLINICAL	SOLIDS, NON-HAZARDOUS 100 - UNCLASS, SOLID, NON-HAZARDOUS									
HAZARDOUS WASTE 900 - UNCLASSIFIED HAZARDOUS WASTE 905 - CAUSTIC AND ACID 910 - EXPLOSIVES 915 - HEAVY METAL SOLUTIONS 920 - INORGANIC CHEMICALS 925 - ORGANIC CHEMICALS	235 - ION RESIDUE 295 - HAZARDOUS SLUDGE	205 - WATER TREATMENT/LIME SOFTEN 210 - SEPTIC TANK 215 - AIR SCRUBBER 220 - INDUSTRIAL/COMMERCIAL 225 - DOMESTIC WASTEWATER TREATMENT 230 - INCINERATOR RESIDUE	SLUDGES 200 - UNCLASSIFIED SLUDGES									
			WASTE UNIT:									
	MGL - MILLION GALLONS	CYD - CUBIC YARD GAL - GALLON KGM - KILOGRAM LBS - POUNDS LTR - LITER TON - TON	CFT - CUBIC FOOT									
] - 		·				
TSABHTMU: NWOSNDAU									; ;			
DEPARTME ENVIRONMI PROTECTOR JAN -9									į			

REPORTING MONTH: NOVEMBER 2005

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

WASTE

COMMENTS/ADDITIONAL INFORMATION

WASTE CODE

WASTE AMOUNT

WASTE UNIT

COMMENTS/ADDITIONAL INFORMATION

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 CODES: TOTAL 200 110 115 130 50,213.56 79,307.57 26,045.85 ,010.91 2019.32 17.93 0.00 115 - COMMERCIAL 110 - RESIDENTIAL 120 - HOSPITAL/CLINICAL 105 - AGRICULTURAL 100 - UNCLASS, SOLID, NON-HAZARDOUS TONS SNOT TONS TONS SNOT TONS TONS TONS SOLIDS, NON-HAZARDOUS 215 - AIR SCRUBBER 210 - SEPTIC TANK 200 - UNCLASSIFIED SLUDGES 220 - INDUSTRIAL/COMMERCIAL 205 - WATER TREATMENT/LIME SOFTEN SLUDGES WASTE UNIT: CFT - CUBIC FOOT CYD - CUBIC YARD CMT - CUBIC METER LBS - POUNDS KGM - KILOGRAM GAL - GALLON

ORTHEAST BISTRIC

310 - INDUSTRIAL WASTEWATER

305 - DOMESTIC WASTEWATER

300 - UNCLASSIFIED WASTEWATER

WASTEWATER

130 - INDUSTRIAL

125 - MINING

135 - YARD TRASH/TRASH

315 - REJECT WATER
320 - COOLING WATER

999 - OTHER - USE COMMENTS

955 - MINING

925 - ORGANIC CHEMICALS
930 - ORGANIC SOLVENTS AND OILS
930 - PAINT AND INK WASTE
940 - PESTICIDES/FUNGICIDES
945 - PATHOLOGICAL/INFECTIOUS
950 - LOW-LEVEL RADIOACTIVE

OTHER

800 - UNKNOWN TYPE OF WASTE

UNKNOWN TYPE OF WASTE

915 - HEAVY METAL SOLUTIONS 920 - INORGANIC CHEMICALS 905 - CAUSTIC AND ACID

900 - UNCLASSIFIED HAZARDOUS WASTE

HAZARDOUS WASTE

295 - HAZARDOUS SLUDGE

235 - ION RESIDUE

230 - INCINERATOR RESIDUE

225 - DOMESTIC WASTEWATER TREATMENT

LTR-LITER

MGL - MILLION GALLONS

910 - EXPLOSIVES

:8 A P- NAL 4005

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

copied for clarification 5/24/94: DEP FORM

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,

Greg Mathes

Director of Landfill Operations

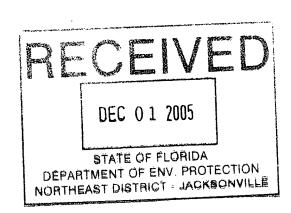
Gray Mathes

GM:lh

Attachments

cc: Chris Pearson w/attachments

Brian Dolihite



c:\documents and settings\lhair\my documents\word engineer 05\mn gas 4th qtr 05.doc



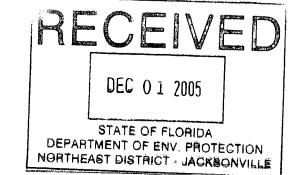
GAS MONITORING REPORT

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 EA	ST 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





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.

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	2-701.900(21)
	aste Tire Processing Facility
Form Title Qu	arterly Report
Effective Date	3/22/00
DEP Applicatio	n 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.

rter covered b	y this report	Third Quarte	er 2005	(First quarter	begins on Jar	nuary 1 of any	given year)
Facility name	: Trail Ridg	e Landfill	-		*************************************		
Facility mailin	ng address:	5110 U.S. HI	GHWAY 301	SOUTH			
City: Baldwi	in		County: [)uval		Zip: 32234-	-3608
Facility permi	t number: 0	013493-010-	SC				
Facility teleph				······································	*************************************		
Authorized pe			lfred L. Burso	on, Sr.			
Affiliation wit	• •	•	tal Protection				
Telephone nu	•		·) 984-6608	3		
Activity: Re	,	, , , , , , , , , , , , , , , , , , , ,	10).				······································
	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
Explain all inv			egory of inver	ntory exceede	d the permitt	ed maximum fo	or that
category. Hov 09/30/2005 -	w was that c Tires excee	ondition reliev	ed? mit. This was	due to a larg	-	tires received	
For any exces Attach Additi	ss inventory a ional sheets, i	t the end of t	he quarter, sta		vhen this con	dition will be re	elieved.
Certification:							
	f my knowledg	e and belief, I c	ertify the inform	nation provided	in this report je	s true, accurate, a	and complete.
*			- 1				/ ab.
Alfred L. Bu	irson, Sr.					Botah	er 15,12 Date

Mail complete form to the appropriate district office

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

				Total		
Month	Rainfall	Primary	Secondary	Produced	Transported	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 Al 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				Taganda Salah Sala	
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		Approximate the second			the property of the second
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			and the		
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	The Administra	Constitution (Constitution (Co			42,000
9/25/05					
9/26/05	0.5	-	-	<u>-</u>	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 Al 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					E KART IN
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	M. the filling out was a live of the same
8/20/05		(A) (A) (A) (A)			124 A 1880 S
8/21/05	"一块是沙·哈森"				
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	ot some and the second
8/27/05			June 184		
8/28/05				and the second s	
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 Al 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	1		ing the state of	
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	<u> </u>	4,400	72,000
7/8/05	0	pumps off for ma	aintenance		6,000
7/9/05	The state of the s	And the second		and the second second second	18,000
7/10/05	1.74				erica di senia 4.5 2° de la Transita
7/11/05	1.4	pumps off for ma	aintenance		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		2 ** ** ** ** ** ** ** ** ** ** ** ** **			
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	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
******7/24/05		a se quantitating to a section in			
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	19 19 19 19 19			
7/31/05	The second secon				
TOTALS	10.72	404,400	3,900	408,300	342,000

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

> 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,

Greq Mathes

Director of Landfill Operations

GM:Ih -

cc:

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

ING ING	# 16/00033628
QUANTITY TRACKIN	E LANDFILL I.D. #
LID WASTE QUANTITY	TRAIL RIDGI

	REPORTING MONTH: JULY 2005																														copied for clarification	5/24/94: DEP FORM
TRAIL RIDGE LANDFILL I.D. # 16/00033628	outn 808											WASTE UNIT: CFT - CUBIC FOOT	CMT - CUBIC METER	CYD - CUBIC YARD	GAL - GALLON	KGM - KILOGRAM	LBS - POUNDS	LTR-LITER	MGL - MILLION GALLONS													
SOLID WASTE QUANTITY TRACKING TRAIL RIDGE LANDFILL I.D. # 16	5110 US Hwy 301 South Baldwin, FL 32234-3608	COMMENTS/ADDITIONAL INFORMATION										SLUDGES	İ	205 - WATER TREATMENT/LIME SOFTEN	210 - SEPTIC TANK	215 - AIR SCRUBBER	220 - INDUSTRIAL/COMMERCIAL	225 - DOMESTIC WASTEWATER TREATMENT	235 - ION RESIDUE	295 - HAZARDOUS SLUDGE	ļ	HAZARDOUS WASTE	900 - UNCLASSIFIED HAZARDOUS WAS LE	910 - EXPLOSIVES	915 - HEAVY METAL SOLUTIONS	920 - INORGANIC CHEMICALS	925 - ORGANIC CHEMICALS	930 - ORGANIC SOLVENTS AND OILS	933 - FAINT AND INN WASTE	940 - PESTICIDES/FONGICIDES	950 - LOW-LEVEL RADIOACTIVE	956 - MINING
		WASTE	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	SOLIDS, NON-HAZARDOUS	100 - UNCLASS, SOLID, NON-HAZARDOUS	105 - AGRICULTURAL	110 - RESIDENTIAL	115 - COMMERCIAL	120 - HOSPITAL/CLINICAL	125 - MINING	135 - YARD TRASH		WASTEWATER	300 - UNCLASSIFIED WASTEWATER	305 - DOMESTIC WASTEWATER	315 - REJECT WATER	320 - COOLING WATER		UNKNOWN TYPE OF WASTE	800 - UNKNOWN TYPE OF WASTE	dauto	OOD OTHER LISE COMMENTS		
GMS42	11/09/87 FACILITY	WASTE WASTE CODE AMOUNT		115	130 55,8	200 1,16	220	230	-		TOTAL 84,98	WASTE CODES:	٠																			

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 CODES:	TOTAL			200	220	220	200	130	115	110	WASTE CODE
		٠											•									<u>i</u> ÿ	96,225.07				00 0	73.61	917.87	65,835.38	56.60	29,341.61	WASTE AMOUNT
	999 - OTHER - L	OTHER		800 - UNKNOWN	UNKNOWN TY		320 - COOLING WATER	315 - REJECT WATER	310 - INDUSTRI	305 - DOMESTIC	300 - UNCLASS	WASTE		135 - YARD TRASH/TRASH	130 - INDUSTRIAL	125 - MINING	120 - HOSPITAL/CLINICAL	115 - COMMERCIAL	110 - RESIDENTIAL	105 - AGRICULTURAL	100 - UNCLASS,	SOLIDS,		TONS	TONS	Т		TONS	TONS	TONS	TONS	SNOT	WASTE
	999 - OTHER - USE COMMENTS	70		800 - UNKNOWN TYPE OF WASTE	UNKNOWN TYPE OF WASTE		WATER	VATER	310 - INDUSTRIAL WASTEWATER	305 - DOMESTIC WASTEWATER	300 - UNCLASSIFIED WASTEWATER	WASTEWATER		\SH/TRASH	AL		/CLINICAL	CIAL	TIAL	TURAL	100 - UNCLASS, SOLID, NON-HAZARDOUS	SOLIDS, NON-HAZARDOUS											COMMENTS/ADDITIONAL INFORMATION
950 - I OW I EVEL BADIOACTIVE	945 - PATHOLOGICAL/INFECTIOUS	940 - PESTICIDES/FUNGICIDES	935 - PAINT AND INK WASTE	930 - ORGANIC SOLVENTS AND OILS	925 - ORGANIC CHEMICALS	920 - INORGANIC CHEMICALS	915 - HEAVY METAL SOLUTIONS	910 - EXPLOSIVES	905 - CAUSTIC AND ACID	900 - UNCLASSIFIED HAZARDOUS WASTE	HAZARDOUS WASTE		295 - HAZARDOUS SLUDGE	235 - ION RESIDUE	230 - INCINERATOR RESIDUE	225 - DOMESTIC WASTEWATER TREATMENT	220 - INDUSTRIAL/COMMERCIAL	215 - AIR SCRUBBER	210 - SEPTIC TANK	205 - WATER TREATMENT/LIME SOFTEN	200 - UNCLASSIFIED SLUDGES	SLUDGES			·								NEORMATION
								• ,		\.	•					•						WASTE UNIT:								}			
				*									,	MGL - MILLION GALLONS	TON - TON	LTR - LITER	LBS - POUNDS	KGM - KILOGRAM	GAL - GALLON	CYD - CUBIC YARD	CMT - CUBIC METER	CFT - CUBIC FOOT											
																									,						,		
	w																											-					
,							:											•				•											
conied for clarification									٠	,																							

955 - MINING

950 - LOW-LEVEL RADIOACTIVE

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



STATE OF ELORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

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:Ih Encl.

CC:

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

5110 US Hwy 301 South Baldwin, FL 32234-3608 Ph: 904/289-9100

REPORTING MONTH: JULY 2005

WASTE	WASTE	COMMENTS/ADDITIONAL INFORMATION	Pn: 904/289-9100	0			
27,875.73	TONS						
57.68	TONS			•			
55,854.58	TONS						
1,165.25	TONS						
35.80	TONS						-
00:0	TONS						
	TONS						·
-	TONS						
84,989.03		The state of the s					
	SOLIDS, NON	SOLIDS, NON-HAZARDOUS	SLUDGES	WASTE UNIT:	CFT - CUBIC FOOT		
	100 - UNCLASS, SO	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	ı	215 - AIR SCRUBBER		KGM - KILOGRAM		
	120 - HOSPITAL/CLINICAL	INICAL	220 - INDUSTRIAL/COMMERCIAL		LBS - POUNDS		
	125 - MINING		225 - DOMESTIC WASTEWATER TREATMENT		TON - TON		
•	135 - YARD TRASH/TRASH	TRASH	236 - ION RESIDUE		MGL - MILLION GALLONS		
			295 - HAZARDOUS SLUDGE				
	WASTEWATER	ITER					
	300 - UNCLASSIFIED WASTEWATER	D WASTEWATER	HAZARDOUS WASTE				
	305 - DOMESTIC WASTEWATER	ASTEWATER NASTEWATER	900 - UNCLASSIFIED HAZARDOUS WASTE				
	315 - REJECT WATER	ER	910 - EXPLOSIVES				
	320 - COOLING WATER	TER	915 - HEAVY METAL SOLUTIONS				
			920 - INORGANIC CHEMICALS				
•	UNKNOWN TYPE OF WASTE	OF WASTE	925 - ORGANIC CHEMICALS				
	800 - UNKNOWN TYPE OF WASTE	YPE OF WASTE	930 - ORGANIC SOLVENTS AND OILS				4
			935 - PAINT AND INK WASTE				
•	OTHER		940 - PESTICIDES/FUNGICIDES				
	999 - OTHER - USE COMMENTS	COMMENTS	945 - PATHOLOGICAL/INFECTIOUS			notice distinctions of the contractions f the contraction of the contractio	office
			930 - COW-LEVEL IONIONO			SONO OF DEPT.	EODM
,			ONIII III - CCA			. C. C. C. C. C. C. C. C. C. C. C. C. C.	

SOLID WASTE QUANTITY TRACKING TRAIL RIDGE LANDFILL I.D. # 16/00033628

GMS42 11/09/87 FACILITY

5110 US Hwy 301 South Baldwin, FL 32234-3608 Ph: 904/289-9100

REPORTING MONTH: AUGUST 2005

																															copied for clarification	5/24/94: DEP FOF
										CFT - CUBIC FOOT	CMT - CUBIC METER	CYD - CUBIC YARD	GAL - GALLON	KGM - KILOGRAM	LBS - POUNDS	LTR - LITER	TON - TON	MGL - MILLION GALLONS														
										WASTE UNIT: CFT	CM	CYC	GAL	KGN	SBT	LTR	OT	MGI														
Fn: 904/289-9100										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		MAZARDOUS 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
COMMENTS/ADDITIONAL INFORMATION										SOLIDS, NON-HAZARDOUS	100 - UNCLASS, SOLID, NON-HAZARDOUS	URAL	IAL	SIAL	/CLINICAL		큠	SH/TRASH		WASIEWAIER	SOC - UNCLASSIFIED WAS LEWALER	330 - INDUSTRIAL WASTEWATER	ATER	WATER		PE OF WASTE	800 - UNKNOWN TYPE OF WASTE		ď	999 - OTHER - USE COMMENTS		
WASTE	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS		SOLIDS,	100 - UNCLASS,	105 - AGRICULTURAL	110 - RESIDENTIAL	115 - COMMERCIAL	120 - HOSPITAL/CLINICAL	125 - MINING	130 - INDUSTRIAL	135 - YARD TRASH/TRASH		WASTE	SOU - UNICLASSII	310 - INDUSTRIA	315 - REJECT WATER	320 - COOLING WATER		UNKNOWN TYPE OF WASTE	300 - UNKNOWN		OTHER	99 - OTHER - U		
WASTE AMOUNT	29,341.61	56.60	65,835.38	917.87	73.61	0.00			96,225.07	•		7	,-	•-	•-	٠		• ***		1 '	. (. «/	.,	***		ı	~		•	J)		
WASTE CODE	110	115	130	200	220	230			TOTAL	WASTE CODES:																÷		ч		٧		

REPORTING MONTH: SEPTEMBER 2006											3IC FOOT	CMT - CUBIC METER	BIC YARD	TFON	.OGRAM	UNUS IR	Z	MGL - MILLION GALLONS											copied for clarificatic 5/24/94: DEP FOI
SOLID WASTE QUANTITY TRACKING TRAIL RIDGE LANDFILL I.D. # 16/00033628 5110 US Hwy 301 South Baldwin, FL 32234-3608	Ph. 904/289-9100										SLUDGES WASTE UNIT: CFT - CUBIC FOOT		TMENT/LIME SOFTEN			ZZV - INDUS I KIAL/COMMERCIAL ZZS - DOMESTIC WASTEWATER TREATMENT LTR - LITER	,	235 - ION RESIDUE MGL - MILL		HAZARDOUS WASTE	900 - UNCLASSIFIED HAZARDOUS WASTE	905 - CAUSTIC AND ACID	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	955 - MINING
	WASTE COMMENTS/ADDITIONAL INFORMATION UNIT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS		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	320 - COOLING WATER		UNKNOWN TYPE OF WASTE	800 - UNKNOWN TYPE OF WASTE	OTHER	999 - OTHER - USE COMMENTS	
GMS42 11/09/87 FACILITY	WASTE WASTE CODE AMOUNT	110 27,503.17	115 74.95	130 56,142.93	200 1,421.60	220 77.14	230 0.00			TOTAL 85,219.78	WASTE CODES:	•	Ť		,	- +-	**	+	!	j e	ĸ	en e	ා සී		7.1		•	.	₹.

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	<u> </u>

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



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,

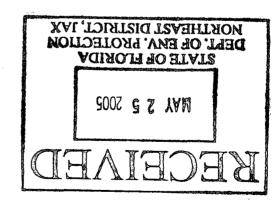
Greg Mathes

Director of Landfill Operations

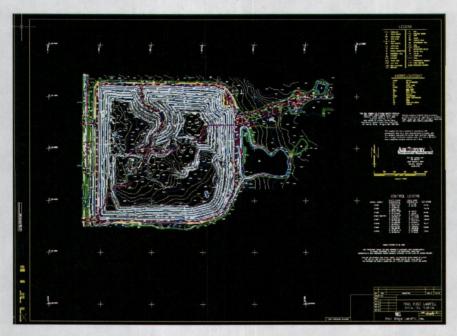
GM:lh

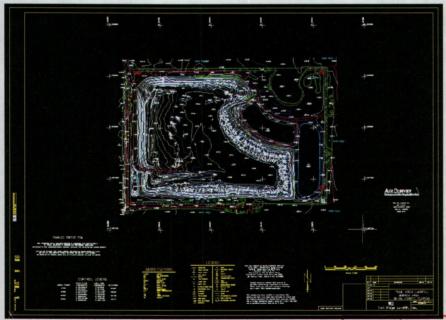
Encl

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



REPORT OF AERIAL TOPOGRAPHIC SURVEY TRAIL RIDGE LANDFILL DUVAL COUNTY, FLORIDA MAY 18, 2005



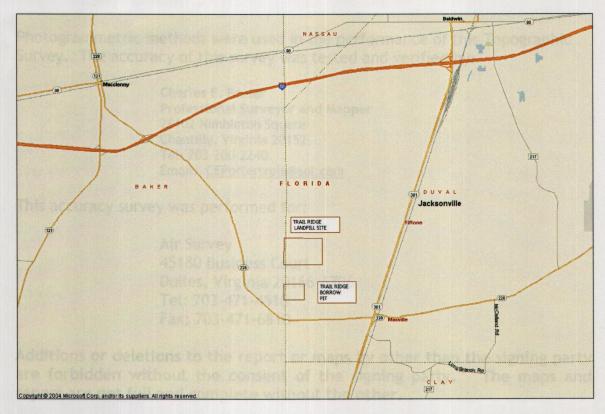


CHARLES E. PORTER
PROFESSIONAL SURVEYOR AND MAPPER NO. 4257

26102 Nimbleton Square Chantilly, Virginia 20152 703-200-2240 CEPortersrPLS@aol.com DEPT. OF ENV. PROTECTION
STATE OF FLORIDA
ACTOR DISTRICT, JAX
STATE OF FLORIDA
ACTOR DISTRICT, JAX

WAY 2 5 2005

KECEINED



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

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

ned: Mulling &

Seal:





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 DISTRIC 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

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 H₂0

COMMENTS: *MONITORED 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

2005 JAN 14 P 2: 21

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

Enci.

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

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL ENVIRONMENTAL

NORTHEAST DISTRICT
JACKSONVILLE, FL

	1,458,000	1,351,900	1,600	1,350,300	8.33	QTR. TOTAL
	576,000	553,600	800	552,800	3.06	December
•	318,000	294,900	1	294,900	3.27	November
r	564,000	503,400	800	502,600	2.00	October
Recirculated	Transported	Produced	Secondary	Primary	Rainfall	Month
		Total				·
···						
	2004	Trail Ridge Landfill Leachate/Rainfall: Fourth Quarter 2004	Trail Ridge Landfill Rainfall: Fourth Qu	Tra eachate/Ra	<u></u>	

Trail Ridge Landfill Leachate/Rainfall OCTOBER 2004

if over 4492 let Mark know

	Rainfall	Leachate	Leachate	Total Leachate	Gallons Leachate	Gallons Leachate
Date	Inches	Primary	Secondary	Produced	Transported	Recirculated
10/1/04	0	16,900	•	16,900	42,000	_
10/2/04		and the second second			36,000	
10/3/04	Web July 1944					
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		A PARTY OF THE PAR		・		2 (1) 2 (1) 1 (2)
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		The state of the s		· 第二章		2.0
10/24/04	2012 OF					
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	Ali di in			Det 3-1		el quito de la companya de la compan
10/31/04						
TOTALS	2.00	502,600	800	503,400	564,000	

Trail Ridge Landfill Leachate/Rainfall NOVEMBER 2004

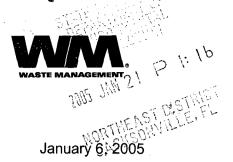
if over 4492 let Mark know

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	3,000	
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					医马拉克氏	
11/7/04				edicade (1905)		4424
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			35 (10 m) (10 m) 35 (10 m) (10 m)	Welling to the State of the Sta		Provide Zene
11/14/04	e (predjuse 2) je devi ak o je sa E (predjuse 2) je deviako je sa	et i i entre			The Paris	
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	<u>-</u>	19,100	18,000	
11/19/04	0	1,500	_	1,500		
11/20/04			The second secon		es effect a resultant	
4.11/21/04			2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		15 de 17 a 19	A STATE OF THE STA
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	
	holiday		The Part of Street of			海梨 , 水水系
11/26/04	2.36	18,800	and the second second	18,800	18,000	
11/27/04 11/28/04					Andreas de la companya de la company	
11/29/04	0.71	30,400		30,400	6,000	
11/30/04	0.71	9,500	-	9,500	18,000	
1 1/30/04		9,500			10,000	
TOTALS	3.27	294,900	•	294,900	318,000	-

Trail Ridge Landfill Leachate/Rainfall DECEMBER 2004

if over 4492 let Mark know

	Daile fall		1 1 - 4 -	Total	Gallons	Gallons
Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Leachate Produced	Leachate Transported	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						The state of the s
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				和""是"特别"。		
12/12/04					The same of the sa	
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		TV To The Color of the Color	14			Arrest 18
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				e kolin producera Oktobij 1447 biji të Shkipa e të për të të përtë dhe të dhe		
12/26/04	geralitati est est. Gazare (120)					nis in the second
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	_



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

<u>, — </u>
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.

arter covered b	y this report	4th Qtr	2004	(First quarter	begins on Jar	nuary 1 of any	given year)
. Facility name	: <u>Trai</u>	l Ridge L	andfil	· · · · · · · · · · · · · · · · · · ·			
. Facility mailir	ng address: _	5110 U.S.	Hwy 301	So.			
						Zip: <u>3223</u> 4	
. Facility permi	it number:	0013493-0	10-SC				
Authorized p		•	reg Mathe				
Affiliation wi	th facility:	Direct	or of Lan	dfill Ope			
Telephone nu	ımber (if diffe	rent from abo	ve): ()			
Activity: Re							
	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
		e or more cat	egory of inve	ntory exceede		ed maximum fo	or that
For any exce		t the end of t	he quarter, sta	ate how and v	vhen this con	dition will be re	elieved.
Attach Addition:	f my knowledge	f necessary.	ertify the inform	nation provided	in this report is	s true, accurate, a	

Mail complete form to the appropriate district office



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 Decemberr 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

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

j			Ť.		-	3									e.								WASTE CODES:	TOTAL			2	2	2				<u> </u>	CODE
:		No.		•															٠,				<u>ODES:</u>	AL 77,871.56			230 0.	220 16.16	200 1,379.62	130 51,107.53	115 25.53		110 25,342.72	AMOUNT
		999 -		٠	800 -	UNK.		320 -	315 -	310 -	305 -	300 -			135 -	130 -	125 -	120 -	115-	. 110 -	105 -	100 -		56			0.00 T		+	 		\dashv		
		OTHER - U	OTHER		UNKNOWN	NOWN TYP		320 - COOLING WATER	315 - REJECT WATER	INDUSTRIA	DOMESTIC	UNCLASSI	WASTEWATER		135 - YARD TRASH/TRASH	130 - INDUSTRIAL	125 - MINING	120 - HOSPITAL/CLINICAL	115 - COMMERCIAL	110 - RESIDENTIAL	105 - AGRICULTURAL	UNCLASS,	SOLIDS,		TONS	TONS	TONS	TONS	TONS	TONS	TONS		TONS	CIVIT
		999 - OTHER - USE COMMENTS			800 - UNKNOWN TYPE OF WASTE	UNKNOWN TYPE OF WASTE		NATER	ATER	310 - INDUSTRIAL WASTEWATER	305 - DOMESTIC WASTEWATER	300 - UNCLASSIFIED WASTEWATER	WATER		SH/TRASH	f		CLINICAL	;AL	Ā	URAL	100 - UNCLASS, SOLID, NON-HAZARDOUS	SOLIDS, NON-HAZARDOUS											
955 - MINING	950 - LOW-LEVEL RADIOACTIVE	945 - PATHOLOGICAL/INFECTIOUS	940 - PESTICIDES/FUNGICIDES	935 - PAINT AND INK WASTE	930 - ORGANIC SOLVENTS AND OILS	925 - ORGANIC CHEMICALS	920 - INORGANIC CHEMICALS	915 - HEAVY METAL SOLUTIONS	910 - EXPLOSIVES	905 - CAUSTIC AND ACID	900 - UNCLASSIFIED HAZARDOUS WASTE	HAZARDOUS WASTE		295 - HAZARDOUS SLUDGE	235 - ION RESIDUE	230 - INCINERATOR RESIDUE	225 - DOMESTIC WASTEWATER TREATME	220 - INDUSTRIAL/COMMERCIAL	215 - AIR SCRUBBER	210 - SEPTIC TANK	205 - WATER TREATMENT/LIME SOFTEN	200 - UNCLASSIFIED SLUDGES	SLUDGES											
						-					Ē			• .		,	MENT						 ×					-						
	. •												,										WASTE UNIT:											
															MGL - MILLION GALLONS	TON - TON	LTR-LITER	LBS - POUNDS	KGM - KILOGRAM	GAL - GALLON	CYD - CUBIC YARD	CM1 - CUBIC METER	CFT - CUBIC FOOT											
					-																							-						
								4				in the second																						
																																r ri		
5/24/94: DEP FOR	copied for clarification									5																				*				

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

Baldwin,
Ph. 904/2
COMMENTS/ADDITIONAL INFORMATION

copied for clarific	850 - FOW-FEVEL ZADIOAC TVE		•		
	945 - PALHOLOGICADINECTIOOS	999 - O I HER - OSE COMMENTS	999 - OIMEK - C		
	940 - PESTICIDES/FUNGICIDES	72	OTHER		
	935 - PAINT AND INK WASTE		•		•
	930 - ORGANIC SOLVENTS AND OILS	800 - UNKNOWN TYPE OF WASTE	800 - UNKNOW		•
	925 - ORGANIC CHEMICALS	UNKNOWN TYPE OF WASTE	UNKNOWN TY		
	920 - INORGANIC CHEMICALS				
	915 - HEAVY METAL SOLUTIONS	WATER	320 - COOLING WATER		· .
	910 - EXPLOSIVES	VATER	315 - REJECT WATER		
	905 - CAUSTIC AND ACID	310 - INDUSTRIAL WASTEWATER	310 - INDUSTRI		
	900 - UNCLASSIFIED HAZARDOUS WASTE	305 - DOMESTIC WASTEWATER	305 - DOMESTI		
	HAZARDOUS WASTE	300 - UNCLASSIFIED WASTEWATER	300 - UNCLASS		ž,
		WASTEWATER	WASTE		
	295 - HAZARDOUS SLUDGE		,		
MGL - MILLION GALLONS	235 - ION RESIDUE	ASH/TRASH	135 - YARD TRASH/TRASH		
TON - TON	230 - INCINERATOR RESIDUE	AL .	130 - INDUSTRIAL		
LTR-LITER	225 - DOMESTIC WASTEWATER TREATMENT		125 - MINING		
LBS - POUNDS	220 - INDUSTRIAL/COMMERCIAL	LCLINICAL	120 - HOSPITAL/CLINICAL		•
KGM - KILOGRAM	215 - AIR SCRUBBER	CIAL	115 - COMMERCIAL		
GAL - GALLON	210 - SEPTIC TANK	TIAL	110 - RESIDENTIAL		
CYD - CUBIC YARD	205 - WATER TREATMENT/LIME SOFTEN	TURAL	105 - AGRICULTURAL		
CMT - CUBIC METER	200 - UNCLASSIFIED SLUDGES	100 - UNCLASS, SOLID, NON-HAZARDOUS	100 - UNCLASS		
WASTE UNIT: CFT - CUBIC FOOT	SLUDGES	SOLIDS, NON-HAZARDOUS	SOLIDS	ļχ	WASTE CODES:
				78,120.56	TOTAL
			SNOT		
			CNO		
		A.	SNOT		
			TONS	0.00	230
			TONS	30.92	220
			TONS	768.87	200
			TONS	50,146.60	130
			TONS	65.72	115
			TONS	27,108.45	110
					i i
	L INFORMATION	COMMENTS/ADDITIONAL INFORMATION	WASTE	WASTE	WASTE

955 - MINING

SOLID WASTE QUANTITY TRACKING TRAIL RIDGE LANDFILL I.D. # 16/00033628

Baldwin, FL 32234-3608 5110 US Hwy 301 South

Ph: 904/289-9100

REPORTING MONTH: DECEMBER 2004

		111				
copied for clarificat		950 - LOW-LEVEL RADIOACTIVE	,			
		945 - PATHOLOGICAL/INFECTIOUS	999 - OTHER - USE COMMENTS	999 - OTHER -		
		940 - PESTICIDES/FUNGICIDES	IER .	OTHER		s 4
		935 - PAINT AND INK WASTE			•	
		930 - ORGANIC SOLVENTS AND OILS	800 - UNKNOWN TYPE OF WASTE	800 - UNKNOV		• (
		925 - ORGANIC CHEMICALS	UNKNOWN TYPE OF WASTE	UNKNOWN 1		
	•	920 - INORGANIC CHEMICALS				
		915 - HEAVY METAL SOLUTIONS	G WATER	320 - COOLING WATER		
		910 - EXPLOSIVES	WATER	315 - REJECT WATER		
		905 - CAUSTIC AND ACID	310 - INDUSTRIAL WASTEWATER	310 - INDUSTI		
		900 - UNCLASSIFIED HAZARDOUS WASTE	305 - DOMESTIC WASTEWATER	305 - DOMEST		÷
		HAZARDOUS WASTE	300 - UNCLASSIFIED WASTEWATER	300 - UNCLAS		
			WASTEWATER	WAS		
		295 - HAZARDOUS SLUDGE				
	MGL - MILLION GALLONS	235 - ION RESIDUE	RASH/TRASH	135 - YARD TRASH/TRASH		
	TON - TON	230 - INCINERATOR RESIDUE	RIAL	130 - INDUSTRIAL		
	LTR - LITER	225 - DOMESTIC WASTEWATER TREATMENT		125 - MINING		
	LBS - POUNDS	220 - INDUSTRIAL/COMMERCIAL	AL/CLINICAL	120 - HOSPITAL/CLINICAL		ė
	KGM - KILOGRAM	215 - AIR SCRUBBER	RCIAL	115 - COMMERCIAL		
	GAL - GALLON	210 - SEPTIC TANK	NTIAL	110 - RESIDENTIAL		
	CYD - CUBIC YARD	205 - WATER TREATMENT/LIME SOFTEN	LTURAL	105 - AGRICULTURAL		
	CMT - CUBIC METER	200 - UNCLASSIFIED SLUDGES	100 - UNCLASS, SOLID, NON-HAZARDOUS	100 - UNCLAS		
	WASTE UNIT: CFT - CUBIC FOOT	SLUDGES	SOLIDS, NON-HAZARDOUS	SOLID	<u>S</u> :	WASTE CODES
					81,974.24	TOTAL
				SNOT		
				TONS		
				TONS	0.00	230
				TONS	50.95	220
				TONS	1,114.45	200
				TONS	51,894.71	130
				TONS	70.70	115
				TONS	28,843.43	110
		AL INFORMATION	COMMENTS/ADDITIONAL INFORMATION	WASTE	WASTE	WASTE CODE

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



MS 21, 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:Ih 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

Ph: 904/289-9100 5110 US Hwy 301 South Baldwin, FL 32234-3608

	ζ.		* '5		'																	WASTE CODES:	TOTAL			230	220	200	130	115	110	WASTE CODE
																						ES:	85,219.78			0.00	77.14	1,421.60	56,142.93	74.95	27,503.17	WASTE AMOUNT
	999 - OTHER - USE COMMENTS	OTHER		800 - UNKNOWN	UNKNOWN TYPE OF WASTE		320 - COOLING WATER	315 - REJECT WATER	310 - INDUSTRIA	305 - DOMESTIC WASTEWATER	300 - UNCLASSI	WASTEWATER		135 - YARD TRASH/TRASH	130 - INDUSTRIAL	125 - MINING	120 - HOSPITAL/CLINICAL	115 - COMMERCIAL	110 - RESIDENTIAL	105 - AGRICULTURAL	100 - UNCLASS,	SOLIDS,		TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	WASTE
	SE COMMENTS			800 - UNKNOWN TYPE OF WASTE	E OF WASTE		NATER	ATER	310 - INDUSTRIAL WASTEWATER	WASTEWATER	300 - UNCLASSIFIED WASTEWATER	WATER		SH/TRASH	£		CLINICAL	HAL.	IAL .	URAL	100 - UNCLASS, SOLID, NON-HAZARDOUS	SOLIDS, NON-HAZARDOUS										COMMENTS/ADDITIONAL INFORMATION
950 - LOW-LEVEL RADIOACTIVE 955 - MINING	945 - PATHOLOGICAL/INFECTIOUS	940 - PESTICIDES/FUNGICIDES	935 - PAINT AND INK WASTE	930 - ORGANIC SOLVENTS AND OILS	925 - ORGANIC CHEMICALS	920 - INORGANIC CHEMICALS	915 - HEAVY METAL SOLUTIONS	910 - EXPLOSIVES	905 - CAUSTIC AND ACID	900 - UNCLASSIFIED HAZARDOUS WASTE	HAZARDOUS WASTE		295 - HAZARDOUS SLUDGE	235 - ION RESIDUE	230 - INCINERATOR RESIDUE	225 - DOMESTIC WASTEWATER TREATMENT	220 - INDUSTRIAL/COMMERCIAL	215 - AIR SCRUBBER	210 - SEPTIC TANK	205 - WATER TREATMENT/LIME SOFTEN	200 - UNCLASSIFIED SLUDGES	SLUDGES										L INFORMATION
				٠.																		WASTE UNIT:										
														MGL - MILLION GALLONS	TON - TON	LTR - LITER	LBS - POUNDS	KGM - KILOGRAM	GAL - GALLON	CYD - CUBIC YARD	CMT - CUBIC METER	CFT - CUBIC FOOT										
																÷																
										,																						
copied for clarific 5/24/94: DEP F																																

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: MAY 2005

MACTE	NA STE	MACTE	NOTAMAGNETICAN STREET	Ph. 904/289-9100	0				
CODE	AMOUNT	UNIT	COMMEN SADOTTONAL IN	NOT WIND IN					
110	27,669.52	TONS							
115	•	TONS							
130	55,124.60	TONS							·
200		TONS							
220		TONS							
230		TONS							
		TONS							
		TONS							
TOTAL	84,047.52								
WASTE CODE	DES:	SOLIDS, N	SOLIDS, NON-HAZARDOUS	SLUDGES	WASTE UNIT:	CFT - CUBIC FOOT			
	~	100 - UNCLASS, 3	100 - UNCLASS, SOLID, NON-HAZARDOUS	200 - UNCLASSIFIED SLUDGES		CMT - CUBIC METER			
1		105 - AGRICULTURAL	URAL	205 - WATER TREATMENT/LIME SOFTEN		CYD - CUBIC YARD			
	-	110 - RESIDENTIAL	AL	210 - SEPTIC TANK		GAL - GALLON			
	-	115 - COMMERCIAL	IAL	215 - AIR SCRUBBER		KGM - KILOGRAM			
	-	120 - HOSPITAL/CLINICAL	CLINICAL	220 - INDUSTRIAL/COMMERCIAL		LBS - POUNDS			
	-	125 - MINING		225 - DOMESTIC WASTEWATER TREATMENT		LTR - LITER			
	~	130 - INDUSTRIAL	J	230 - INCINERATOR RESIDUE		TON - TON			
	•	135 - YARD TRASH/TRASH	SH/TRASH	235 - ION RESIDUE		MGL - MILLION GALLONS			
		WASTEWATER	WATER						
	lω	300 - UNCLASSIF	300 - UNCLASSIFIED WASTEWATER	HAZARDOUS WASTE					
		305 - DOMESTIC WASTEWATER	WASTEWATER	900 - UNCLASSIFIED HAZARDOUS WASTE					
		310 - INDUSTRIA	310 - INDUSTRIAL WASTEWATER	905 - CAUSTIC AND ACID					
	က	315 - REJECT WATER	ATER	910 - EXPLOSIVES					
	e	320 - COOLING WATER	NATER	915 - HEAVY METAL SOLUTIONS	,				
				920 - INORGANIC CHEMICALS					
		UNKNOWN TYPE OF WASTE	PE OF WASTE	925 - ORGANIC CHEMICALS					
	8	300 - UNKNOWN	800 - UNKNOWN TYPE OF WASTE	930 - ORGANIC SOLVENTS AND OILS					
				935 - PAINT AND INK WASTE					
	l	OTHER	2	940 - PESTICIDES/FUNGICIDES		1			
	6	999 - OTHER - USE COMMENTS	SE COMMENTS	945 - PATHOLOGICAL/INFECTIOUS					
				950 - LOW-LEVEL RADIOACTIVE			•	copied for clarification	Б
				955 - MINING				5/24/94: DEP FORM	RM

GMS42 11/09/87 FACILITY

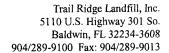
SOLID WASTE QUANTITY TRACKING TRAIL RIDGE LANDFILL I.D. # 16/00033628

5110 US Hwy 301 South

REPORTING MONTH: JUNE 2005

Baldwin, FL 32234-3608 Ph: 904/289-9100

5/24/94: DEP FORM	-		955 - MINING				
copied for clarification			950 - LOW-LEVEL RADIOACTIVE				
•			945 - PATHOLOGICAL/INFECTIOUS	999 - OTHER - USE COMMENTS	999 - OTHER - I		ú
		•	940 - PESTICIDES/FUNGICIDES	X	OTHER	,	•
			025 - DAINT AND INK WASTE	1			
			930 - ORGANIC SOI VENTS AND OILS	800 - LINKNOWN TYPE OF WASTE	800 - LINKNOW		
			925 - ORGANIC CHEMICALS	UNKNOWN TYPE OF WASTE	UNKNOWN TO		· v ·
			920 - INORGANIC CHEMICALS		Ť		-
			915 - HEAVY METAL SOLUTIONS	WATER	320 - COOLING WATER		
			910 - EXPLOSIVES	NATER	315 - REJECT WATER		
			905 - CAUSTIC AND ACID	310 - INDUSTRIAL WASTEWATER	310 - INDUSTR		
			900 - UNCLASSIFIED HAZARDOUS WASTE	305 - DOMESTIC WASTEWATER	305 - DOMESTI		
		•	HAZARDOUS WASTE	300 - UNCLASSIFIED WASTEWATER	300 - UNCLASS		
				WASTEWATER	WAST		
			295 - HAZARDOUS SLUDGE				
		MGL - MILLION GALLONS	235 - ION RESIDUE	ASH/TRASH	135 - YARD TRASH/TRASH		
		TON - TON	230 - INCINERATOR RESIDUE	IAL	130 - INDUSTRIAL		
		LTR - LITER	225 - DOMESTIC WASTEWATER TREATMENT		125 - MINING		
		LBS - POUNDS	220 - INDUSTRIAL/COMMERCIAL	L/CLINICAL	120 - HOSPITAL/CLINICAL		
		KGM - KILOGRAM	215 - AIR SCRUBBER	CIAL	115 - COMMERCIAL		
		GAL - GALLON	210 - SEPTIC TANK	TIAL	110 - RESIDENTIAL		
		CYD - CUBIC YARD	205 - WATER TREATMENT/LIME SOFTEN	TURAL	105 - AGRICULTURAL		
		CMT - CUBIC METER	200 - UNCLASSIFIED SLUDGES	100 - UNCLASS, SOLID, NON-HAZARDOUS	100 - UNCLASS		
		WASTE UNIT: CFT - CUBIC FOOT	SLUDGES	SOLIDS, NON-HAZARDOUS	SOLIDS	<u>s:</u>	WASTE CODES:
						88,912.92	TOTAL
					TONS		
					TONS		
					TONS	0.00	230
					SNOT	24.79	220
					TONS	903.98	200
					SNOT	58,718.11	130
					SNOT	49.28	115
					TONS	29,216.77	110
			AL INFORMATION	COMMENTS/ADDITIONAL INFORMATION	WASTE	WASTE AMOUNT	WASTE CODE





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,

Greg Mathes

Director of Landfill Operations

GM:ih

Enclosures

cc: Brian Dolihite, w/o encl.



Department of Environmental Protection

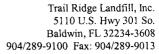
DEP Form	# 62-701.900(21)
	Waste Tire Processing Facility
Form Title	Quarterly Report
Effective D	ate <u>3/22/00</u>
DEP Applie	cation No.
	(Filled in by DEP)

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.

arter covered b	y this report	Second Qtr	2005	(First quarter	begins on Ja	nuary 1 of a	any given year)
. Facility name	: Trail Ridg	je Landfill					
2. Facility mailin	ng address:	5110 U.S. HI	IGHWAY 301	SOUTH			
City: Baldwi	n		County: _[Duval		Zip: 32	234-3608
3. Facility permi	it number: _C	013493-010-	sc				
. Facility teleph			-9100				
. Authorized pe			Freg Mathes				
. Affiliation wit	th facility:	Director of L	andfill Opera	tions			
. Telephone nu	•	erent from abo	ve): ()			1
. Activity: Re			· · · · · · · · · · · · · · · · · · ·				
	Beginning Inventory	Received	Processed	Consumed	Removed	Adjustme	ents Ending Inventory
Used Tires	47	321			368		0
Other whole Tires							
Processed tires						T	
Processing Waste							
Other							
Total	47	321			368	Ţ~~~	0
List any period category. Hor	od in which o		tegory of inve	ntory exceed	ed the permit	ted maximu	m for that
For any exces Attach Additi		at the end of t if necessary.	he quarter, st	ate how and	when this cor	ndition will	be relieved.
. Certification: To the best o		ge and belief, I c	ertify the inform	nation provided	I in this report i		ate, and complet
	ne of Authori	zed Agent <	5	ignature of A	uthorized Age		Date

Mail complete form to the appropriate district office





2505 JUL 12 P 1:55

July 8, 2005

NORTHEAST DISTINGT 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

Greg Mathes
Director of Landfill Operations

GM:lh Encl.

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

OTR. TOTAL 20.42 1,281,300 8,600 1,289,900 1,362,00	June 12.37 408,800 2,800 411,600 450,0	May 3.07 409,500 2,800 412,300 462,0	April 4.98 463,000 3,000 466,000 450,0	Month Rainfall Primary Secondary Produced Transported	Total	Trail Ridge Landfill Leachate/Rainfall: Second Quarter 2005	
1,362,000	450,000	462,000	450,000	Transported	,		
	1	-	•	Recirculated			

. 1

Trail Ridge Landfill Leachate/Rainfall APRIL 2005

if over 4492 let Mark know

ainfall: First Q	. 1			Total	Gallons Leachate	Gallons Leachate
Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Leachate Produced	Transported	Recirculated
4/1/05	0.7	12,600	_	12,600	6,000	
4/2/05	4.5	Manager Committee Committee Committee Committee Committee Committee Committee Committee Committee Committee Co				
4/3/05					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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. 1877 AV
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	April 200 April			ppoden i de la companya de la compan		
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				The second secon		
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	194 Aug 1		t side kan di di di di Nata di di di di di			And the second s
TOTALS	4.98	463,000	3,000	466,000	450,000	

Trail Ridge Landfill Leachate/Rainfall MAY 2005

if over 4492 let Al know

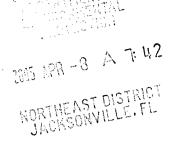
Date	Rainfall Inches	Leachate	Leachate Secondary	Total Leachate Produced	Gallons Leachate Transported	Gallons Leachate Recirculated				
AND THE PROPERTY OF THE PARTY O	inches	Primary	Secondary	Produced	Transported	Recirculated				
5 /1/05	0.27	<i>45</i> 400	500	4F 600						
5/2/05 5/3/05	0.37	45,100	500	45,600	20,000					
5/3/05	0	7,900	-	7,900 13,800	30,000					
5/5/05	0.77	13,800 10,800		10,800	36,000					
5/6/05	0.56	22,800	<u>-</u>	22,800	12,000					
5/7/05	0.50	22,000		22,000	12,000					
5/8/05			College College							
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	20,000					
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		The state of the s	3,700 - 3,700 36,000 - - - 30,000 15,700 - 15,700 12,000 11,300 - 11,300 12,000 15,200 - 15,200 12,000 44,000 900 44,900 12,000 16,300 - 16,300 14,100 - 14,100 12,700 - 12,700 24,000 12,600 - 12,600 18,000							
5 /16/05	0	3,700		3,700	36,000					
5 /17/05	0	-	-	_	30,000					
5/1.8/05	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	32 76									
5/23/05	0.6	44,000	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	-							
5/27/05	0	12,600	· · · · · · · · · · · · · · · · · · ·	12,600	18,000					
5/28/05		4 100 5	Company of the Compan	4. A. W.	tella de la companya de la companya de la companya de la companya de la companya de la companya de la companya	Maria Sang				
			2 - <u>Hi</u>			AND THE PARTY OF T				
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				30 B 10 E	
6/5/05				Andrew Control of		
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	
6/1 5/05	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			等 化工作 拉上	\$2. No. 100 (1995)	
6 /19/05	. 0					
6/2 0/05	0.4	46,600	700	47,300	36,000	<u> </u>
6/2 1/05	0	13,500	-	13,500	12,000	
6/22 /05	0.28	7,500		7,500	30,000	<u> </u>
6 /23/05	0	10,400	<u> </u>	10,400	12,000	
6 /24/05	0	9,500	-	9,500		
6/25/05		in the great of	4 4 4 4 5			
6 /26/05		A Windship A - Bank				to have the real
6/27/05	0.55	27,500		27,500	54,000	
6 /28/05	1.55	13,600	<u> </u>	13,600	12,000	ļ
6/29/05	1.15	9,800	<u>-</u>	9,800		
6/30/05	4	19,200	900	20,100		<u> </u>
						ļ
TOTALS	12.37	408,800	2,800	411,600	450,000	





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.

Section 1 to the second section of the second section of the second section section is a second section of the second section

Greg Mathes

Sincerely,

Director of Landfill Operations

GM:lh Encl.

cc: Brian Dolihite, w/o enclosures

Chet McGhee, DEP, w/enclosures

SOLID WASTE QUANTITY TRACKING TRAIL RIDGE LANDFILL I.D. # 16/00033628

5110 US Hwy 301 South

Baldwin, FL 32234-3608 Ph: 904/289-9100

FACILITY GMS42 11/09/87

REPORTING MONTH: JANUARY 2005

							<i>"</i>																-								copied for clarification	5/24/94: DEP FORM
						ς.							•																			
										WASTE UNIT: CFT - CUBIC FOOT	CMT - CUBIC METER	CYD - CUBIC YARD	GAL - GALLON	KGM - KILOGRAM	LBS - POUNDS	LTR - LITER	TON - NOT	MGL - MILLION GALLONS														
Ph. 904/289-9100 INFORMATION										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	900 - CACOLLIC AND ACID	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
COMMENTS/ADDITIONAL INFORMATION										SOLIDS, NON-HAZARDOUS	100 - UNCLASS, SOLID, NON-HAZARDOUS	TURAL	LIAL	CIAL	/CLINICAL		AL	ASH/TRASH		WASTEWATER	300 - UNCLASSIFIED WASTEWATER	305 - DOMESTIC WASTEWATER	AL WASIEWAILI VATED	WATER		UNKNOWN TYPE OF WASTE	800 - UNKNOWN TYPE OF WASTE		α.	999 - OTHER - USE COMMENTS		
WASTE	TONS	TONS	SNOL	TONS	SNOT	TONS	TONS	TONS		SOLIDS,	100 - UNCLASS	105 - AGRICULTURAL	110 - RESIDENTIAL	115 - COMMERCIAL	120 - HOSPITAL/CLINICAL	125 - MINING	130 - INDUSTRIAL	135 - YARD TRASH/TRASH		WAST	300 - UNCLASS	305 - DOMESTI	315 - PE IECT WATER	320 - COOLING WATER		UNKNOWN TY	800 - UNKNOW		OTHER	999 - OTHER - (
WASTE AMOUNT	26,556.08	86.01	53,547.87	983.19	62.92	0.00			81,236.07						•							٠										
WASTE CODE	110	115	130	200	220	230			TOTAL	WASTE CODES:																	ξ.			•		

	KING	. # 16/00033628
, ,	OLID WASTE QUANTITY TRACKIN	TRAIL RIDGE LANDFILL I.D

5110 US Hwy 301 South Baldwin, FL 32234-3608 Ph: 904/289-9100

GMS42 11/09/87 FACILITY

REPORTING MONTH: FEBRUARY 2005

TONS	WASTE AMOUNT 23,240.05	WASTE UNIT TONS	COMMENTS/ADDITIONAL INFORMATION	NAL INFORMATION	N N N N N N N N N N N N N N N N N N N	2						
SUDGES WASTE LANT CT - CUBIC POOT	62.78 TONS											1
SLUDGES	TONS	1										1 /
SALDOGS	81.23 TONS	1										1 1
SILUDGES	0.00 TONS	l					·					
SELUDGES	TONS											
SILIDGES WASTE LINIT. CFT - CUBIC FOOT 200 - UNCLASSIFIED SILIDGES CMT - CUBIC MATER 200 - UNCLASSIFIED SILIDGES CMT - CUBIC MATER 210 - SEPTIC TANK CMT - CUBIC MATER 211 - AIR SCRUBBER CMT - CUBIC MATER 212 - AIR SCRUBBER CMT - CUBIC MATER 213 - AIR SCRUBBER CMT - CUBIC MATER 214 - AIR SCRUBBER CMT - CUBIC MATER 225 - DOMESTIC WASTE WATER TREATMENT LIS - POUNDS 225 - DOMESTIC WASTE CMT - CMT	NOT	ا ا										
SALUDGES	Í											- 1
ZARDOUS 200 - UNCLASSIFIED SLUDGES CMT - CUBIC METER ZARDOUS 200 - UNCLASSIFIED SLUDGES CMT - CUBIC VARD 200 - WATER TREATMENT LIME SOFTEN GAL - GALLON 215 - AR SCRUBBER KON - CUBIC VARD 220 - INDUSTRIAL/COMMERCIAL LBS - POUNDS 225 - DOMESTIC WASTER AREA KOM - KILOGRAM 226 - INDUSTRIAL/COMMERCIAL TON - TON 225 - DOMESTIC WASTER MGL - MILLION GALLONS 226 - HAZARDOUS WASTE MGL - MILLION GALLONS R 900 - UNCLASSIFIED HAZARDOUS WASTE 900 - UNCLASSIFIED HAZARDOUS WASTE 900 - UNCLASSIFIED HAZARDOUS WASTE 900 - UNCLASSIFIED HAZARDOUS WASTE 900 - ORGANIC CHEMICALS 900 - UNCLASSIFIED HAZARDOUS WASTE 900 - ORGANIC CHEMICALS 900 - ORGANIC CHEMICALS 900 - ORGANIC CHEMICALS 900 - ORGANIC CHEMICALS 900 - ORGANIC CHEMICALS 900 - FESTICIDES FULL 900 - ORGANIC CHEMICALS 900 - CONTRASSIFIC	SC	JLIDS,	, NON-HAZARDOUS		SLUDGES	WASTE UNIT:	CFT - CUBIC FOOT	, .				
210 - SEPTIC TANK GAL - GALLON 210 - SAPTIC TANK 216 - GALLON 211 - AIR SCRUBBER KSM - KILOGRAM 222 - INDUSTRALLOOMMERCIAL LBS - POUNDS 223 - LOW STIC WASTEWATER TREATMENT LTER 232 - INCINERATOR RESIDUE MGL - MILLION GALLONS 235 - INCINERATOR RESIDUE MGL - MILLION GALLONS 236 - HAZARDOUS WASTE MGL - MILLION GALLONS 237 - HAZARDOUS WASTE MGL - MILLON GALLONS 238 - HAZARDOUS WASTE MGL - MILLON GALLONS 239 - HAZARDOUS WASTE MGL - MILLON GALLONS 230 - LONG-ASSIRIED HAZARDOUS WASTE MGL - MILLON GALLONS 230 - LONG-ASSIRIED HAZARDOUS WASTE MGL - MILLON GALLONS 230 - LONG-RAIN WASTE MGL - MILLON GALLONS 230 - ORGANIC CHEMICALS S92 - ORGANIC CHEMICALS 239 - CANDAL SOLVENTS AND OLLS S93 - ORGANIC CHEMICALS 240 - PESTICIOES 945 - PATHOLOGICA-LINECTIOUS 250 - LOW-LEVEL RADIOACTIVE 850 - LOW-LEVEL RADIOACTIVE	100 - UNC 105 - AGF	LASS	, SOLID, NON-HAZARDOUS TURAL	200 - UNC	LASSIFIED SLUDGES ER TREATMENT/LIME SOFTEN		CMT - CUBIC METER CYD - CUBIC YARD					
215 - AIR SCRUBBER KGM - KILOGRAM 220 - INDUSTRIAL/COMMERCIAL LBS - POUNDS 220 - INDUSTRIAL/COMMERCIAL LBS - POUNDS 220 - INCHERATIOR RESIDUE TON - TON 235 - INCHERATOR RESIDUE MGL - MILLION GALLONS 235 - INCHERATOR RESIDUE MGL - MILLION GALLONS 236 - HAZARDOUS WASTE MGL - MILLION GALLONS 15 - HAZARDOUS WASTE MGL - MILLION GALLONS 16 - GOO - LINCHARD AND CHEAN CHEMICALS MGC - MILLIONS 16 - GOO - INORGANIC CHEMICALS MGC - MILLIONS 16 - GOO - INORGANIC CHEMICALS MGC - MILLIONS 17 - HEAVY METAL SOLUTIONS MGC - MILLIONS 18 - GOO - INORGANIC CHEMICALS MGC - MILLIONS 19 - GOO - INORGANIC CHEMICALS MGC - MILLIONS 10 - PESTICIOESFULNIGICIDES MGC - MILLIONGICIDES 10 - PESTICIOESFULNIGICIDES MGC - MILLIONGICIDES 10 - LOW-LEVEL RADIOACTIVE MGC - MILLIONGICIDES	110 - RESIDENTIAL	DEN	TIAL	210 - SEP	TIC TANK		GAL - GALLON					
220 - INDUSTRIAL/COMMERCIAL LBS - POUNDS 226 - INDUSTRIAL/COMMERCIAL LIR - LITER 226 - LONESTIC WASTEWATER TREATMENT LTR - LITER 236 - INCINERATOR RESIDUE TON - TON 236 - INCINERATOR SLUDGE MGL - MILLION GALLONS 236 - HAZARDOUS WASTE MGL - MILLION GALLONS 800 - UNCLASSIFIED HAZARDOUS WASTE MGL - MILLION GALLONS 8 900 - CAUSTIC AND ACID 910 - EXPLOSIVES 910 - EXPLOSIVES 910 - EXPLOSIVES 912 - HEAVY METAL SOLUTIONS 920 - INORGANIC CHEMICALS 922 - ORGANIC CHEMICALS 920 - INORGANIC CHEMICALS 923 - ORGANIC CHEMICALS 920 - INORGANIC CHEMICALS 924 - PRESTICIDESFILMGIOIDES 940 - PESTICIDESFILMGIOIDES 945 - PATHOLOGICAL/INFECTIOUS 950 - LOW-LEVEL RADIOACTIVE 950 - LOW-LEVEL RADIOACTIVE	115 - COMMERCIAL	MER	CIAL	215 - AIR 8	SCRUBBER		KGM - KILOGRAM					
178 - LITER 178 - LITER 178 - LITER 178 - LITER 179 - 170 170 17	120 - HOS	PITAL	/CLINICAL	220 - INDC	JSTRIAL/COMMERCIAL		LBS - POUNDS					
TER	125 - MINING	NG		225 - DOM	MESTIC WASTEWATER TREATMENT		LTR - LITER TON TON					
TER	135 - YAR	אוכי אדר	AL ASH/TRASH	235 - INCII	NENATOR RESIDUE		MGI - MILLION GALLONS					
TER HAZARDOUS WASTE 900 - UNCLASSIFIED HAZARDOUS WASTE 900 - UNCLASSIFIED HAZARDOUS WASTE 800 - UNCLASSIFIED HAZARDOUS WASTE 905 - CAUSTIC AND ACID 910 - EXPLOSIVES 915 - HEAVY METAL SOLUTIONS 920 - INORGANIC CHEMICALS 925 - ORGANIC CHEMICALS 925 - ORGANIC CHEMICALS 925 - ORGANIC SOLVENTS AND OILS 930 - ORGANIC SOLVENTS AND OILS 935 - PAINT AND INK WASTE 940 - PESTICIDES/FUNGICIDES 945 - PATHOLOGICAL/INFECTIOUS 950 - LOW-LEVEL RADIOACTIVE 950 - LOW-LEVEL RADIOACTIVE				295 - HAZ	ARDOUS SLUDGE							
TER		/AST	EWATER									
Page	300 - UNC 305 - DON	LASS	IFIED WASTEWATER C WASTEWATER	HAZ/ 900 - UNC	ARDOUS WASTE LASSIFIED HAZARDOUS WASTE							
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	310 - INDL	STR	AL WASTEWATER	905 - CAU	STIC AND ACID							
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	315 - REJ	ECT V	VATER	910 - EXPI	LOSIVES							
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	320 - COC	LING	WATER	915 - HEA	VY METAL SOLUTIONS							
925 - ORGANIC CHEMICALS 15 930 - ORGANIC SOLVENTS AND OILS 1935 - PAINT AND INK WASTE 1940 - PESTICIDES/FUNGICIDES 1945 - PATHOLOGICAL/INFECTIOUS 1950 - LOW-LEVEL RADIOACTIVE				920 - INOF	RGANIC CHEMICALS							
TE 930 - ORGANIC SOLVENTS AND OILS 935 - PAINT AND INK WASTE 940 - PESTICIDES/FUNGICIDES 945 - PATHOLOGICAL/INFECTIOUS 950 - LOW-LEVEL RADIOACTIVE	UNKNOW	Š	PE OF WASTE	925 - ORG	SANIC CHEMICALS			,			,	,
935 - PAINT AND INK WASTE 940 - PESTICIDES/FUNGICIDES 945 - PATHOLOGICAL/INFECTIOUS 950 - LOW-LEVEL RADIOACTIVE	800 - UNKI	δV	N TYPE OF WASTE	930 - ORG	SANIC SOLVENTS AND OILS							
940 - PESTICIDES/FUNGICIDES 945 - PATHOLOGICAL/INFECTIOUS 950 - LOW-LEVEL RADIOACTIVE				935 - PAIN	JT AND INK WASTE							
945 - PATHOLOGICAL/INFECTIOUS 950 - LOW-LEVEL RADIOACTIVE	0	뷤	8	940 - PES	TICIDES/FUNGICIDES							
	999 - OTHE	Å.	USE COMMENTS	945 - PATI	HOLOGICAL/INFECTIOUS		,*					
				950 - LOW	4-LEVEL RADIOACTIVE				•	00	pied for clarification	

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: MARCH 2005

WASTE	WASTE	WASTE	COMMENTS/ADDITIONAL INFORMATION	INFORMATION	001						• , •
CODE	AMOUNT	TINO			*.						
110	29,025.85	TONS							;: ž [*] *		
115	63.05	TONS									<u>.</u>
130	59,726.09	TONS									
200	2,336.86	TONS									
220	31.59	•									
230	0.00	TONS									
		TONS									
		TONS									
TOTAL	91,183.45								,		
WASTE CODES:		SOLIDS, N	SOLIDS, NON-HAZARDOUS	SLUDGES	WASTE UNIT	CFT - CUBIC FOOT	,			,	
		100 - UNCLASS, SOLII	100 - UNCLASS, SOLID, NON-HAZARDOUS 105 - AGRICULTURAL	200 - UNCLASSIFIED SLUDGES 205 - WATER TREATMENT/LIME SOFTEN		CMT - CUBIC METER CYD - CUBIC YARD					
		110 - RESIDENTIAL	. AL	210 - SEPTIC TANK		GAL - GALLON					
		115 - COMMERCIAL	. IAL	215 - AIR SCRUBBER		KGM - KILOGRAM					
		120 - HOSPITAL/CLINICAL	CLINICAL	220 - INDUSTRIAL/COMMERCIAL		LBS - POUNDS			-		
	•	125 - MINING	<u>-</u>	225 - DOMESTIC WASTEWATER TREATMENT 230 - INCINEBATOR DESIDITE		LTR - LITER TON - TON					
		135 - YARD TRASH/TRASH	SH/TRASH	235 - ION RESIDUE		MGL - MILLION GALLONS					
				295 - HAZARDOUS SLUDGE							
		WASTEWATER	WATER								
	. `	300 - UNCLASSIFIED WASTEWAT	300 - UNCLASSIFIED WASTEWATER	HAZARDOUS WASTE							
		310 - INDUSTRIA	310 - INDUSTRIAL WASTEWATER	905 - CAUSTIC AND ACID	, , , , , , , , , , , , , , , , , , ,						
	•	315 - REJECT WATER	ATER	910 - EXPLOSIVES							
	. •	320 - COOLING WATER	VATER	915 - HEAVY METAL SOLUTIONS						,	
				920 - INORGANIC CHEMICALS							
	•	UNKNOWN TYPE OF WASTE	DE OF WASTE	925 - ORGANIC CHEMICALS		, .					
•		800 - UNKNOWN	800 - UNKNOWN TYPE OF WASTE	930 - ORGANIC SOLVENTS AND OILS				-			
• •		OTHER		935 - PAINT AND INK WASTE 940 - PESTICIDES/FITMGICIDES							
٠	, 3	999 - OTHER - USE COMMENTS	SE COMMENTS	945 - PATHOLOGICAL/INFECTIOUS			.*				
				950 - LOW-LEVEL RADIOACTIVE						copied for clarification	_
				955 - MINING						5/24/94: DEP FORM	Σ



STATE OF FLORIDA
DEPARTMENT OF
DEPARTMENT OF
ENVIRONMENTAL
ENVIRONMENTAL
ENVIRONMENTAL
ENVIRONMENTAL
ENVIRONMENTAL
ENVIRONMENTAL
ENVIRONMENTAL
ENVIRONMENTAL
ENVIRONMENTAL
ENVIRONMENTAL
NORTHEAST DISTRICT
LACKSONVILLE, FL

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:Ih

Enclosures

cc: Brian Dolihite, w/o encl.



Department of Environmental Protection

	# 62-701.900(21) Waste Tire Processing Facility Quarterly Report
Effective Da	ate <u>3/22/00</u>
DEP Applic	ation 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.

arter covered b	y this report	1ST QTR 2	2005	(First quarter	begins on Ja	nuary 1	l of any	given year)
I. Facility name	: TRAIL RII	DGE LANDFI	LL				38. 25. 23.	
2. Facility mailir	ng address:	5110 U.S. HI	GHWAY 301	SOUTH				
City: BALD	WIN		County: _	DUVAL		Zip:	32234	-3608
3. Facility permi	it number: 0	013493-010-	sc					
I. Facility telepl								
. Authorized p			REG MATH	ES				
. Affiliation wi			OF LANDFIL	L OPERATION	ONS			
. Telephone nu	-	erent from abo	ve): ()				
. Activity: Re			· · · · · · · · · · · · · · · · · · ·					
	Beginning Inventory	Received	Processed	Consumed	Removed	Adju	stments	Ending Inventory
Used Tires	0	308			261			47
Other whole Tires								
Processed tires								
Processing Waste								
Other								
Total	0	308			261			47
. Explain all inv	od in which o			ntory exceede	ed the permit	ted max	ximum fo	or that
For any exce Attach Addit	ional sheets,	at the end of t if necessary.	he quarter, st	ate how and v	when this co	ndition	will be r	elieved.
			المتصرف والمعادات	· · · · · · · · · · · · · · · · · · ·	to alote one of the			
Certification: To the best o	f my knowledg	e and belief, I c	ertify the inform	nation provided	in this report i	is true, a		and complete

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#. 11080		
Date: 3/7/2005	New Property:	Existing Property:
Business Name: TRAIL RIDGE LANDFILL, INC.		· · · · · · · · · · · · · · · · · · ·
Owner / Manager: LINDA HAIR, OFFICE MANA	GER	
Address: 5110 US HIGHWAY 301 SOUTH	,	
City: BALDWIN State	<u>FL</u>	Phone #: (904) 289-9100
Occupancy Use: <u>Industrial</u>		
YOUR ATTENTION IS CALL	ED TO THE FOLLOW	VING VIOLATIONS:
Discrepancy / Location / Code: NFPA 72 7-3 2* Testing. [Not maintaining annual t	esting on fire alarm panels in	main office and service building.]
Comments / Instructions: The above violation needs to be corrected immediate	ely.	
FAILURE TO CORRECT THESE VIOLATIO PENALTIES AS REQUIRED BY LAW.	NS MAY RESULT IN CIV	IL AND / OR CRIMINAL
This occupancy meets minimum fire safety requiren	nents at this time. Yes	
I acknowledge receipt of this form: Linda Hair, Office Manager	Linda W	ai 3/7/05
Representative Name (Please Print)	(Signature)	Date
I certify on this date, I made an inspection of the abo	ove premises.	
Insp. John W. Scott III	1/2/1	1 1080 7 Klar 05
Inspector's Name	(Signature)	Date



TRAIL RIDGE LANDFILL, INC.

3110 U.S. Highway 301 South Baldwin, FL 32234-3608 904) 289-9100 (904) 289-9013 Fax

May 13, 2005

Ms. Mary C. Nogas, P.E.

STATE OF FLORIDA Florida Department of Environmentab Protection of Env. PROTECTION 7825 Baymeadows Way, Suite 200B NORTHEAST DISTRICT - JACKSONVILLE 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.

MAY 1 6 2005

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

Sincerely,

Greg Mathes

Director of Landfill Operations

They Markes L

GM:lh

Attachments

Chris Pearson w/attachments

Brian Dolihite

I sometimes of the

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, W	/INDS LIGHT & VARIABLE 80°F
BAROMETRIC PRESSURE:NR	

MONITOR			PERCENT	WATER	
POINT	TIME	PRESSURE	METHANE	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	Control of the Contro
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 $\rm H_20$

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

April 6, 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

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:Ih Enci.

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

	. 	Tra -eachate/Rá	Trail Ridge Landfill /Rainfall: First Qua	Trail Ridge Landfill Leachate/Rainfall: First Quarter 2005	005	
				Total		
Month	Rainfall	Primary	Secondary	Produced	Transported	Recirculated
January	0.61	512,300	1,300	513,600	516,000	1
February	3.02	408,900	1,300	410,200	432,000	,
March	4.42	434,900	1,800	436,700	492,000	-
OTR. 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

	Rainfall	Leachate	Leachate	Total Leachate	Gallons Leachate	Gallons Leachate
Date	Inches	Primary	Secondary	Produced		Recirculated
1/1/05				AND THE PARTY OF T		
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	1985 19					
1/9/05						
1/10/05	0	41,800	_	41,800	18,000	
1/11/05	.0	13,500	<u> </u>	13,500	24,000	
1/12/05	0	13,700		13,700	18,000	
1/13/05	0	15,000	<u>-</u>	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	Section of the second section of the second section of the second second second second second second second se
1/22/05	Application of the second of t				54,000	
1/23/05	Total					
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	THE STATE OF THE S	8,400	-	8,400	18,000	
1/29/05	Ex. 994, caption tax community					
1/30/05			Tribu Landin			
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

	Deinfall		II OVEI 4492 IET AL	Total	Gallons	Gallons
Date	Rainfall Inches	Leachate Primary	Leachate Secondary	Leachate Produced	Leachate Transported	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					113111	
2/6/05				化可以多数		
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	<u> </u>	12,900	30,000	
2/19/05	in making a series of	· · · · · · · · · · · · · · · · · · ·		title reali		
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

ainfall: First Q	uarter 2005		ii Over 4492 let Mai	Total	Gallons	Gallons
	Rainfall	Leachate	Leachate	Leachate	Leachate	Leachate
Date	Inches	Primary	Secondary	Produced		Recirculated
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	14 - 12 1 - 14 1	47-1-12-18-3-1				The second second
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	4.44.44					
3/13/05						and a result of
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						11-11-61-1
3/21/05	0.05	44,800	<u>-</u>	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	-	-	<u>-</u>	30,000	
3/26/05		·中华市之为《中华的山山 15. 新年中华南美国公司				
3/27/05			AMENIA	制建设置的	THAT	
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	