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#### **Omni Waste LLC**

2 Riverplace, Suite 466 P.O. Box 2116 Dayton, OH 45401 Phone 937-220-4876 Fax 937-228-1217

124 North 5th Avenue Jacksonville Beach, FL 32250 Phone (904) 247-3255 Fax (904) 247-7650

July 16, 1999

Mike Kloehn Osceola County Planning Department 17 S. Vernon Avenue, Room 246 Kissimmee, FL 34741



RE: Oak Hammock Disposal

Dear Mike:

Enclosed are our responses to County Staff questions dated June 4, 1999 (Tab A). We have listed each question in bold print followed by our response. One copy of the Sarasota Landfill Property Valuation Study is provided as requested. The conditional use application and development plan have been modified and are included as Tab B. The changes were made after conversations with the adjoining property owners and considering our meetings with county staff; the conditional use review criteria related to impacts to adjoining properties; and comprehensive plan policies related to buffering agricultural uses. Although the location of the landfill footprint remains the same, the location of the buffer area has been modified. The Historical Evaluation has been added to the application and the traffic study has been revised.

Tab C includes our initial responses to Osceola County Comprehensive Plan Goals, Policies, and Objectives that we felt were applicable to our project. Please let me know if we missed any.

We appreciate all the help and cooperation we've received from you and your staff. If you have any questions please do not hesitate to call me.

Sincerely,

Timothy J. Salopek President

TJS/ss



Jeb Bush Governor

# Department of Environmental Protection

Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

Colleen Castille Secretary

MEETING ATTENDANCE RECORD

Purpose: Oak Hammock Pre-application meeting

Date: 08/16/06

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	(	Debenah Helle	Leonar do Anglero	DEBRA LAISURG	JAY EUN	ERIK NELSON	A. GUPTA	Shawn McCash	George Cheryan	Jim Bradner	Name
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# Agenda for Meeting with FDEP on 16 August 2006 (10-12 am)

Subject: Renewal Permit Application for Phases 2 and 3 Oak Hammock Disposal Facility Osceola County, Florida

# Current Permit

- + Phase 1 with 4 cells; 3 cells with waste; 4<sup>th</sup> cell under construction
- ✤ Phase 1: Footprint 53 acres and Top EL. 180'±

# Timeline

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- Permit expires Aug 2007
- ♣ At capacity in Apr 2007 (expected)
- **k** Renewal permit application submittal Aug-Sep 2006

# Conference Call Recap and Follow-up (28 July 2006)

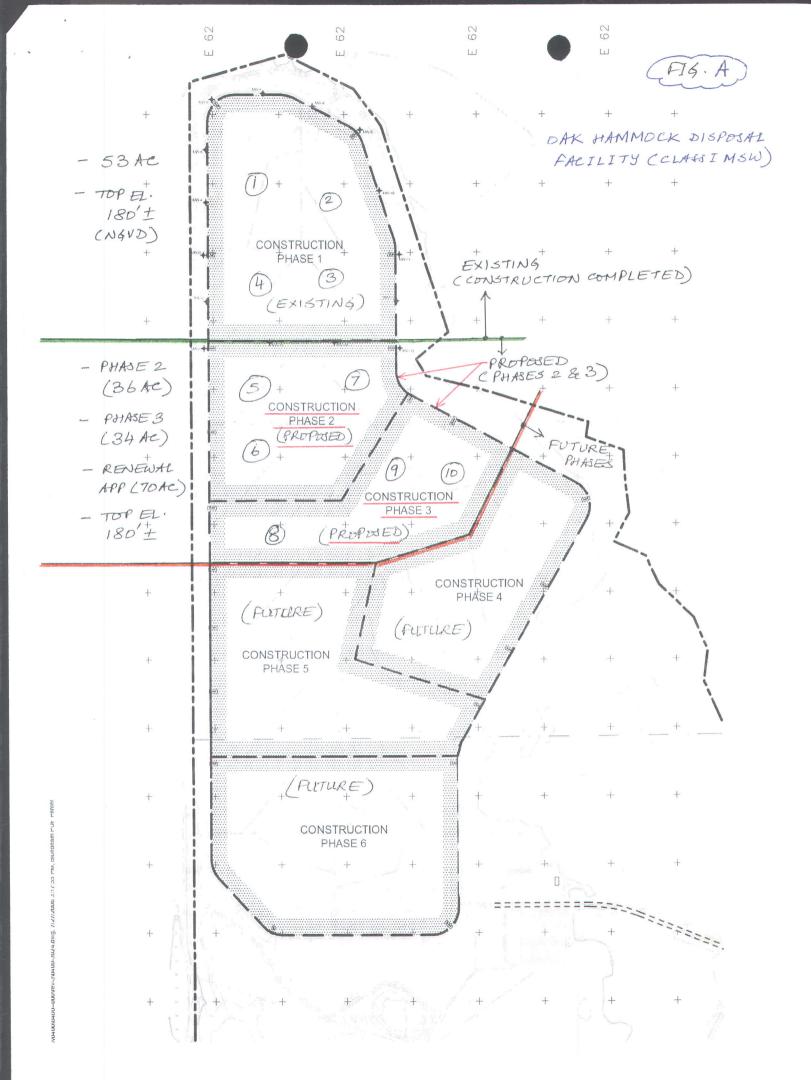
- ↓ Vertical expansion approved (Max. height 250 ft)
- ★ 3 alternatives discussed (for future phases and vertical expansion)
- Alternative Selected: Two step process (for the 3 permits)
- **k** Renewal Permit App followed by a Modification Permit App
- ✤ Step 1-Renewal: Permit Phases 2 & 3 for next 5 yrs; No changes to landfill configuration or design
- ↓ Step 2-Modify Renewal Permit: Permit vertical expansion; Change base grading and other design concepts

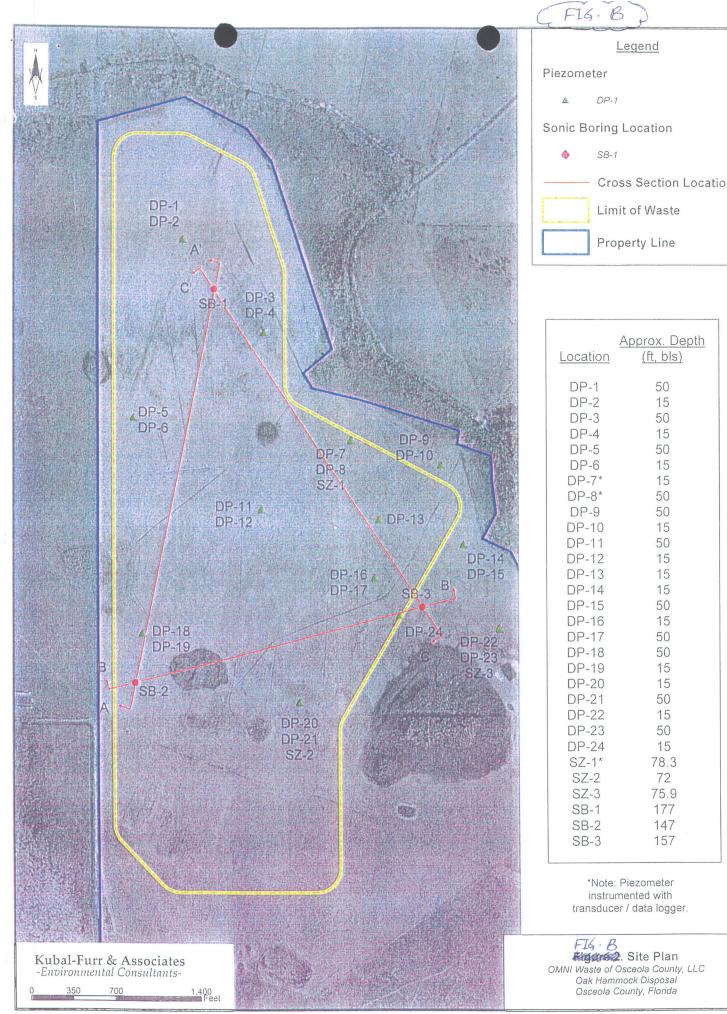
# **Renewal Permit Application**

- ↓ App Details: Form; Renewal for Con/Op; App fee ??
- ↓ Notice of App: Publication, County, Senators ??
- **4** Site Investigation: Geotechnical and Hydrogeologic
- ✤ Analyses: BC, Slope stability, and Settlement
- ✤ Final Cover: Stability and Performance evaluation
- ✤ Plans: Leachate Monitoring and Operation
- ✤ Tech specs and CQA plan
- Expand GWQ monitoring network (to southern limits of Phase 3)
- Leachate Management System: Phase 2 and Phase 3 FLSC locations; Central drain per minor mod app; By reference only??
- + Financial Assurance: For each new cell; Unit rates from bids for construction acceptable??

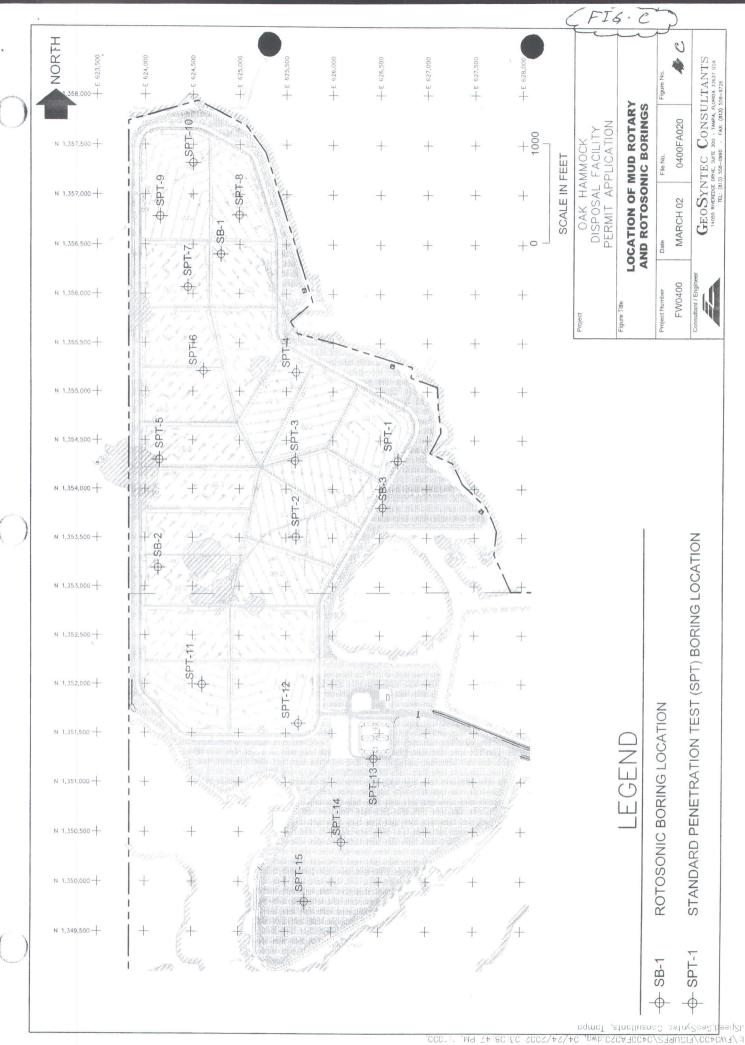
# Environmental Resource Permit (ERP)

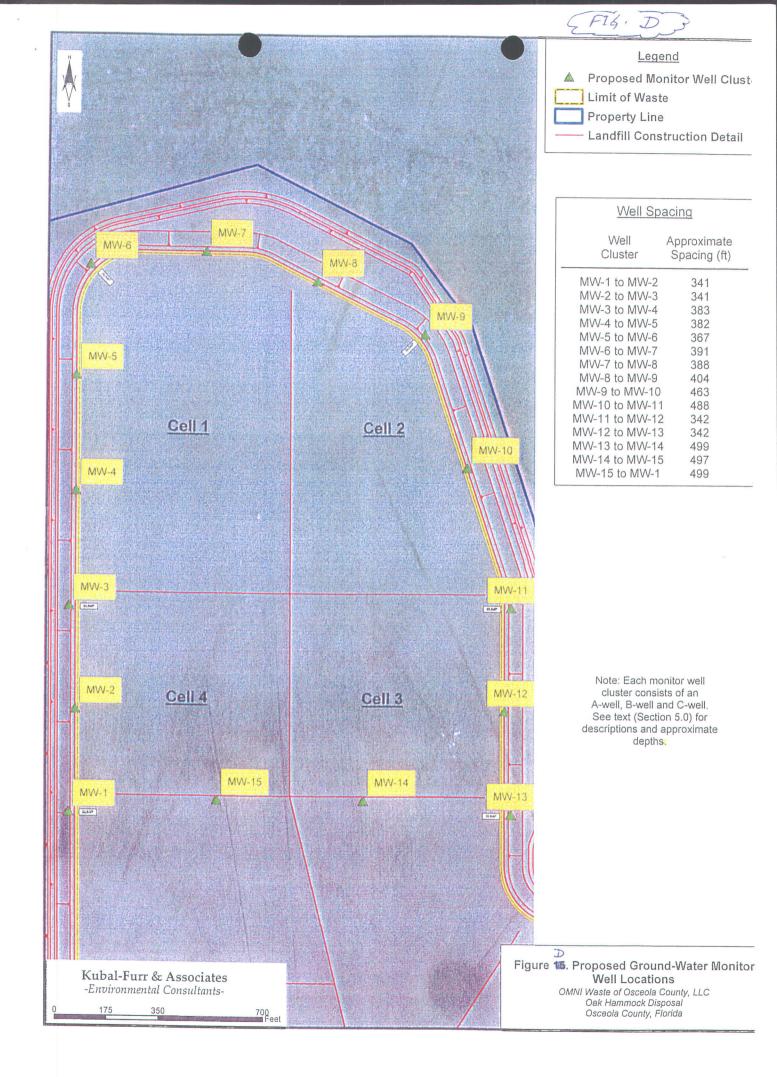
- ✤ Wetlands impact; Wetlands mitigation; Wildlife survey
- ↓ Individual permit (Sections A, C, and E); Conceptual already approved
- + For Phase 2 only at this time (Perimeter and Intermediate berms)
- ↓ No new construction for storm water management
- ↓ Minor modifications to existing storm water system (Treatment area and Phasing)

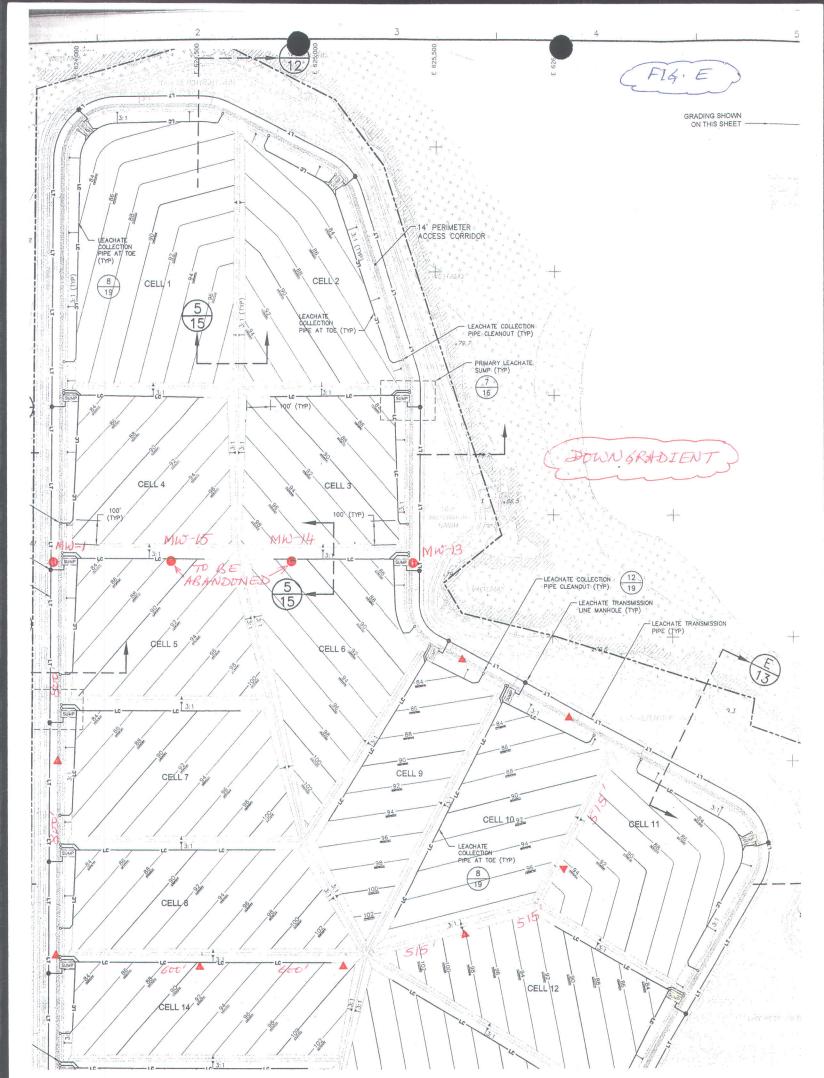


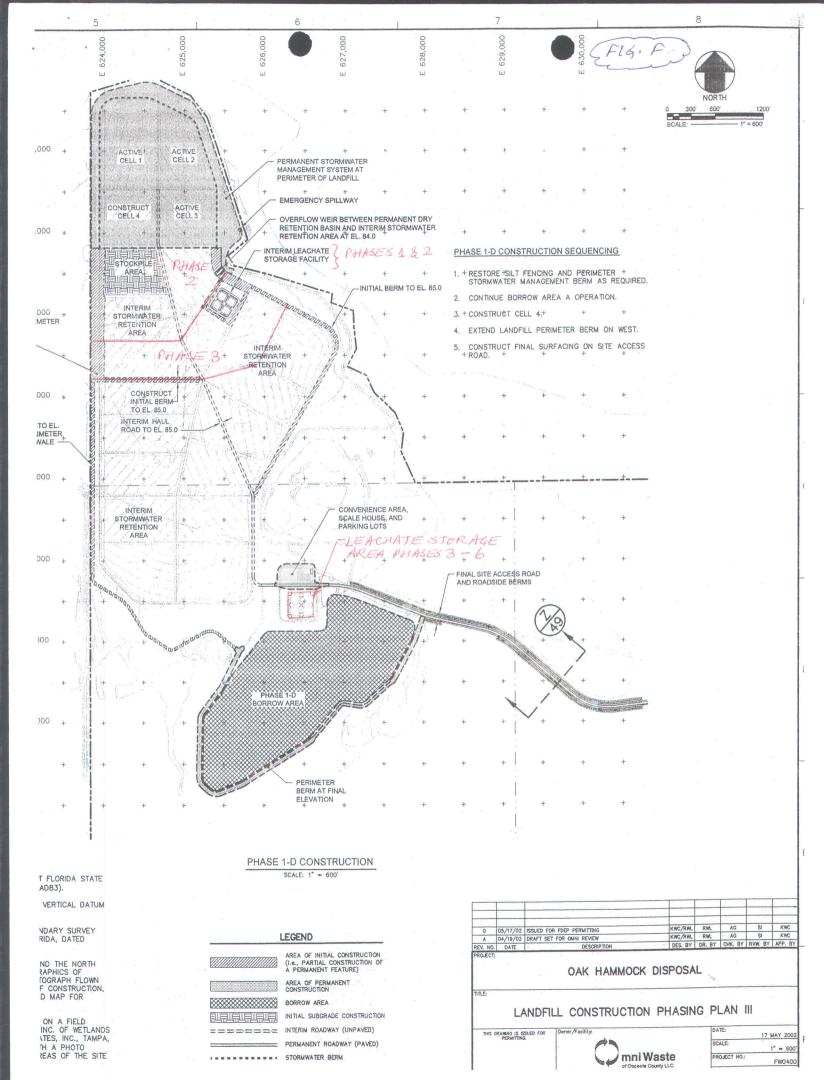


OMNI Waste of Osceola County, LLC Oak Hammock Disposal











Mr. James N. Bradner, P.E. 12 February 2004 Page 2

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	Cell 1	Cell 2	Cell 3	Cell 4	Total Cost
Closure	\$1,294,048	\$892,348	\$787,619	\$787,619	\$3,761,633
Long-Term Care (30 years)	\$2,427,793	\$566,422	\$507,612	\$507,612	\$4,009,440
Total	\$3,721,840	\$1,458,770	\$1,295,231	\$1,295,231	\$7,771,073

Cells Containing Waste	Closure Cost   Long-Term Care Cost		Financial Assurance Requirements (2003)
1	\$1,294,048	\$2,427,793	\$3,721,840
1, 2	\$2,186,395	\$2,994,215	\$5,180,611
1, 2, 3	\$2,974,014	\$3,501,828	\$6,475,842
. 1, 2, 3, 4	\$3,761,633	\$4,009,440	\$7,771,073

The closure and long-term care cost estimate for 2004 were estimated using 1 percent inflation for the past year. The inflation factor of 1.01 was obtained from the FDEP website. A print-out of the FDEP website indicating the *current year inflation factor* as 1.01 as of 11 February 2004, is included as Attachment A. The inflation adjusted 2004 closure and long-term care cost estimate for the four cells in Phase 1 of the OHDF and the phased financial assurance requirements are presented in the tables below.

	Cell 1	Cell 2	Cell 3	Cell 4	Total Cost
Closure	\$1,306,988	\$901,271	\$795,495	\$795,495	\$3,799,249
Long-Term Care (30 years)	\$2,452,071	\$572,087	\$512,689	\$512,689	\$4,049,534
Total	\$3,759,059	\$1,473,358	\$1,308,184	\$1,308,184	\$7,848,784

Cells Containing Waste	Closure Cost	Long-Term Care Cost	Financial Assurance Requirements (2004)
1	\$1,306,988	\$2,452,071	\$3,759,059
1, 2	\$2,208,259	\$3,024,157	\$5,232,417
1, 2, 3	\$3,003,754	\$3,536,846	\$6,540,600
1, 2, 3, 4	\$3,799,249	\$4,049,534	\$7,848,784

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-Jacob

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# REFERENCES

# **APPENDICES**

Appendix A FDEP Form 62-701.900(1)

- Appendix B Application for an Environmental Resources Permit
- Appendix C Site Ownership
- Appendix D Notice of Application Publication
- Appendix E Hydrogeologic Investigation Report and Water Quality Monitoring Plan
- Appendix F Geotechnical Investigation Report
- Appendix G Bearing Capacity Analysis
- Appendix H Slope Stability Analysis
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- · Appendix J Stability of Final Cover System
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- · Appendix L Gas Management System
- · Appendix M Final Cover System Performance Evaluation
- · Appendix N Leachate Monitoring Plan
  - Appendix O Operation Plan
  - Appendix P Technical Specifications
  - Appendix Q Construction Quality Assurance (CQA) Plan
  - Appendix R FDEP Form 62-701.900(28)

# FIGURES

- 1. Location of OHD Site
- 2. Landfill Footprint and Phases

Osce of C. JW Page 1 of 2 Oale Hammele 2F

# Bradner, James

From: AGupta@GeoSyntec.com

Sent: Thursday, July 27, 2006 12:27 PM

To: Bradner, James

Subject: Conference Call - OHDF

Hi Jim,

Jelinderene en 19/28/2008

Shawn McCash of WSI and I will participate in the 9 am conference call tomorrow. Please see Shawn's e-mail below for a conference call # and code. I am working on the agenda for the meeting and will forward it to you as soon as possible. Thanks

#### Ayushman Gupta, P.E.

#### **GeoSyntec Consultants**

14055 Riveredge Drive, Suite 300 Tampa, FL - 33637 Tel: 813-558-0990 Ext. 235 Fax: 813-558-9726 Visit us at: www.geosyntec.com

From: Shawn McCash [mailto:SMcCash@wasteservicesinc.com]
Sent: Thursday, July 27, 2006 11:56 AM
To: Ayushman Gupta
Subject: Conference Call Info

Ayushman,

Please utilize the following for our 9:00 am conference call with Jim Bradner:

Conference Call Number: (877) 357-4453

Participant Code: 924763 #

Regards,

# **R. Shawn McCash**

Sr. Vice President, Landfill Operations & Engineering Waste Services, Inc. 5002 T-Rex Avenue, Suite 200 Boca Raton, Florida 33431 (561) 237-3414 [Office] (561) 237-3401 [Fax] smccash@wsii.us [eMail]

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# Agenda for Conference Call with FDEP on 28 July 2006 (9 am)

Subject: Vertical Expansion Permitting Oak Hammock Disposal Facility Osceola County, Florida

Current Permit:

Phase 1 with 4 cells Permit expires Aug 2007 Footprint 53 acres Top EL. 180'±

**Proposed Expansion:** 

Vertical expansion of Phase 1 to top EL.  $250^{+}$ Vertical expansion of remaining phases (top EL.  $330^{+}$ ) Detailed design of Phase 2 expansion with 4 to 6 cells (Permit for next 5 years)

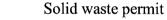
# Timeline:

At capacity in Apr 2007 (expected) Permit expires Aug 2007 (Permit application submittal Aug-Sep 2006

# Alternative for Continued Operations:

- 1. First permit Phase 2 with 5 cells in accordance with the existing conceptual permit (followed by vertical expansion of all phases)
- 2. First permit Phase 1 vertical expansion (followed by vertical expansion of remaining phases and detailed design of Phase 2 corresponding to next 5-yr permit)
- 3. Vertical expansion of all phases and detailed design of Phase 2 (corresponding to the next 5-yr permit)

# Permitting Requirement for the Alternatives:

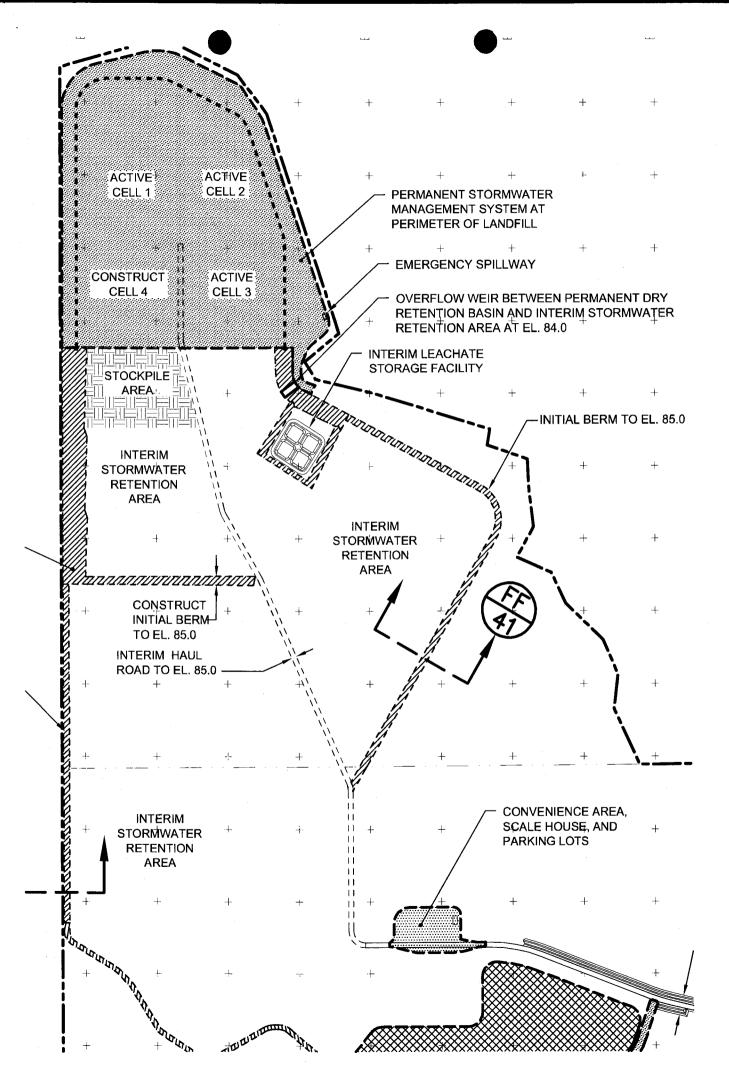


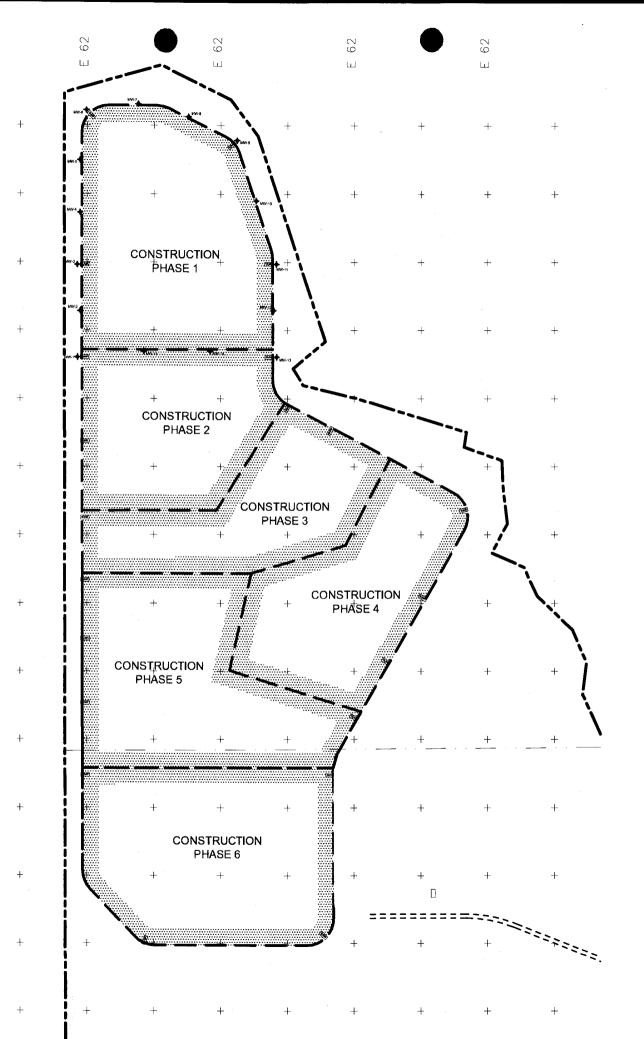
Groundwater monitoring network

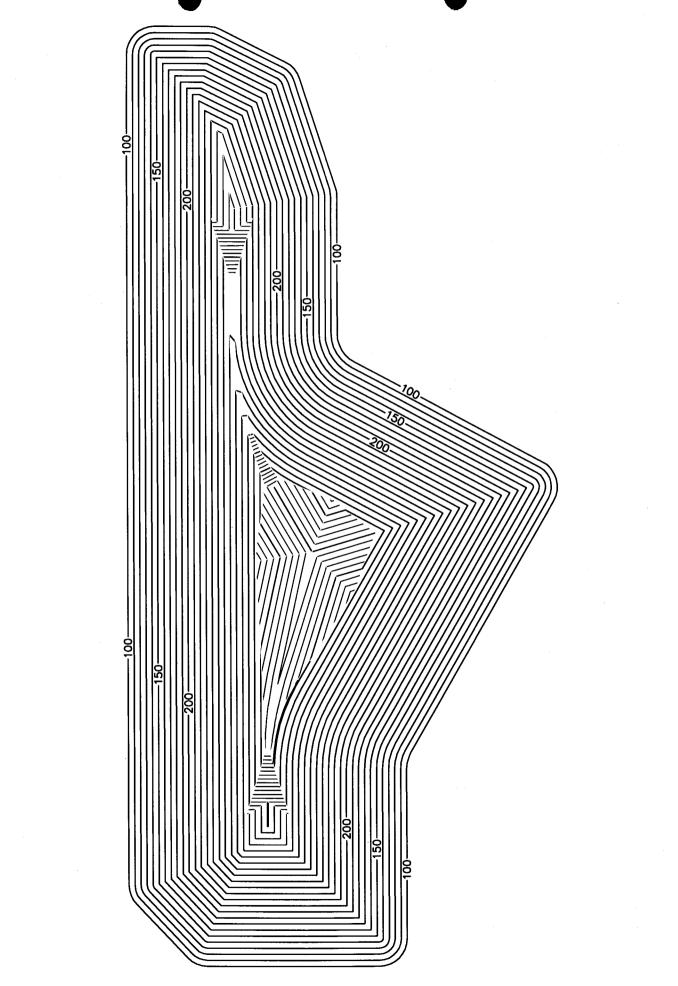
Environmental resource permit (ERP) PSD/Air Construction Permit

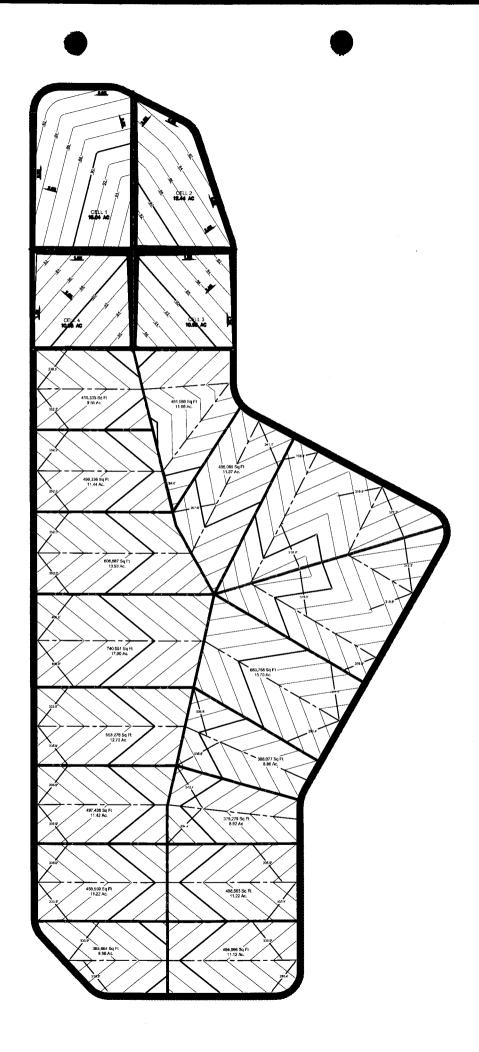
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The J.E.D. Solid Waste Management Facility

1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax

Kandall Cunningham TO: Mike Rowley FROM: 407-893-3124 FAX#: SUBJECT: Medico Documenta 7/26/04 DATE: (including cover sheet) PAGES:

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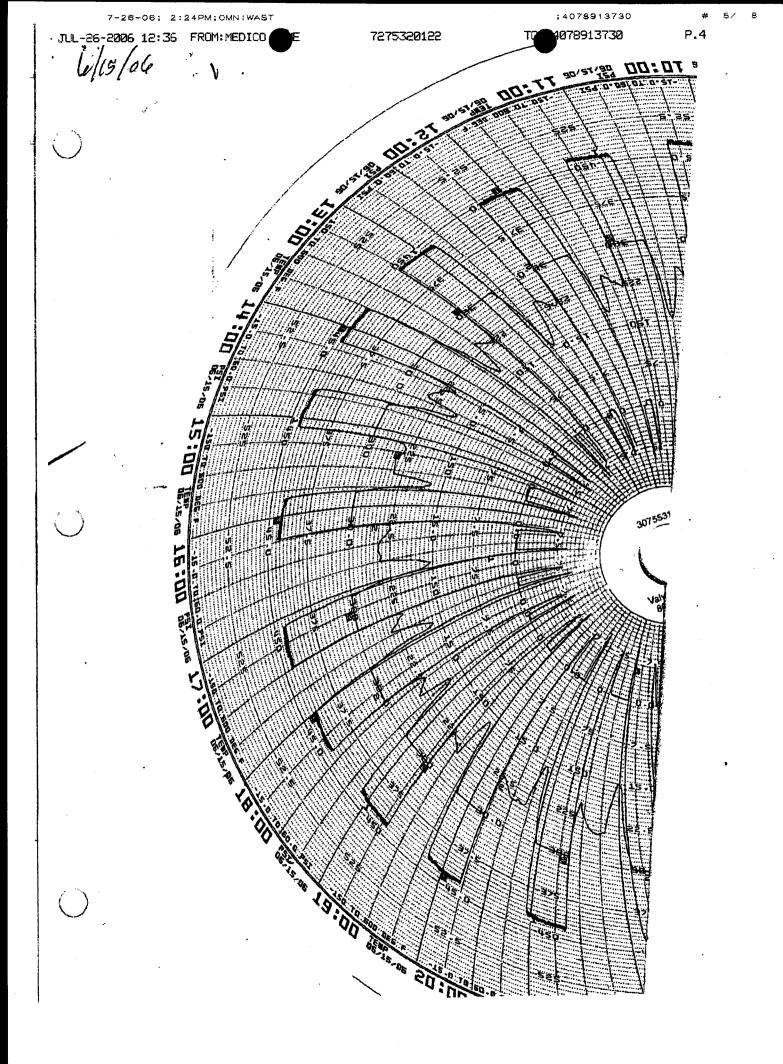
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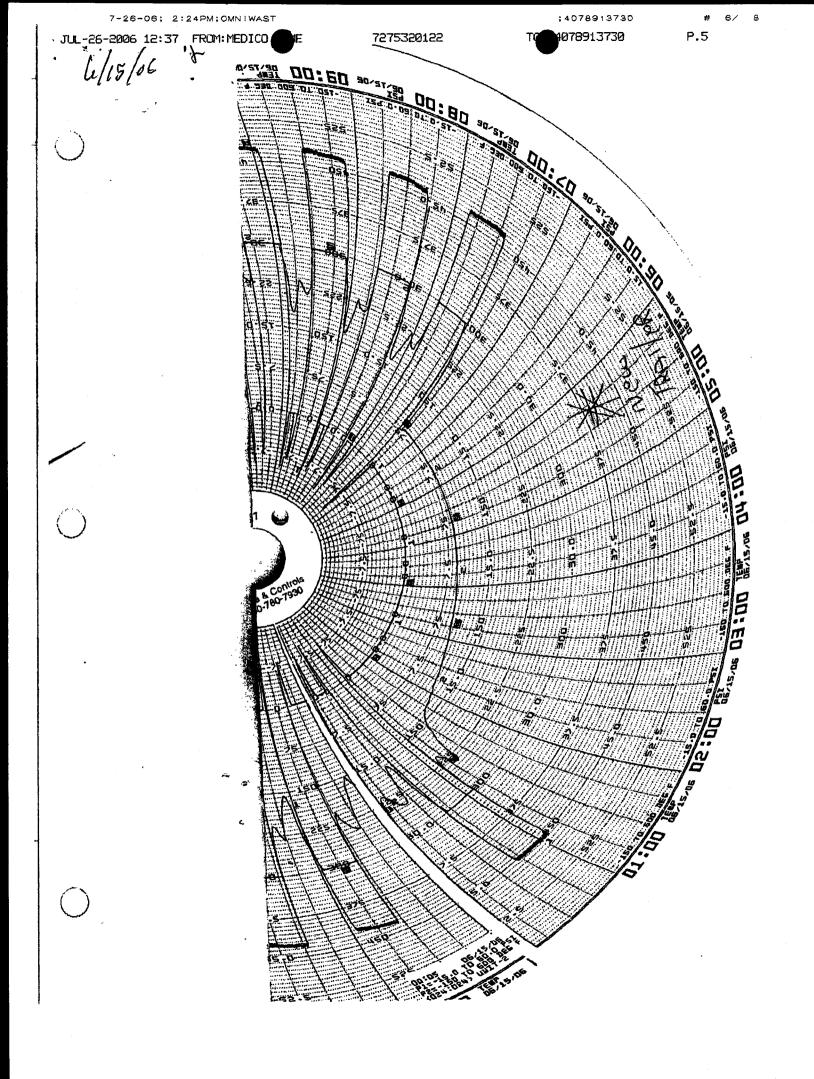
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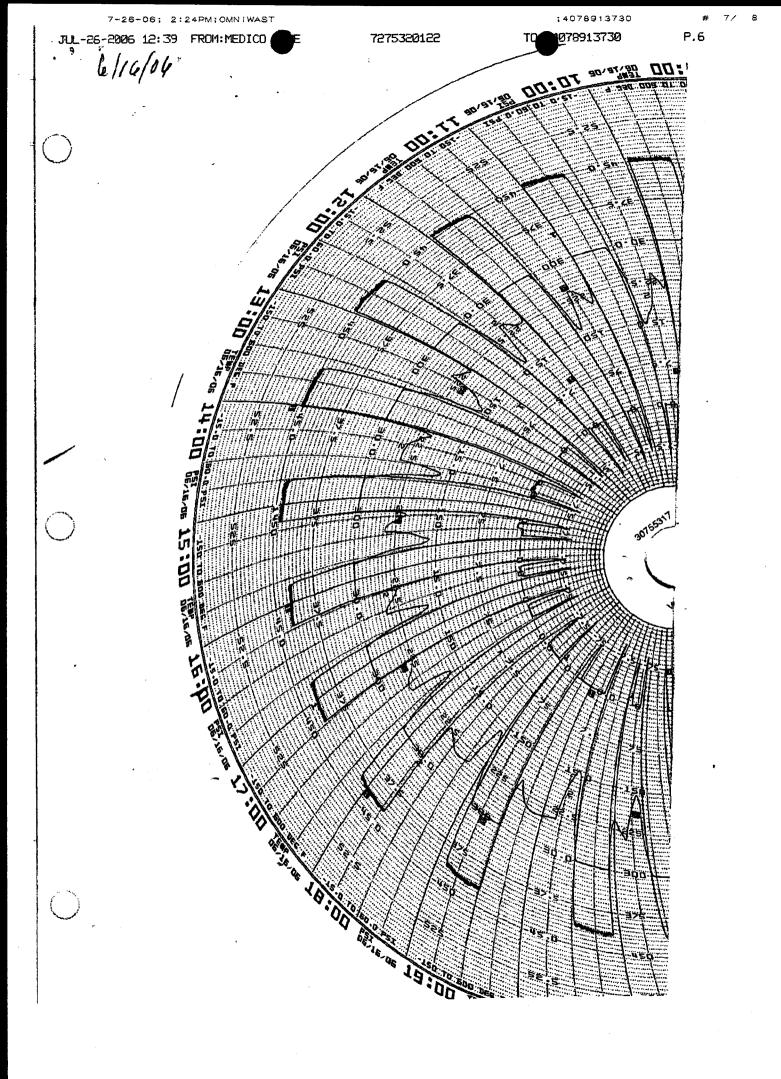
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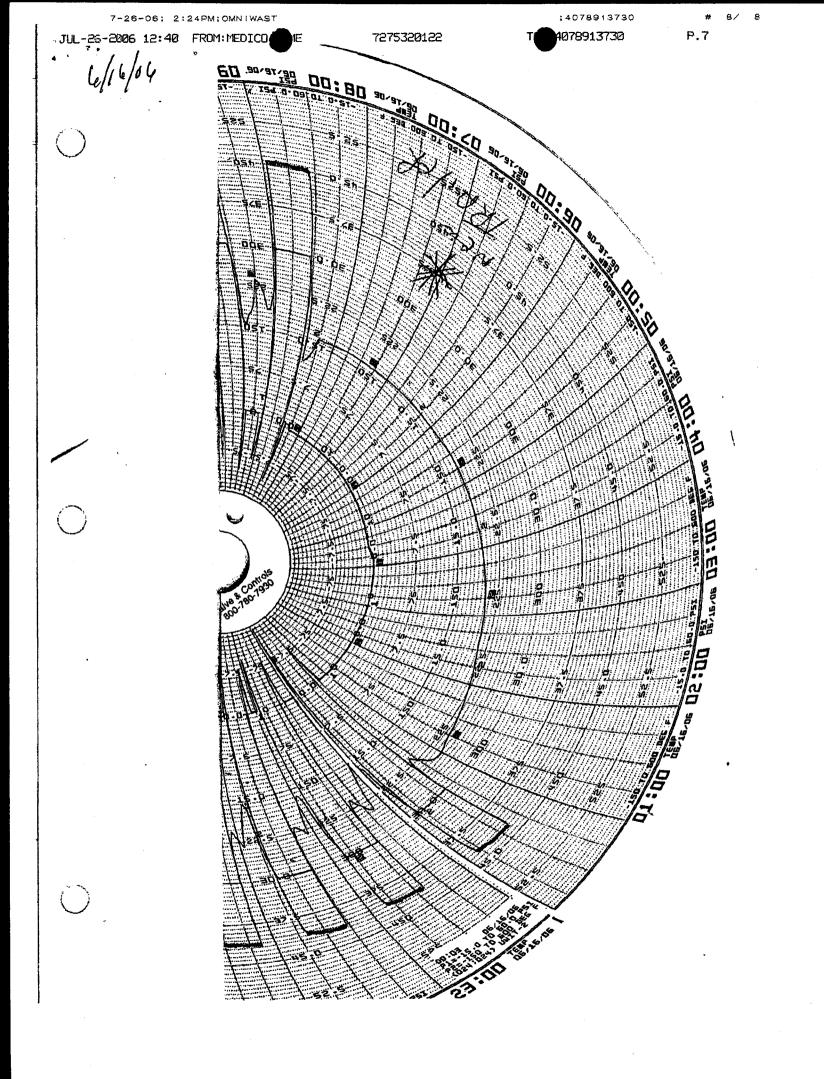
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# Williams, Elizabeth

From: To: Sent: Subject: Hornbrook, Frank Williams, Elizabeth Tuesday, July 25, 2006 11:01 AM Read: Oak Hammock Disposal Fac. fin. memo 0303

Your message

Cc:	Hornbrook, Frank
Subject:	Oak Hammock Disposal Fac. fin. memo 0303
Sent:	7/25/2006 10:44 AM

was read on 7/25/2006 11:01 AM.

Memorandum

Florida Department Of Environmental Protection

fils

#### **CENTRAL DISTRICT**

TO:	Financial Coordinator Solid Waste Section MS-4565 Division of Waste Management	OCD-SW-06-0303
FROM:	James N. Bradner, P.E. Manager, Solid and Hazardous Waste Program	
DATE:	July 25, 2006	
SUBJECT:	Osceola County – SW Omni Waste of Osceola County, LLC Oak Hammock Disposal Facility Review of Financial Assurance Cost Estimates	

We have reviewed the attached closure and long-term care cost estimates dated July 10, 2006 to include Cell 3 for the subject facility and believe that they are adequate for the site at this time.

Please feel free to contact me if you need any additional information.

JNB/gc/ew

Enclosure

cc: Frank Hornbrook - DEP - Tallahassee - MS-4565

GEOSYNTEC CONSULTANTS

10 July 2006

RECEIVED 12006 GH 12006 Gentral UISL-UEP

Mr. James N. Bradner, P.E. Program Manager, Solid/Hazardous Waste Florida Department of Environmental Protection, Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

Subject: Closure and Long-Term Care Costs Update to Include Cell 3 Oak Hammock Disposal Facility Osceola County, Florida Permit Nos. SC49-0199726-001 and SO49-0199726-002 & 003

Dear Mr. Bradner:

On behalf of Waste Services, Inc. (WSI), GeoSyntec Consultants (GeoSyntec) is submitting this letter to update the closure and long-term care cost estimate for the Oak Hammock Disposal Facility (OHDF) in Osceola County, Florida. The closure and long-term care cost estimate for OHDF is being updated to include Cell 3, the fourth and last cell in the Phase 1 development of the OHDF (Phase 1 of the OHDF consists of four cells – Cells 1 through 4). Cell 3 is currently under construction and is expected to begin accepting waste in the last quarter of 2006.

It is noted that the inflation-adjusted 2006 closure and long-term care cost estimate for the OHDF (in compliance with Rule 62-701.630(4), Florida Administrative Code) was submitted by GeoSyntec to the Florida Department of Environmental Protection (FDEP) in a letter dated 22 February 2006. The closure and long-term care costs adjusted in February 2006 included three cells, i.e., Cells 1, 2, and 4. This letter updates the February 2006 closure and long-term care cost estimate for OHDF to include Cell 3, which is expected to begin accepting waste in the last quarter of 2006.

The inflation-adjusted 2006 closure and long-term care cost estimates for the four cells in Phase 1 of the OHDF are presented in the table below. <u>The closure and long-term care cost estimate for each of the four cells (Cells 1 through 4 in Phase 1) noted below are same as that presented in the GeoSyntec's letter dated 22 February 2006, which have been reviewed and approved by FDEP.</u>

J:\TWP\FL\FL0585-Omni Operations\Financial Assurance\Cell 3 Fin Assurance.doc

Mr. James Bradner 10 July 2006 Page 2

2006	Cell 1	Cell 2	Cell 3	Cell 4	Total Cost
Closure	\$1,353,125	\$933,086	\$823,577	\$823,577	\$3,933,365
Long-Term Care (30 years)	\$2,538,629	\$592,281	\$530,787	\$530,787	\$4,192,484
Total	\$3,891,754	\$1,525,367	\$1,354,364	\$1,354,364	\$8,125,849

Waste has been and/or will be deposited in Cells 1 through 4 at the OHDF. As a result, financial assurance is required for the estimated closure and long-term care cost for all four cells. An updated Financial Assurance Cost Estimate Form (DEP Form # 62-701.900(28)) with closure and long-term care cost estimate for Cells 1 through 4 is attached.

If you have any questions or need additional information, please do not hesitate to contact the undersigned.

Sincerely,

Ayushman Gupta, P.E. Senior Engineer

Copy to: Fred J. Wick, FDEP, Tallahassee Shawn McCash, Waste Services, Inc.

J:\TWP\FL\FL0585-Omni Operations\Financial Assurance\Cell 3 Fin Assurance.doc

WENTH PROTECTION
FLORIDA

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Florida Department of Environmental Protection Twin

DEP Form # <u>62-701.900(28)</u> Form Title Financial Assurance Cost Estimate Form Effective Date 05-27-01 DEP Application No. (Filled by DEP)

Towers Office	• Bldg. •	2600 Blair	Stone Ro	oad • T	Fallahassee,	FL 3	2399-2406	)

# FINANCIAL ASSURANCE COST ESTIMATE FORM

Date: 10 Ju	ly 2006	Date of DEP Approval:		
I. GENERAL INFORMATI	ON:			
Facility Name: <u>Oak</u> I	łammock Dispo	sal Flacility 5-001 and 6-002 \$ 003	_ WACS or GMSID #:	89544
Permit / Application No.:	5049 - 0199720 <u>5049 - 01997</u> 2	6-001 and 6-002 \$ 003	_ Expiration Date:	28 August 200
		, St. Cloud, F		
Permittee: <b>OMNI</b>	Waste of Osce	ola County, LLC	(Waste Services	, Inc)
Mailing Address:	ame as above	·		
Latitude: 28°03	<b>5′31″</b> Longitud	de: <b>8 ° 05 ′ 46 ″</b>	or UTM:	
Solid Waste Disposal Un	its Included in Estim			
		Date Unit Began	Design Life of Unit	
		Accepting	From Date of Initial	
Phase / Cell	<u>Acres</u>	Waste	Receipt of Waste	-
<u>PH1 / Cell  </u>	<u> </u>	Jan 2004 Sep 2005	Life of Phase	
pH&/ Cell 4	12	<u>Sep 2005</u>	is approximately	-
<u>PH1 / Cell 2</u> PH1 / Cell 3	12	20 of 2006	5 yrs.	
<u>FIII / CEI J</u>		Expected in 4Q of 2006		
				• • • • • • • • • • • • • • • • • • •
				-
Total Landfill Acreage inclu	uded in this estimate.	Closure	53	Long-Term Care
Type of facility: X	Class I	_Class IIIC&E	) Debris Disposal	Other
II. TYPE OF FINANCIAL	ASSURANCE DOCU	MENT (Check Type)		
Letter of	Credit*	Insurance	Certificate	*Indicates mechanisms that
Surety B	ond*	Escrow A	ccount	require use of a Standby Trust Fund
Trust Fu	nd Agreement	Financial	Test	Agreement
Northwoot District Norths	oot District			

Northwest DistrictNortheast DistrictCentral DistrictSouthwest DistrictSouth District160 Governmental Center7825 Baymeadows Way, Ste. B2003319 Maguire Blvd., Ste. 2323804 Coconut Palm Dr.2295 Victoria Ave., Ste. 364Pensacola, FL 32501-5794Jacksonville, FL 32256-7590Orlando, FL 32803-3767Tampa, FL 33619Fort Myers, FL 33901-3881850-595-8360904-448-4300407-894-7555813-744-6100941-332-6975

 2295 Victoria Ave., Ste. 364
 400 North Congress Ave.

 Fort Myers, FL 33901-3881
 941-332-6975

 561-681-6600

Southeast District





#### III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

# (a) Inflation Factor Adjustment to Include Cell 3 (Phase )

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste Financial Coordinator at (850)-245-8732.

This adjustment is based on the Department approved closure cost estimate dated:				22 FIEB 2006
Latest Department Approved Closure Cost Estimate:	X	Current Year Inflation Factor	=	Inflation Adjusted Closure Cost Estimate: <b>4 3,933, 365</b>
This adjustment is based on the De	epartment appro	ved long-term care cos	t estimate dated:	22 FIEB 2006
Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Annual Long-Term Care Cost Estimate:
	x _		=	\$\$4, 192, 484 (FOR 30 YRS)
Number of Years of <del>Inflation</del> Adjusted Lo		· –	X =	<b>\$</b> 4, 192, 484

#### (b) Recalculate Estimates (see section V)

#### IV. CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of the this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility and comply with the requirements of Florida Administrative Code (F.A.C.), Rule 62-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Ryle 62-791.630(4), F.A.C.

Signature of Engineer

Ayushman Gupta, Senior Engineer Name & Title (please type) GreoSyntec Consultants

54023

Florida Registration Number (affix seal) Suite 300 14055 Riveredge Dr. Tampa, FIL 33637 Mailing Address

813 - 558 - 0990 Ext. 235

**Telephone Number** 

4 Mi

Signature of Owner/Operator

R. Shawn McCash, Sr. Vice President Name & Title (please type) Waste Services, Inc.

561-237-3414

Telephone Number

smccash @ wasteservicesinc. com

Owner/Operator E-Mail Address

agupta @ geosyntec. com

**Engineer E-Mail Address** 



The J.E.D. Solid Waste Management Facility

1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax



July 3, 2006

Mr. James Bradner, P.E. Program Manager Solid/Hazardous Waste Department of Environmental Protection 3319 Maguire Blvd, Suite 232 Orlando, FL 32803-3767

RE: J.E.D. Solid Waste Disposal Facility (Oak Hammock Disposal Facility) Permit # SO49-0199726-002 1501 Omni Way St. Cloud, FL 34773

Dear Mr. Bradner:

Attached for your review is the 2006 2<sup>nd</sup> Quarter Waste Report for the above referenced facility.

If you have any questions or require additional information please do not hesitate to . contact me at (407) 891-3720.

Sincerely,

Sharon Stanfill Office Manager

/ss

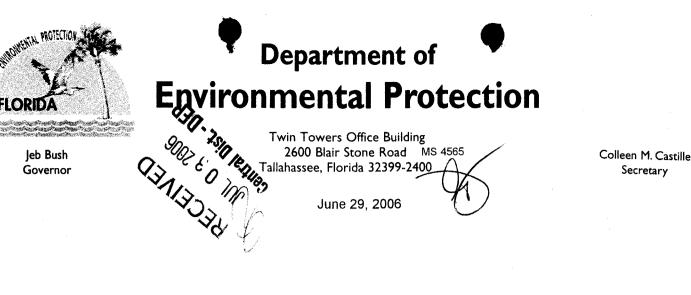
Attachment (1)

ec: Mike Rowley, Operations Manager

# Quantity Summary by Material & UOM Ticket Date In is between 4/1/2006 and 6/30/2006

	Disposal Qty	UOM
Asbestos	9.91	TN
Auto Fluff	22215.49	TN
Construction & Demo	11026.23	TN
Clean Fill	60.29	TN
Contaminated Soil	100904.20	TN
Cert. Weiaht	2.00	CW
CLASS 3 / ICI WASTE	28923.65	TN
Mun. Solid Waste White Good	1.00	EA
Mun. Solid Waste	136143.69	TN
Sludae	31515.28	TN
Special Waste	73449.94	TN
Car Tire	33.00	EA
Truck Tires	2.00	EA
White Goods	32.00	EA
Yard Waste	8.23	TN





Mr. Shawn McCash Omni Waste of Osceola, LLC 5002 T-Rex Avenue, Suite 200 Boca Raton, Florida 33431

Re: WACS 00089544 - Oak Hammock Disposal (Cells 1, 2 & 4)

Dear Mr. McCash:

I have reviewed the documentation submitted to demonstrate financial assurance for the above referenced facility and find it is in order. Evergreen National Indemnity Company endorsements to policy numbers 850576 for closing and 850577 for long-term care both dated June 21, 2006, demonstrate adequate financial assurance in the amount of the Department approved closing and long-term care cost estimates for cells I, 2 and 4 of phase I in the amount of \$3,109,788 and \$3,661,697, respectively. Therefore, Oak Hammock Disposal is in compliance with the financial assurance requirements of 40 CFR Part 264, Subpart H, as adopted by reference in Rule 62-701.630, Florida Administrative Code, at this time.

Remember, specific condition number 53 of your permit requires that proof of financial assurance must be approved at least sixty (60) days prior to any solid waste being accepted in cell 3 of phase 1. If you have any questions, please contact me at (850) 245-8745.

Sincerely.

Frank Hornbrook Environmental Specialist Solid Waste Section

FH

cc: Fred Wick, DEP/TLH James Bradner, DEP/ORL

Visit our Web Site: http://www.dep.state.fl.us/waste/categories/swft/

Where Proceediers, Less Frances 1

## Williams, Elizabeth

From:	Shawn McCash [SMcCash@wasteservicesinc.com]
To:	Williams, Elizabeth
Sent:	Friday, June 09, 2006 10:49 AM
Subject:	Read: Oak Hammock Disposal Fac., Class I modification ltr 0242

Your message

To: SMcCash@wasteservicesinc.com Subject:

was read on 6/9/2006 10:49 AM.

## Williams, Elizabeth

AGupta@GeoSyntec.com From: Sent: Friday, June 09, 2006 9:34 AM To: Williams, Elizabeth; SMcCash@wasteservicesinc.com Cc: Bradner, James; george.cheriyan@dep.state.fl.us; KWills@GeoSyntec.com RE: Oak Hammock Disposal Fac., Class I modification ltr 0242 Subject: We acknowledge the receipt of this e-mail to modify the requested changes in Cell 3 at OHDF. We would like to thank you for your prompt review and response. We certainly appreciate it. Thank you very much. Ayushman Gupta, P.E. GeoSyntec Consultants 14055 Riveredge Drive, Suite 300 Tampa, FL - 33637 Tel: 813-558-0990 Ext. 235 Fax: 813-558-9726 Visit us at: www.geosyntec.com ----Original Message-----From: Williams, Elizabeth [mailto:Elizabeth.Williams@dep.state.fl.us] Sent: Friday, June 09, 2006 9:26 AM To: smccash@wasteservicesinc.com Cc: Tedder, Richard; Ayushman Gupta Subject: Oak Hammock Disposal Fac., Class I modification ltr 0242 <<06-06-09 199726-3 Oak Hammock minor mod. 0242.pdf>> Adobe Acrobat Reader 6.0 can be downloaded for free at the following Internet site: http://www.adobe.com/products/acrobat/readstep.html It is imperative that you reply to this e-mail indicating that you received this document. It is important that we track this information. Elizabeth Williams elizabeth.williams@dep.state.fl.us Administrative Secretary - Waste Management Dept. of Environmental Protection 3319 Maguire Blvd., Ste. 232 Orlando, FL 32803 Telephone 407/893-3328 Suncom 325-3328 FAX 407/893-3124

## Memorandum

## Florida Deretment of Environmental Protection

TO:	Deborah Helle, P.G. G. DEPRADINE
FROM:	Jim Bradner, P.E.
DATE:	MAY 31, 2006
SUBJECT:	County: OSCEOLA Permit/OGC: MODIF OF PERMIT NO. 5049-0199726-00 PERMIT APPLICATION NO. S049-0199726-0 Facility: OAK HAMMOCK DISPOSAL FACILITY, CLASS I Attachment:
The attached	l is being sent to you for:
•	Information only
	Review and comments
f review com	ments are needed, please respond:
	By: (Solid Waste deadline is JUNE 12, 2006) As soon as possible for your achedule
•	As soon as possible for your schedule.
omments:	Only one copy in circulation - FILE COPY

## GEOSYNTEC CONSULTANTS

14055 Riveredge Drive, Suite 300 Tampa, Florida 33637 Tel. 813.558.0990 • Fax 813.558.9726

CK 063147

22 May 2006

Mr. James Bradner Florida Department of Environmental Protection **Central District** 3319 Maguire Blvd, Suite 232 Orlando, FL 32803

Minor Modification Application for Cell 3 Subject: Oak Hammock Disposal Facility Osceola County, Florida

Dear Mr. Bradner:

Transmitted herewith are two copies of the of the minor modification application for Cell 3. GeoSyntec Consultants has prepared this minor modification application on behalf of Omni Waste of Osceola County, LLC (Omni), which is a wholly owned subsidiary of Waste Services, Inc. (WSI). A check for \$250 towards the fee for the minor modification application is also included.

If you, or your staff, have any questions or need additional information, please feel free to contact the undersigned.

Sincerely,

Ayupta

Ayushman Gupta, P.E. Senior Engineer

Enclosures

Copy: Shawn McCash, Omni/WSI Matt Orr, Omni/WSI

CC R. TEDDER, P.E. G. DEPRADINE

J:\TWP\FL\FL0866-OHDF Operations\Cell 3 Redesign\Transmittal.doc



5002 T-Rex Avenue, Sulte 200, Boca Raton, FL 33431

June 26, 2006

Mr. Frank Hornbrook Solid Waste Financial Coordinator Florida Department of Environmental Protection 2600 Blair Stone Rd. MS 4565 Tallahassee, Florida 32399-2400

Subject: Financial Assurance Submittal Oak Hammock Disposal Facility Osceola County, Florida Permit Nos. SC49-0199726-001 and S049-0199726-002

Dear Mr. Hornbrook:

Please find attached the change in limits of insurance endorsement for the Oak Hammock Disposal Facility in the amount of the approved 2006 estimates of \$3,109,788 for closing and \$3,661,697 for long-term care. The changes in limits of insurance endorsement are for the financial assurance on file with the FDEP in the form of two Evergreen National Indemnity Company insurance polices # 850576 for closing and # 850577 for long-term care. I believe that you now have all of the documents required for the approval of the financial assurance of this facility. If you have any questions, or require any additional information during your review of these documents, please contact me at (561) 237-3414 [office] or smccash@wsii.us [email] at your earliest convenience.

Sincerely,

Shave McCash

R. Shawn McCash Sr. Vice President, Landfill Operations & Engineering Waste Services, Inc.

Attachments

cc: FDEP – Jim Bradner Matt Orr Don Groseclose

ECEIVED <sup>Central</sup> Dist. - DEP

## EVERGREEN NATIONAL INDEMNITY COMPANY CHANGE IN LIMITS OF INSURANCE ENDORSEMENT

THIS ENDORSEMENT CHANGES THE POLICY, PLEASE READ IT CAREFULLY

Policy Number: 850577

Endorsement Effective Date: June 21, 2006

Name of the Insured: Omni Waste of Osceola, LLC 2901 17<sup>th</sup> Street St. Cloud, Florida 34769

Insured Location: Oak Hammock Disposal Osceola County, Florida

In consideration of the premium paid it is understood and agreed that the Long Term Care LIMIT OF INSURANCE shown in the declarations is amended to read:

Long Term Care: Three Million Six Hundred Sixty One Thousand Six Hundred Ninety Seven and 00/100 (\$3,661,697.00)

COMPANY

EVERGREEN NATIONAL INDEMNITY COMPANY

By:

Karen LoConti-Diaz, Authorized Representative of Insurer United Nations Insurance Agency, Inc. 1900 N W Corporate Boulevard, Suite 400E Boca Raton, Florida 33431-8515 (800) 641-9222

RECEIVED JUN 2 7 2006 Central Dist - DEP

## EVERGREEN NATIONAL INDEMNITY COMPANY CHANGE IN LIMITS OF INSURANCE ENDORSEMENT

### THIS ENDORSEMENT CHANGES THE POLICY, PLEASE READ IT CAREFULLY

Policy Number: 850576

Endorsement Effective Date: June 21, 2006

Name of the Insured: Omni Waste of Osceola, LLC 2901 17<sup>th</sup> Street St. Cloud, Florida 34769

Insured Location: Oak Hammock Disposal Osceola County, Florida

In consideration of the premium paid it is understood and agreed that the Closing LIMIT OF INSURANCE shown in the declarations is amended to read:

<u>Closing : Three Million One Hundred Nine Thousand Seven Hundred Eighty</u> <u>Eight and 00/100 (\$3,109,788.00)</u>

### COMPANY

EVERGREEN NATIONAL INDEMNITY COMPANY

Bv: 110

Karen LoConti-Diaz, Authorized Representative of Insurer United Nations Insurance Agency, Inc. 1900 N W Corporate Boulevard, Suite 400E Boca Raton, Florida 33431-8515 (800) 641-9222

RECEIVED central Dist. - DEP

PERMIT DATA FORM	CHECK IF NEW: WAFR AIR 0199726 - 3 ID# ID#:
SITE/WAFR/FACILITY NAME: <u><i>Oc</i></u>	ek Hammock
PROJECT NAME:	
DESC:	
TYPE CODE: $\underline{SO}$ subcode	: CHECK IF: GPEXEMPT
<i><b>1</b></i>	CORRECT FEE: $\#250 -$
PROCESSOR:	AMOUNT RCV'D: 252-
	AMOUNT REFUND:
	MONIES DUE:

Prepared for

FILE COPY



**Omni Waste of Osceola County, LLC** 1501 Omni Way St. Cloud, Florida 34773

# RECEIVED MAY 23 2006 Control Unit - UEP **MINOR MODIFICATION APPLICATION FOR CELL 3 AT OAK HAMMOCK DISPOSAL FACILITY**

Prepared by



14055 Riveredge Drive, Suite 300 Tampa, Florida 33637

Project Number FL0866/05

May 2006

A fuebrice 22 May 2006

### Williams, Elizabeth

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From: Bradner, James Thursday, April 20, 2006 4:02 PM Sent: Williams, Elizabeth To: FW: Oak Hammock Disposal Facility Cell 2 Certification Acceptance Letter Subject: Receipt for OCD# 184 ----Original Message-----From: AGupta@GeoSyntec.com [mailto:AGupta@GeoSyntec.com] Sent: Thursday, April 20, 2006 4:00 PM To: Bradner, James Subject: RE: Oak Hammock Disposal Facility Cell 2 Certification Acceptance Letter Thank you very much Jim. We really appreciate your cooperation. Thanks again. Ayushman Gupta, P.E. GeoSyntec Consultants 14055 Riveredge Drive, Suite 300 Tampa, FL - 33637 Tel: 813-558-0990 Ext. 235 Fax: 813-558-9726 Visit us at: www.geosyntec.com ----Original Message-----From: Bradner, James [mailto:James.Bradner@dep.state.fl.us] Sent: Thursday, April 20, 2006 3:55 PM To: Timothy J. Salopek (E-mail) (E-mail) Cc: Ayushman Gupta; Matt Orr (E-mail); Williams, Elizabeth Subject: Oak Hammock Disposal Facility Cell 2 Certification Acceptance Letter

<<Oak Hammock Certification Letter 04-20-2006.pdf>> Please acknowledge receipt by electronic mail.



## Department of Environmental Protection

Jeb Bush Governor ELECTRONIC MAIL Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

David B. Struhs Secretary

April 20, 2006

OCD-SW-06-0184

Mr. Timothy J. Salopek, President (<u>tjsomni@aol.com</u>) Omni Waste of Osceola County, LLC 1501 Omni Way Holopaw, Florida 34773

> Osceola County SW Oak Hammock Disposal Facility <u>Certification of Construction Completion – Cell 2</u>

Dear Mr. Salopek:

This will acknowledge receipt of the *Certification of Construction Completion of a Solid Waste Management Facility*, dated, April 19, 2006, by Ayushman Gupta, P.E. of GeoSyntec Consultants, addressing Cell 2.

Based upon my inspection on April 17, 2006, construction of the Cell 2, as certified by the Engineer of Record, has been completed and is substantially consistent with plans and specifications approved under DEP Permit No. SC49-0199726-001. Accordingly, solid waste may be placed in Cell 2 for disposal.

Neither this letter nor any prior agreement with the Department relieves you of the responsibility of complying with any applicable ordinances, rules, or laws of any local, county, state, or federal government entity.

Please contact me at 407-893-3329 if you have questions or need further information.

Sincerely,

James n. Bradner

James N. Bradner, P.E., Manager Solid and Hazardous Waste Program

/jnb

cc: Matt Orr, Site Supervisor (<u>morr@wsii.us</u>) Ayushman Gupta, P.E., GeoSyntec Consultants (<u>agupta@geosyntec.com</u>)





1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax

April 11, 2006

1

Mr. James Bradner, P.E. Program Manager Solid/Hazardous Waste Department of Environmental Protection 3319 Maguire Blvd, Suite 232 Orlando, FL 32803-3767

RE: J.E.D. Solid Waste Disposal Facility (Oak Hammock Disposal Facility) Permit # SO49-0199726-002 1501 Omni Way St. Cloud, FL 34773

Dear Mr. Bradner:

Attached for your review is the 2006 1st Quarter Waste Report for the above referenced facility.

If you have any questions or require additional information please do not hesitate to contact me at (407) 891-3720.

Sincerely,

Sharon Stanfill Office Manager

/ss

Attachment (1)

ce: Mike Rowley, Operations Manager

## Quantity Summary by Macrial & UOM Ticket Date In is between 1/1/2006 and 3/31/2006

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	Disposal Qty	UOM
Auto Fluff	18351.88	TN
Construction & Demo	9390.58	TN
Clean Fill	46.90	TN
Contaminated Soil	5.00	EA
Contaminated Soil	75854.49	TN
Cert. Weiaht	4.00	CW
CLASS 3 / ICI WASTE	25593.55	TN
Mun. Solid Waste	142137.74	TN
Sludae	31034.72	TN
Special Waste	38318.95	TN
Special Waste	167.00	YD
Car Tire	17.00	EA
White Goods	42.00	EA
Yard Waste	4.88	TN



fill

### Memorandum

Florida Department Of Environmental Protection

#### **CENTRAL DISTRICT**

TO: Financial Coordinator Solid Waste Section MS-4565 Division of Waste Management

OCD-SW-06-0157

FROM: James N. Bradner, P.E. Manager, Solid and Hazardous Waste Program

DATE: March 30 2006

SUBJECT: Osceola County – SW Omni Waste of Osceola County, LLC. Oak Hammock Disposal Facility Review of Financial Assurance Cost Estimates

We have reviewed the closure and long-term care cost estimates dated February 13, 2006, for the subject facility and believe that they are adequate for the site at this time. The signed original cost estimates are in the Central District's file.

Please feel free to contact me if you need any additional information.

JNB/gnd/ew

cc: Frank Hornbrook - DEP - Tallahassee - MS-4565

**GEOSYNTEC CONSULTANTS** 

22 February 2006

Mr. James N. Bradner, P.E. Program Manager, Solid/Hazardous Waste Florida Department of Environmental Protection, Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767



Subject: Annual Adjustment of Closure and Long-Term Care Costs Oak Hammock Disposal Facility Osceola County, Florida Permit Nos. SC49-0199726-001 and SO49-0199726-002

Dear Mr. Bradner:

The adjusted closure and long-term care cost estimate for the Oak Hammock Disposal Facility (OHDF) in Osceola County, Florida is attached. The closure and long-term care cost estimate for the OHDF was adjusted for 2006 in compliance with Rule 62-701.630(4), Florida Administrative Code (F.A.C.). The 2005 closure and long-term care cost estimate for Phase 1 of the OHDF was submitted to Florida Department of Environmental Protection (FDEP) in February 2005.

Phase 1 of the OHDF consists of four cells – Cells 1 through 4. A phased financial assurance program for Phase 1 of the OHDF was approved by FDEP in December 2003. As part of this program, financial assurance would be provided only for cells expected to contain waste during the period covered by the financial assurance. Cells not yet constructed would be financially assured at least 60 days prior to accepting waste in the cell.

The 2005 closure and long-term care cost estimates for each of the four cells in Phase 1 of the OHDF are presented in the table below. These cost estimates are the same as presented in GeoSyntec's letter dated 21 February 2005 and have been included here for reference only.

2005	Cell 1	Cell 2	Cell 3	Cell 4	Total Cost
Closure	\$1,326,593	\$914,790	\$807,428	\$807,428	\$3,856,239
Long-Term Care (30 years)	\$2,488,852	\$580,668	\$520,379	\$520,379	\$4,110,278
Total	\$3,815,445	\$1,495,458	\$1,327,807	\$1,327,807	\$7,966,517

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Mr. James Bradner 22 February 2006 Page 2

The closure and long-term care cost estimates for 2006 were estimated using a 2.0 percent inflation adjustment for the past year. The inflation factor of 1.02 was obtained from the FDEP website. A print-out of the FDEP website indicating the *current year inflation factor* as 1.02 is included as Attachment A. The inflation-adjusted 2006 closure and long-term care cost estimates for the four cells in Phase 1 of the OHDF are presented in the table below.

2006	Cell 1	Cell 2	Cell 3	Cell 4	Total Cost
Closure	\$1,353,125	\$933,086	\$823,577	\$823,577	\$3,933,365
Long-Term Care (30 years)	\$2,538,629	\$592,281	\$530,787	\$530,787	\$4,192,484
Total	\$3,891,754	\$1,525,367	\$1,354,364	\$1,354,364	\$8,125,849

Waste has been and/or is being deposited in Cells 1 and 4 at the OHDF. It is noted that Cell 4 was the second cell to be constructed at the OHDF (after Cell 1). Cell 2 (approximately 12 acres) is currently under construction and is expected to start accepting waste in the second quarter of 2006. As a result, financial assurance in 2006 is required for the estimated closure and long-term care cost for Cells 1, 2, and 4. The closure and long-term care cost estimate for Cells 1, 2, and 4 are presented in the table below. A completed Financial Assurance Cost Estimate Form (DEP Form # 62-701.900(28)) with closure and long-term care cost estimate for Cells 1, 2, and 4 is included as Attachment B.

Cells Containing Waste in 2006	Closure Cost	Long-Term Care Cost	Financial Assurance Requirement for 2006
1	\$1,353,125	\$2,538,629	\$3,891,754
2	\$933,086	\$592,281	\$1,525,367
4	\$823,577	\$530,787	\$1,354,364
1, 2, & 4	\$3,109,788	\$3,661,697	\$6,771,485

Cell 3 may be constructed in 2006. If Cell 3 is constructed and is scheduled to accept waste in 2006, this cost estimate will be updated and financial assurance will be provided for Cells 1 through 4 at least 60 days prior to accepting waste in Cell 3.

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Mr. James Bradner 22 February 2006 Page 3

If you have any questions or need additional information, please do not hesitate to contact the undersigned.

Sincerely,

Alupta ×

Ayushman Gupta, P.E. Senior Engineer

Copy to: Fred J. Wick, FDEP, Tallahassee Shawn McCash, Waste Services, Inc.

G. DEPRADINE

J:\TWP\FL\FL0585-Omni Operations\Financial Assurance\2006 Fin Assurance.doc

## Attachment B

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## Financial Assurance Cost Estimate Form DEP Form # 62-701.900(28)

- -



DEP Form # 62-701.900(28) Form Title Financial Assurance Cost Estimate Form Effective Date 05-27-01 DEP Application No.

(Filled by DEP)

Florida Department of Environmental Protection Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

## FINANCIAL ASSURANCE COST ESTIMATE FORM

Date:	13 FEB 2006	Date of DEP Approval:		
I. GENERAL INI	FORMATION:			
Facility Name:	OAK HAMMOCK DI	SPOSAL FACILITY	_ WACS or GMSID #:	89544
Permit / Applicat	ion No.: 5C49-0199726	-001 AND	_ Expiration Date:	28 AUG 2007
Facility Address:	ion No.: 5C <u>49-0199726</u> 5049-0199722 1501 OMNI WA	<u>Y, ST. CLOUD, F</u>	1-34773	
Permittee:	DMNI WASTE OF	-		
Mailing Address:	SAME AS ABO	NE		
Latitude	: <u>28<sup>°</sup> 03'</u> 31″ Longitu	ude: 81°05'46	or UTM	:
Solid Waste Dis	posal Units Included in Esti	mate:		
Phase / Cell PH 1 / CELL PH 1 / CELL PH 1 / CELL 2 Total Landfill Acr	<u> </u>	Date Unit Began Accepting <u>Waste</u> JAN 2004 SEP 2005 EXPECTED N 2Q OF 2006	Design Life of Unit From Date of Initial Receipt of Waste LIFE OF PHASE 1 IS 559RS	      
Type of facility:	Class I	Class III C&D	) Debris Disposal	Other
•	IANCIAL ASSURANCE DOCI			
	Letter of Credit*		Certificate	*Indicates
	_Surety Bond*	Escrow A	ccount	mechanisms that require use of a Standby Trust Fund
	_Trust Fund Agreement	Financial	Test	Agreement
orthwest District overnmental Center 78 cola, FL 32501-5794 850-595-8360	25 Baymeadows Way, Ste. B200 3319 Ma Jacksonville, FL 32256-7590 Orlan	Central District         Southwest District           aguire Blvd., Ste. 232         3804 Coconut Pall           do, FL 32803-3767         Tampa, FL 336           407-894-7555         813-744-6100	m Dr. 2295 Victoria Ave., Ste. 19 Fort Myers, FL 33901-3	

#### **III. ESTIMATE ADJUSTMENT**

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

### 🖾 (a) Inflation Factor Adjustment

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste Financial Coordinator at (850)-245-8732.

This adjustment is based on the	e Departme	nt approved closure cost estir	nate dated:	21 PEB 2005
Latest Department Approved Closure Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Closure Cost Estimate:
\$ 3,048,811	x	1.02	=	\$3,109,78B
This adjustment is based on the De	epartment a	oproved long-term care cost e	estimate dated:	21 FEB 2005
Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Annual Long-Term Care Cost Estimate:
¥ 3,589,899 CFDR 30 ÝRS)	x	1.02	=	<u>\$3,661,697</u> (For 30 yrs)
Number of Years of	Long Term	Care Remaining:	Х	
Inflation Adjusted Lo	ng-Term Ca	re Cost Estimate:	=	\$3,661,697

#### (b) Recalculate Estimates (see section V)

#### **IV. CERTIFICATION BY ENGINEER**

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of the this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility and comply with the requirements of Florida Administrative Code (F.A.C.), Rule 62-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Ryle 62-701,630(4), F.A.C.

Signature of Engineer

Signature of Owner/Operator

AYUSHMAN SUPTA, SENIOR ENGINEER R. SHAWN MCCASH, SR. VICE PRESIDENT Name & Title (please type) GEOSYNTEC CONSULTANTS Name & Title (please type) WASTE SERVICES, INC.

54023

Florida Registration Number (affix seal) 14055 RIVEREDGE DR # 300 TAMPA, FL-33637

Mailing Address

813-558-0990 EXT. 235

Telephone Number

561-237-3414 Telephone Number

<u>Smccash@wasteservicesinc.com</u> Owner/Operator E-Mail Address agusta@geosyntec.com

Engineer E-Mail Address

DEP FORM 62-701.900(28) Effective 05-27-01

Page 2 of 11

## Attachment A

Current Year Inflation Factor from FDEP's Website

> RECEIVED FEB 2 4 2006 Central Dist.-DEP





1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax

January 9, 2006

Mr. James Bradner, P.E. Program Manager Solid/Hazardous Waste Department of Environmental Protection 3319 Maguire Blvd, Suite 232 Orlando, FL 32803-3767

RE: J.E.D. Solid Waste Disposal Facility (Oak Hammock Disposal Facility) Permit # SO49-0199726-002 1501 Omni Way St. Cloud, FL 34773

Dear Mr. Bradner:

Attached for your review is the 2005 4<sup>th</sup> Quarter Waste Report along with the 2005 Annual Waste Report for the above referenced facility.

If you have any questions or require additional information please do not hesitate to contact me at (407) 891-3720.

Sincerely,

Sharon Stanfill Office Manager

/ss

Attachments(1)

cc: Mike Rowley, Operations Manager

# Quantity: Summary by Marial & UOM Ticket Date In is between 1/1/2005 and 12/31/2005

Disposal Qty         UOM           Auto Fluff         48289.18         TN           Construction & Demo         13340.74         TN           Construction & Demo         74907.00         YD           Clean Fill         468.28         TN           Contaminated Soil         184361.32         TN           Cert. Weight         14.00         CW           CLASS 3 / ICI WASTE         433500.00         LD           CLASS 3 / ICI WASTE         60433.84         TN           Mulch         5841.28         TN           Mun. Solid Waste         376535.51         TN           Sludge         78135.24         TN
Construction & Demo         13340.74         TN           Construction & Demo         74907.00         YD           Clean Fill         468.28         TN           Contaminated Soil         184361.32         TN           Cert. Weight         14.00         CW           CLASS 3 / ICI WASTE         433500.00         LD           CLASS 3 / ICI WASTE         60433.84         TN           Mulch         5841.28         TN           Mun. Solid Waste         376535.51         TN           Sludge         78135.24         TN
Construction & Demo         74907.00         YD           Clean Fill         468.28         TN           Contaminated Soil         184361.32         TN           Cert. Weight         14.00         CW           CLASS 3 / ICI WASTE         433500.00         LD           CLASS 3 / ICI WASTE         60433.84         TN           Mulch         5841.28         TN           Mun. Solid Waste         376535.51         TN           Sludge         78135.24         TN
Clean Fill         468.28         TN           Contaminated Soil         184361.32         TN           Cert. Weight         14.00         CW           CLASS 3 / ICI WASTE         433500.00         LD           CLASS 3 / ICI WASTE         60433.84         TN           Mulch         5841.28         TN           Mun. Solid Waste         376535.51         TN           Sludge         78135.24         TN
Contaminated Soil         184361.32         TN           Cert. Weight         14.00         CW           CLASS 3 / ICI WASTE         433500.00         LD           CLASS 3 / ICI WASTE         60433.84         TN           Mulch         5841.28         TN           Mun. Solid Waste         376535.51         TN           Sludge         78135.24         TN
Cert. Weight         14.00         CW           CLASS 3 / ICI WASTE         433500.00         LD           CLASS 3 / ICI WASTE         60433.84         TN           Mulch         5841.28         TN           Mun. Solid Waste         376535.51         TN           Sludge         78135.24         TN
CLASS 3 / ICI WASTE       433500.00       LD         CLASS 3 / ICI WASTE       60433.84       TN         Mulch       5841.28       TN         Mun. Solid Waste       376535.51       TN         Sludge       78135.24       TN
CLASS 3 / ICI WASTE         60433.84         TN           Mulch         5841.28         TN           Mun. Solid Waste         376535.51         TN           Sludge         78135.24         TN
Mulch         5841.28         TN           Mun. Solid Waste         376535.51         TN           Sludge         78135.24         TN
Mun. Solid Waste         376535.51         TN           Sludge         78135.24         TN
Sludae 78135.24 TN
Special Waste 27666.06 TN
Special Waste 1240.00 YD
Car Tire 377.00 EA
Truck Tires 54.00 EA
White Goods 126.00 EA
Yard Waste 65.54 TN



# Quantity Summary by Material & UOM Ticket Date In is between 10/1/2005 and 12/31/2005

	Disposal Qty	UOM
Auto Fluff	16790.57	TN
Construction & Demo	8307.98	TN
Construction & Demo	12123.00	YD
Clean Fill	92.12	TN
Contaminated Soil	70522.80	TN
Cert. Weiaht	7.00	CW
CLASS 3 / ICI WASTE	12185.02	TN
Mun. Solid Waste	134409.31	TN
Sludae	27520.92	TN
Special Waste	4651.70	TN
Special Waste	140.00	YD
Car Tire	56.00	EA
Truck Tires	2.00	EA
White Goods	24.00	EA
Yard Waste	10.56	TN



1/19/2006

;4078913730

# Quantity Summary by Marial & UOM Ticket Date In is between 1/1/2005 and 12/31/2005

	Disposal Qty	UOM
Auto Fluff	48289.18	TN
Construction & Demo	13340.74	TN
Construction & Demo	74907.00	YD
Clean Fill	468.28	TN
Contaminated Soil	184361.32	TN
Cert. Weight	14.00	CW
CLASS 3 / ICI WASTE	433500.00	LD
CLASS 3 / ICI WASTE	60433.84	TN
Mulch	5841.28	TN
Mun. Solid Waste	376535.51	TN
Sludae	78135.24	TN
Special Waste	27666.06	TN
Special Waste	1240.00	YD
Car Tire	377.00	EA
Truck Tires	54.00	EA
White Goods	126.00	EA
Yard Waste	65.54	TN
Yard Waste	65.54	TN



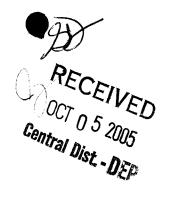


1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax

unnincha TO: FROM: 407-893 FAX#: U SUBJECT: 1-19-17 D DATE: Ĵ (including cover sheet) **PAGES:** 

4-20-00; 9:52AM; OMN | WAST

FACSIMILE





1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax

October 3, 2005

Mr. Jim Bradner, P.E. Department of Environmental Protection 3319 Maguire Blvd, Suite 232 Orlando, FL 32803

RE: J.E.D. Solid Waste Disposal Facility Permit #SO49-0199726-002 1501 Omni Way St. Cloud, FL 34773

Dear Mr. Bradner:

Attached for your review is the 3<sup>rd</sup> Quarter Waste Report for the above referenced facility. If you have any questions or require additional information please do not hesitate to contact me at (407) 891-3720.

Sincerely,

Sharon Stanfill Office Manager

/ss

Enclosure

cc: Mike Rowley, Operations Manager

# Quantity Summary by aterial & UOM Tricket Date In is between 7/1/2005 and 9/30/2005

-

Construction & Demo         728.06         TN           Construction & Demo         19927.00         YD           Clean Fill         8.02         TN           Contaminated Soil         46993.59         TN           Cert. Weight         5.00         CW           CLASS 3 / ICI WASTE         186160.00         LD           CLASS 3 / ICI WASTE         186160.00         LD           CLASS 3 / ICI WASTE         12669.85         TN           Mun. Solid Waste         112669.85         TN           Sbecial Waste         3612.77         TN           Sbecial Waste         765.00         YD           Car Tire         42.00         EA           Mute Goods         41.00         EA			
Construction & Demo728.06TNConstruction & Demo19927.00YDClean Fill8.02TNContaminated Soil46993.59TNCert. Weight5.00CWCLASS 3 / ICI WASTE186160.00LDCLASS 3 / ICI WASTE27969.77TNMun. Solid Waste112669.85TNSbecial Waste3612.77TNSbecial Waste765.00YDCar Tire42.00EAMute Goods41.00EA		Disposal Qty	UOM
Construction & Demo19927.00YDClean Fill8.02TNContaminated Soil46993.59TNCert. Weight5.00CWCLASS 3 / ICI WASTE186160.00LDCLASS 3 / ICI WASTE186160.00LDCLASS 3 / ICI WASTE27969.77TNMun. Solid Waste112669.85TNSludge26298.51TNSbecial Waste3612.77TNSpecial Waste765.00YDCar Tire42.00EATruck Tires5.00EAWhite Goods41.00EA	Auto Fluff	8046.81	TN
Clean Fill8.02TNContaminated Soil46993.59TNCert. Weight5.00CWCLASS 3 / ICI WASTE186160.00LDCLASS 3 / ICI WASTE27969.77TNMun. Solid Waste112669.85TNSludge26298.51TNSbecial Waste3612.77TNSpecial Waste765.00YDCar Tire42.00EAFruck Tires5.00EAWhite Goods41.00EA	Construction & Demo	728.06	TN
Contaminated Soil46993.59TNCert. Weight5.00CWCLASS 3 / ICI WASTE186160.00LDCLASS 3 / ICI WASTE27969.77TNMun. Solid Waste112669.85TNSludge26298.51TNSbecial Waste3612.77TNSpecial Waste765.00YDCar Tire42.00EAFruck Tires5.00EAWhite Goods41.00EA	Construction & Demo	19927.00	YD
Cert. Weight5.00CWCLASS 3 / ICI WASTE186160.00LDCLASS 3 / ICI WASTE27969.77TNMun. Solid Waste112669.85TNSludge26298.51TNSbecial Waste3612.77TNSbecial Waste765.00YDCar Tire42.00EAFruck Tires5.00EAWhite Goods41.00EA	Clean Fill	8.02	TN
CLASS 3 / ICI WASTE186160.00LDCLASS 3 / ICI WASTE27969.77TNMun. Solid Waste112669.85TNSludae26298.51TNSpecial Waste3612.77TNSpecial Waste765.00YDCar Tire42.00EAFruck Tires5.00EAWhite Goods41.00EA	Contaminated Soil	46993.59	TN
CLASS 3 / ICI WASTE       27969.77       TN         Mun. Solid Waste       112669.85       TN         Sludge       26298.51       TN         Special Waste       3612.77       TN         Special Waste       765.00       YD         Car Tire       42.00       EA         Fruck Tires       5.00       EA         White Goods       41.00       EA	Cert. Weight	5.00	CW
Mun. Solid Waste       112669.85       TN         Sludge       26298.51       TN         Special Waste       3612.77       TN         Special Waste       765.00       YD         Car Tire       42.00       EA         Fruck Tires       5.00       EA         White Goods       41.00       EA	CLASS 3 / ICI WASTE	186160.00	LD
Sludge       26298.51       TN         Special Waste       3612.77       TN         Special Waste       765.00       YD         Car Tire       42.00       EA         Fruck Tires       5.00       EA         White Goods       41.00       EA	CLASS 3 / ICI WASTE	27969.77	TN
Special Waste       3612.77       TN         Special Waste       765.00       YD         Car Tire       42.00       EA         Truck Tires       5.00       EA         White Goods       41.00       EA	Mun. Solid Waste	112669.85	TN
Special Waste     765.00     YD       Car Tire     42.00     EA       Fruck Tires     5.00     EA       White Goods     41.00     EA	Sludae	26298.51	TN
Car Tire         42.00         EA           Fruck Tires         5.00         EA           White Goods         41.00         EA	Special Waste	3612.77	TN
Truck Tires     5.00     EA       White Goods     41.00     EA	Special Waste	765.00	YD
White Goods 41.00 EA	Car Tire	42.00	EA
	Truck Tires	5.00	EA
/ard Waste 10.31 TN	White Goods	41.00	EA
	Yard Waste	10.31	TN







November 1, 2004

*The J.E.D. Solid Waste Management Facility* 1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax

Mr. James N. Bradner, P.E. Program Manager, Solid/Hazardous Waste Florida Department of Environmental Protection, Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

Subject: Notification of Average Daily Volumes Oak Hammock Disposal Facility Osceola County, Florida Permit Nos. SC49-0199726-001 and SO49-0199726-002

Dear Mr. Bradner:

I am writing to advise you that the Oak Hammock Disposal Facility (OHDF) in Osceola County, Florida is now consistently receiving volume in excess of 1,700 tons per day. The facility has, as detailed in the Operation Plan, the necessary personnel and heavy equipment at the site for receipt of up to 3,000 tons per day. Should the daily volume at the landfill increase enough to require additional equipment or site staff these will be added, as required, to ensure that the operation and maintenance of the facility meets the requirements of the permit and the regulations at all times.

Sincerely,

Leonard L. Marion General Manager

Copy to: Tim Salopek Nigel Guilford Shawn McCash

## Williams, Elizabeth

From:	Bradner, James
Sent:	Tuesday, November 02, 2004 3:45 PM
То:	'Imarion@ceri.biz'
Cc:	'walterd@doacs.state.fl.us'; Williams, Elizabeth
Subject:	Disposal of Citrus Canker Waste

Good afternoon, Lenny:

The Department of Environmental Protection has no objection to the disposal of citrus canker waste at the J.E.D. Solid Waste Management Facility, AKA Oak Hammock (Class I) Disposal.

As we discussed by telephone, I suggest segregating the disposal area and promptly covering the waste placed for disposal, and following any additional guidelines proposed by the Department of Agriculture and Consumer Services to minimize the spread of citrus canker.

Please call me if I can be of further assistance.

Thanks,

Jim

James N. Bradner, P.E. Manager, Solid and Hazardous Waste Program Central District Department of Environmental Protection 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 407-893-3329 direct phone 407-893-3167 fax 407-894-7555 Central District switchboard 325-3329 direct SunCom James.Bradner@floridadep.net



1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax

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n an an Arthur Airth Calbailt

April 1, 2004

Mr. James Bradner, P.E. Program Manager Solid/Hazardous Waste Department of Environmental Protection 3319 Maguire Blvd, Suite 232 Orlando, FL 32803-3767

RE: J.E.D. Solid Waste Disposal Facility (Oak Hammock Disposal Facility) Permit #SC49-0199726-001 and SO49-0199726-002 1501 Omni Way St. Cloud, Florida 34773

Dear Mr. Bradner:

Attached for your review is the 2004 1<sup>st</sup> Quarter Waste Report for the above referenced facility.

If you have any questions or require additional information pleas do not hesitate to contact me at (407) 891-3720

Sincerely, Sharon Stanfill Office Manager

/ss

Attachment (1)



MATERIAL ACTIVITY REPORT From: Jan 01, 2004 To: Mar 31, 2004 Material Range: A To Z

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worker



Facility: All Facilities C = Cash Ticket		SUMMARY REPORT								Ticket Type: All Ticket Types I = Invoice Ticket			
	Number of Count		unt	Inbound			Outbound		Tax				
Material	Tickets	Inbound	Outbound	Weight	Volume	Weight	Volume	Total	Total	Total			
AU - Auto Fluff	146		3.	.340.21 TN	0.00 YD	0.00 TN	0.00 YD 1	\$33,402.10	\$0.00	\$33,402.10			
CD - Construction & Demo	291				7,530.00 YD	0.00 TN	0.00 YD :	\$23,510.00	\$0.00	\$23,510.00			
CS - Contaminated Soil	80		2	389.32 TN	0.00 YD	0.00 TN	0.00 YD 3	\$52,098.18	\$0.00	\$52,098.18			
MS - Mun. Solid Waste	1766		37,	508.63 TN	0.00 YD	0.00 TN	0.00 YES	308,617.38	\$0.00	\$808,617.38			
SL - Sludge	158		3,	059.31 TN	0.00 YD	0.00 TN	0.00 YD 3	\$67,012.94	\$0.00	\$67,012.94			
SP - Special Waste	77			806.43 TN	0.00 YD	0.00 TN	0.00 YD 9	\$16,072.93	\$0.00	\$16,072.93			
TI - Car Tire	2	35.00		0.00 TN	0.00 YD	0.00 TN	0.00 YD	\$102.00	\$0.00	\$102.00			
WG - White Goods	2	3.00		0.00 TN	0.00 YD	0.00 TN	0.00 YD	\$30.00	\$0.00	\$30.00			
YW - Yard Waste	1		······································	0.49 TN	0.00 YD	0.00 TN	0.00 YD	\$12.74	\$0.00	\$12.74			
	Cash Total:							\$1,773.04	\$0.00	\$1,773.04			
	Invoice Total:						\$9	99,085.23	\$0.00	\$999,085.23			
Total Tickets Reported:	2523 Report Total:	38.00	0.00 49,	205.93 TN	7,530.00 YD	0.00 TN	0.00 \\$1,0	000,858.27	\$0.0\$	,000,858.27			

J.E.D. DISPOSAL FACILITY/OMNI

Page ..... 1

1



1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax

July 1, 2004

Mr. James Bradner, P.E. Program Manager Solid/Hazardous Waste Department of Environmental Protection 3319 Maguire Blvd, Suite 232 Orlando, FL 32803-3767

RE: J.E.D. Solid Waste Disposal Facility (Oak Hammock Disposal Facility) Permit #SC49-0199726-001 and SO49-0199726-002 1501 Omni Way St. Cloud, Florida 34773

Dear Mr. Bradner:

Attached for your review is the 2004  $2^{nd}$  Quarter Waste Report for the above referenced facility.

If you have any questions or require additional information pleas do not hesitate to contact me at (407) 891-3720

Sincerely, Sharon Stanfill Office Manager

/ss

Attachment (1)

#### MATERIAL ACTIVITY REPORT From: Apr 01, 2004 To: Jun 30, 2004 Material Range: A To Z

-



Facility: All Facilities C = Cash Ticket		SUMMARY REPORT								Ticket Type: All Ticket Types I = Invoice Ticket			
Material	Number of		Count inb		ound	Outbound		Material	Тах				
			Inbound	Outbound	Weight	Volume	Weight	Volume	Total	Total	Total		
AU - Auto Fluff		327		7.	803.36 TN	0.00 YD	0.00 TN	0.00 YD	\$78,033.60	\$0.00	\$78,033.60		
CD - Construction & Demo		574				13,000.00 YD	0.00 TN	0.00 YD	\$39,690.00	\$0.00	\$39,690.00		
CF - Clean Fill		15			301,17 TN	210.00 YD	0.00 TN	0.00 YD	\$4,622.30	\$0.00	\$4,622.30		
CS - Contaminated Soil		420			109.37 TN	0.00 YD	0.00 TN	0.00 YES	174,786.06	\$0.00	\$174,786.06		
MS - Mun. Solid Waste		2544		54.	953.64 TN	0.00 YD	0.00 TN	0.00 \\$1,	180,626.63	\$0.0\$1	1,180,626.63		
SL - Sludge		304			934.33 TN	0.00 YD	0.00 TN	0.00 YES	103,731.66	\$0.00	\$103,731.66		
SP - Special Waste		255		3.	175.48 TN	0.00 YD	0.00 TN	0.00 YD	\$73,763.20	\$0.00	\$73,763.20		
T7 - Truck Tires		O	10.00		0.00 TN	0.00 YD	0.00 TN	0.00 YD	\$120.00	\$0.00	\$120.00		
TI - Car Tire		0	16.00		0.00 TN	0.00 YD	0.00 TN	0.00 YD	\$45.00	\$0.00	\$45.00		
WG - White Goods		2	13.00		0.00 TN	0.00 YD	0.00 TN	0.00 YD	\$130.00	\$0.00	\$130.00		
YW - Yard Waste	w	8		i . A constanting of	12.12 TN	0.00 YD	0.00 TN	0.00 YD	\$315.12	\$0.00	\$315.12		
		Cash Total:							\$3,526.86	\$0.00	\$3,526.86		
		Invoice Total:							652,336.71		1,652,336.71		
Total Tickets Reported:	4449	Report Total:	39.00	0.00 84.	384.03 TN	13,210.00 YD	0.00 TN	0.00 \\$1,1	655,863.57	\$0.0\$	1,655,863.57		

4



1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax

October 1, 2004

Mr. James Bradner, P.E. Program Manager Solid/Hazardous Waste Department of Environmental Protection 3319 Maguire Blvd, Suite 232 Orlando, FL 32803-3767

RE: J.E.D. Solid Waste Disposal Facility (Oak Hammock Disposal Facility) Permit #SC49-0199726-001 and SO49-0199726-002 1501 Omni Way St. Cloud, Florida 34773

Dear Mr. Bradner:

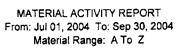
Attached for your review is the 2004 3<sup>rd</sup> Quarter Waste Report for the above referenced facility.

If you have any questions or require additional information pleas do not hesitate to contact me at (407) 891-3720

Sincerely, Sharon Stanfill Office Manager

/ss

Attachment (1)





Facility: All Facilities C = Cash Ticket		SUMMARY REPORT					Ticket Type: All Ticket Types I = Invoice Ticket			
	Number of	Number of Count		Inbound		Outbound		Material	Tax	
Material	Tickets	Inbound	Outbound	Weight	Volume	Weight	Volume	Total	Total	Total
AU - Auto Fluff	850		18.	145.24 TN	0.00 YD	0.00 TN	0.00 YE\$	204,338.28	\$0.00 \$	204,338.28
CD - Construction & Demo	676		5,	672.54 TN	15,641.00 YD	0.00 TN	0.00 YD	\$57,144.00	\$0.00	\$57,144.00
CF - Clean Fill	139		2,	662.47 TN	3,190.00 YD	0.00 TN	0.00 YD	\$7,430.00	\$0.00	\$7,430.00
CS - Contaminated Soil	854		20,	237.49 TN	0.00 YD	0.00 TN	0.00 YE\$	376,187.41		376,187.41
MS - Mun, Solid Waste	2803		59,	100.14 TN	0.00 YD	0.00 TN	0.00 \\$1,	193,592.23		193,592.23
SL - Sludge	181		2.	228.48 TN	0.00 YD	0.00 TN	0.00 YD	\$45,561.32	\$0.00	\$45,561.32
SP - Special Waste	526		9.	865.18 TN	400.00 YD	0.00 TN	0.00 YE\$	151,612.40	\$0.00 \$	151,612.40
TI - Car Tire	0	12.00		0.00 TN	0.00 YD	0.00 TN	0.00 YD	\$34.00	\$0.00	\$34.00
WG - White Goods	2	19.00		0.00 TN	0.00 YD	0.00 TN	0.00 YD	\$190.00	\$0.00	\$190.00
YW - Yard Waste	20			13.53 TN	20.00 YD	0.00 TN	0.00 YD	\$328.18	\$0.00	\$328.18
	Cash Total:							\$7,273.46	\$0.00	\$7,273.46
	Invoice Total:						\$2,	029,144.36	\$0.0\$2,	029,144.36
Total Tickets Reported: 60		31.00	0.00117,	925.07 TN	19,251.00 YD	0.00 TN		036,417.82	\$0.0\$2,	036,417.82

\_ . .



The J.E.D. Solid Waste Management Facility 1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone

(407) 891-3730 fax

January 2, 2005

Mr. James Bradner, P.E. Program Manager Solid/Hazardous Waste Department of Environmental Protection 3319 Maguire Blvd, Suite 232 Orlando, FL 32803-3767

RE: J.E.D. Solid Waste Disposal Facility (Oak Hammock Disposal Facility) Permit #SC49-0199726-001 and SO49-0199726-002 1501 Omni Way St. Cloud, Florida 34773

Dear Mr. Bradner:

Attached for your review is the 2004 4<sup>th</sup> Quarter Waste Report for the above referenced facility.

If you have any questions or require additional information pleas do not hesitate to contact me at (407) 891-3720

Sincerely, Sharon Stanfill Office Manager

/ss

Attachment (1)

#### MATERIAL ACTIVITY REPORT From: Oct 01, 2004 To: Dec 31, 2004 Material Range: A To Z



\_\_\_\_

Ticket Type: All Ticket Types Facility: All Facilities C = Cash Ticket SUMMARY REPORT I = Invoice Ticket Number of Count Outbound Material Tax Inbound Total Total Total Material Tickets Inbound Outbound Volume Weight Volume Weight 0.00 YE\$156,818.32 \$0.00 \$156,818.32 AU - Auto Fluff 637 13,349.47 TN 0.00 YD 0.00 TN \$0.00 \$357,099.66 CD - Construction & Demo 2356 23,531,98 TN29,284.00 YD 0.00 TN 0.00 YE\$357,099.66 \$0.00 \$43.28 0.00 TN 0.00 YD \$43.28 CF - Clean Fill 1 17.31 TN 0.00 YD \$0.00 \$327,685.32 0.00 YD 0.00 TN 0.00 YE\$327,685.32 566 CS - Contaminated Soil 14,217.92 TN 0.00 YD 0.00 TN 0.00 YE\$844,768.54 \$0.00 \$844,768.54 MH - Mulch 2518 60.340.61 TN \$0.0\$1,201,453.25 MS - Mun. Solid Waste 3584 1.00 56,646.88 TN 6,900.00 YD 0.00 TN 0.00 \\$1,201,453.29 0.00 YE\$115,755.14 \$0.00 \$115,755.14 0.00 TN SL - Sludge 366 5,731.07 TN 0.00 YD 230.00 YD 0.00 TN 0.00 YE\$862,649.60 \$0.00 \$862,649.60 SP - Special Waste 1344 34,437.69 TN TI - Car Tire 1 29.00 0.00 TN 0.00 YD 0.00 TN 0.00 YD \$87.00 \$0.00 \$87.00 0.00 YD 0.00 TN 0.00 YD \$220.00 \$0.00 \$220.00 WG - White Goods 6 22.00 0.00 TN YW - Yard Waste 11.70 TN 0.00 YD 0.00 TN 0.00 YD \$304.20 \$0.00 \$304.20 19

	Cash Total:				\$44,141.88	\$0.00 \$44,141.88
	Invoice Total:				\$3,822,742.47	\$0.0\$3,822,742.47
Total Tickets Reported:	11398 Report Total:	52.00	0.00208,284.63 TN 36,414.00 YD	0.00 TN	0.00 \\$3,866,884.35	\$0.0\$3,866,884.35

.....



To our new facility



# (formerly Oak Hammock Disposal Facility)

Omni Waste of Osceola County, LLC 1501 Omni Way St. Cloud, FL 34773 (407) 891-3720 phone (407) 891-3730 fax

# PLEASE UPDATE YOUR RECORDS

### **GEOSYNTEC CONSULTANTS**

12 February 2004

RECEIVED

Central Dist. - DEP

Mr. James N. Bradner, P.E. Program Manager, Solid/Hazardous Waste Florida Department of Environmental Protection, Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

2 FEB 17 2004 Subject: Annual Adjustment of Closure and Long-Term Care Costs Oak Hammock Disposal Facility Osceola County, Florida Permit Nos. SC49-0199726-001 and SO49-0199726-002

Dear Mr. Bradner:

.

The adjusted closure and long-term care cost estimate for Oak Hammock Disposal Facility (OHDF) in Holopaw, Osceola County, Florida is attached. The closure and longterm care cost estimate for OHDF was adjusted for 2004 in compliance with Rule 62-701.630(4), Florida Administrative Code (F.A.C.). The 2003 closure and long-term care cost estimate for Phase 1 of the OHDF was submitted to Florida Department of Environmental Protection (FDEP) in April 2003 and amended by a letter dated 31 October 2003.

Phase 1 of the OHDF consists of four cells – Cells 1 through 4. A phased financial assurance program was proposed by GeoSyntec Consultants (GeoSyntec) to FDEP in October 2003. As part of this program, financial assurance would be provided only for cells expected to contain waste during the period covered by the financial assurance. Cells not yet constructed would be financially assured prior to accepting waste. The phased financial assurance program for Phase 1 of the OHDF was approved by FDEP in December 2003. FDEP's letter accepting the phased financial assurance program modified the Specific Condition #53, Financial Responsibility, of the above referenced solid waste permits. FDEP's acceptance letter and GeoSyntec's proposal for phased financial assurance were attached to the above referenced permits as Exhibit II.

The 2003 closure and long-term care cost estimate for each of the four cells in Phase 1 of the OHDF and the phased financial assurance requirements (from GeoSyntec's October 2003 proposal) are presented in the tables below.



#### Mr. James N. Bradner, P.E. 12 February 2004 Page 2

	Cell 1	Cell 2	Cell 3	Cell 4	Total Cost
Closure	\$1,294,048	\$892,348	\$787,619	\$787,619	\$3,761,633
Long-Term Care (30 years)	\$2,427,793	\$566,422	\$507,612	\$507,612	\$4,009,440
Total	\$3,721,840	\$1,458,770	\$1,295,231	\$1,295,231	\$7,771,073

Cells Containing Waste	Closure Cost	Long-Term Care Cost	Financial Assurance Requirements (2003)
1	\$1,294,048	\$2,427,793	\$3,721,840
1, 2	\$2,186,395	\$2,994,215	\$5,180,611
1, 2, 3	\$2,974,014	\$3,501,828	\$6,475,842
1, 2, 3, 4	\$3,761,633	\$4,009,440	\$7,771,073

The closure and long-term care cost estimate for 2004 were estimated using 1 percent inflation for the past year. The inflation factor of 1.01 was obtained from the FDEP website. A print-out of the FDEP website indicating the *current year inflation factor* as 1.01 as of 11 February 2004, is included as Attachment A. The inflation adjusted 2004 closure and long-term care cost estimate for the four cells in Phase 1 of the OHDF and the phased financial assurance requirements are presented in the tables below.

	Cell 1	Cell 2	Cell 3	Cell 4	Total Cost
Closure	\$1,306,988	\$901,271	\$795,495	\$795,495	\$3,799,249
Long-Term Care (30 years)	\$2,452,071	\$572,087	\$512,689	\$512,689	\$4,049,534
Total	\$3,759,059	\$1,473,358	\$1,308,184	\$1,308,184	\$7,848,784

Cells Containing Waste	Closure Cost	Long-Term Care Cost	Financial Assurance Requirements (2004)
1	\$1,306,988	\$2,452,071	\$3,759,059
1, 2	\$2,208,259	\$3,024,157	\$5,232,417
1, 2, 3	\$3,003,754	\$3,536,846	\$6,540,600
1, 2, 3, 4	\$3,799,249	\$4,049,534	\$7,848,784

FX0521/Closure Estimates/2004 Fin Assurance

2/12/04

Mr. James N. Bradner, P.E. 12 February 2004 Page 3

Cell 1A (consisting of 12 acres of the 18-acre Cell 1) in Phase 1 of the OHDF started accepting waste on 26 January 2004. Cell 1B (consisting of the remaining 6 acres of Cell 1) is currently under construction. In 2004, waste will be deposited only in Cell 1 at the OHDF landfill. As a result, financial assurance in 2004 is required for closure and long-term care cost estimate for Cell 1 only. A completed Financial Assurance Cost Estimate Form (DEP Form # 62-701.900(28)) with closure and long-term care cost estimate for Cell 1 is included as Attachment B.

If you have any questions or need additional information, please do not hesitate to contact the undersigned.

Sincerely,

Kenneth W. Cargill, P.E. Principal

Copy to: Lenny Marion, Omni Waste Fred J. Wick, FDEP, Tallahassee Attachment A

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## Current Year Inflation Factor as of 11 February 2004 from FDEP Website



Florida

Department of Environmental Protection

Home | Contact DEP | Search DEP | DEP Site Map

Solid Waste Financial Responsibility



Categories

Waste Home

Batteries

Brownfields Redevelopment

Cleansweep-Pesticides

Compliance Certification Program (CCP)

Contaminated Soils Forum

Drycleaning

Electronics

Full Cost Accounting

Hazardous Waste

Hazardous Waste Financial Responsibility

Institutional Controls Registry (ICR)

ICR Procedures Guidance [pdf]

Mercury

Petroleum Cleanup Programs

Pollution Prevention

Recycling

Site Investigation

Solid Waste

Solid Waste Financial Responsibility

Solid Waste Grants

Storage Tank Regulation

# Annual Adjustment of Cost Estimates

"More Protection, Less Process"

Owners or operators of facilities regulated by the Solid Waste Financial Assurance office shall annually adjust their facility closure cost estimates for inflation and submit updated information to the Department. Outlined below are Rule 62-701.630 (4), Florida Administrative Code (F.A.C.), requirements for submission of closure cost estimates.

- Form 62-701.900(28) is used to prepare and submit closure cost estimates. Contact your permitting office for assistance with the form.
- Annual cost estimate adjustments may be made either by recalculating the maximum cost of closure or by using the current year inflation factor.
- For owners or operators using an escrow account to demonstrate financial assurance, cost estimates must be submitted between July 1 and September 1 of each year.
- For owners or operators using an alternate financial mechanism to demonstrate financial assurance, cost estimates must be submitted between January 1 and March 1 of each year.
- Please submit Form 62-701.900(28) to the appropriate permitting office with a copy to:

Solid Waste Financial Coordinator Department of Environmental Protection 2600 Blair Stone Road MS 4565 Tallahassee, Florida 32399-2400 (850) 245-8732 FAX (850) 245-8811

#### **Calculation of the Inflation Factor**

 The annual inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its Survey of Current Business, pursuant to Rule 62-701.630(4)(b)(2), F.A.C.

- To calculate the current inflation factor, divide the latest published annual Deflator by the Deflator for the previous year.
- Implicit Price Deflator data is published by the U.S. Department of Commerce, Bureau of Economic Analysis on their website, http://www.bea.doc.gov.

#### **Current Year Inflation Factor\*: 1.010**

Inflation Factors 2000 - 2003

1999 Cost Estimate x 1.015 = 2000 Cost Estimate

Voluntary Cleanup Tax Credit	* - The data nec Commerce in Apr
Used Oil	
Tires	

#### **Quick Topics**

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Database Reports Forms News & Events Publications Rules

Key Areas

Petroleum Storage Systems Solid & Hazardous Waste Waste Cleanup

=== Contact Us

Reader

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Last Updated: 02/02/04

The data necessary to calculate the inflation factor is released by the U.S. Department of nerce in April. Therefore, it is necessary and appropriate to use the previous year's factor n inflation adjusting cost estimates between January 1 and April 1. Once the new factor

commerce in April. Therefore, it is necessary and appropriate to use the previous year's factor when inflation adjusting cost estimates between January 1 and April 1. Once the new factor becomes available, it will be posted for immediate use.

2000 Cost Estimate x 1.020 = 2001 Cost Estimate 2001 Cost Estimate x 1.020 = 2002 Cost Estimate

2002 Cost Estimate x 1.010 = 2003 Cost Estimate

 Rules
 Forms
 Solid
 Waste
 Financial
 Responsibility
 Main
 Page
 Cost
 Estimates
 Workshop
 Solid
 Waste
 Section
 Main
 Page
 Image
 Image

Attachment B

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Financial Assurance Cost Estimate Form DEP Form # 62-701.900(28)

EP Form #	62-70



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Florida Department of Environmental Protection Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

#### FINANCIAL ASSURANCE COST ESTIMATE FORM

Date	۰.
Dale	۶.

Date:	12 Feb 20	<del>703</del>	Date of DEP A	pproval:			
I. GENERAL IN	FORMATION:						
Facility Name:	DAK HAMM	ock dispos	AL PACILIT	<u>y</u>	WACS or GM	SID #: _	w
Permit / Applica	tion No.: <i>SC<u>49</u>-</i>	0199726-001	& 5049-01	19726-00	2 Expiration [	Date:	8/28/2007
Permittee:	OMNI U	DASTE OF	OSCEOLA	- COUNT	ry, LLC		
Mailing Address	SAME A	HS ABOVE					
Latitude	:: <u>28°03'</u> 31″	Longitude	: 81°05'41	, " ?	or	UTM:	
Solid Waste Di	sposal Units Inc	luded in Estima	ite:				
			Date Unit Began Accepting		Design Life of From Date of	f Initial	
Phase / Cell PHASE 1 CELL		<u>cres</u> · <i>□</i> 4	<u>Waste</u> 26 JAN 201	04	Receipt of V 5 YRS		
,	<u> </u>						
<u> </u>				-			
		<u></u>	<u>.</u>	-			
Total Landfill Ad	creage included ir	this estimate.	18.04	Closure	18.04		Long-Term Care
Type of landfill:		──_ Class I		Class III			C&D Debris
II. TYPE OF FI	NANCIAL ASSU	RANCE DOCUM	IENT (Check Type)				
	_Letter of Credit	*	$\underline{X}$	Insurance	Certificate		*Indicates
	Performance B	ond*		Escrow Ac	count		mechanisms that require use of a Standby Trust Fund
Guaranty Bond*			·	_Trust Fund	Agreement		Agreement

· · · · · · · · · · · · · · · · · · ·	uire Blvd., Ste. 232 - 38 , FL 32803-3767 7-894-7555		295 Victoria Ave., Ste. 364 Fort Myers, FL 33901-3881 941-332-6975	400 North Congress Ave. West Palm Beach, FL 33401 561-681-6600
---------------------------------------	--	--	--	--

 DEP Form #
 62-701.900(28)

 Form Title
 Financial Assurance Cost Estimate Form

 Effective Date
 05-27:01

DEP Application No. \_ (Filled by DEP)

#### **III. ESTIMATE ADJUSTMENT**

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

#### 🖾 (a) Inflation Factor Adjustment

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste Financial Coordinator at (850)-488-0300.

This adjustment is based on th	stimate dated:	31 DCT 2003		
Latest Department Approved		Current Year		Inflation Adjusted
\$ 1,294,048	x	1.01	=	<i>\$ 1,306,988</i>
This adjustment is based on the D	epartment ap	oproved long-term care cos	st estimate dated:	31 DCT 2003
Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Annual Long-Term Care Cost Estimate:
\$ 80,926	x	1.01	=	\$81,736
Number of Years of Inflation Adjusted Lo	Ū	-	x =	30 \$2,452,07 <u>1</u>

#### (b) Recalculate Estimates (see section V)

#### **IV. CERTIFICATION BY ENGINEER**

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

Signature of Engineer PRINCIPAL KENNETH W. CARGILL, P.E.

Name & Title (pléase type)

54435

Florida Registration Number (affix seal) GEOSYNTEC CONSULTANTS 14055 RIVEREDGE DR. # 300 Mailing Address

813-558-0990

**Telephone Number** 

LENNY MARION, OPERATIONS MANAGER Name & Title (please type)

407-891-3720 Telephone Number

Imasion@capitalenvisonmental.com Owner/Operator E-Mail Address kcargill@geosyntec.com

Engineer E-Mail Address



# Department of Environmental Protection

jeb Bush Governor Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 January 23, 2004

David B. Struhs Secretary

OCD-ERP-04-0076

Omni Waste of Osceola County, LLC C/o Mr. Kenneth Cargill, P.E. GeoSyntec Consultants 14055 Riveredge Drive, Suite 300 Tampa, FL 33637

> Osceola County ERP Oak Hammock Disposal Facility, ERP49-199752-001-EI Certification of Construction Completion

Dear Mr. Cargill:

This will acknowledge receipt of the *Environmental Resource Permit As-Built Certification by a Registered Professional*, dated January 19, 2004, addressing construction of the initial phase of the storm water management system at the Oak Hammock Disposal Facility in Osceola County.

Based upon my inspection on January 20, 2004, and as certified by the professional engineer of record, construction of the initial phase of the storm water management system for the facility has been completed and is substantially consistent with plans and specifications approved under DEP Permit No. ERP49-199752-001-EI. This initial phase consists of the storm water management berm along the site access road, around the landfill footprint and around Borrow Area A, the storm water culvert crossings and structures along the site access road, and the emergency spillway on the east side of the landfill footprint.

As discussed during our inspection, as-built drawings will be submitted once the wetlands improvements and installation of the check dams along Bull Creek have been completed.

Please contact me at 407-893-7874 if you have questions or need further information.

Sincerely,

Debra Laisure, P.E. Engineering Support Submerged Lands and Environmental Resources Program

/dl

cc: Lenny Marion, Omni Waste of Osceola County James N. Bradner, P.E., FDEP Solid and Hazardous Waste Program

Printed on recycled paper.

From: KCargill@GeoSyntec.com Friday, January 23, 2004 9:02 AM Sent: To: Williams, Elizabeth; tjsoomni@aol.com Cc: ddee@landersandparsons.com; Laisure, Debra; Bradner, James Subject: RE: Oak Hammock Cert. of Const. Completion letter 0035 Letter was received. Thank you. Ken Cargill ----Original Message-----From: Williams, Elizabeth [mailto:Elizabeth.Williams@dep.state.fl.us] Sent: Wednesday, January 21, 2004 10:37 AM To: tjsoomni@aol.com Cc: ddee@landersandparsons.com; Ken Cargill; Laisure, Debra; Bradner, James Subject: Oak Hammock Cert. of Const. Completion letter 0035 <<0035 Oak Hammock Certification Letter 01-21-2004.pdf>> Adobe Acrobat Reader 5.0 can be downloaded for free at the following Internet site: http://www.adobe.com/products/adobe/readstep.html It is imperative that you reply to this e-mail indicating that you received this document. It is important that we track this information. Elizabeth Williams elizabeth.williams@dep.state.fl.us Administrative Secretary Waste Management Department of Environmental Protection Telephone 408/893-3328 Suncom 325-3328 FAX 407/893-3124

From: Sent: To: Cc: Subject: Bradner, James Thursday, January 22, 2004 8:24 AM Ken Cargill (E-mail) Williams, Elizabeth FW: Oak Hammock Cert. of Const. Completion letter 0035

Good morning, Ken:

We received a return message indicating that our message to you, with attachment, had been deleted without being read. Please "reply to all" to indiate that you've received your copy of the letter.

Thanks,

Jim

Original Message				
From:	Williams, Elizabeth			
Sent:	Wednesday, January 21, 2004 10:37 AM			
To:	'tjsoomni@aol.com'			
Cc:	'ddee@landersandparsons.com'; 'kcargill@geosyntec.com'; Laisure, Debra; Bradner, James			
Subject:	Oak Hammock Cert. of Const. Completion letter 0035			



035 Oak Hammock Certification...

Adobe Acrobat Reader 5.0 can be downloaded for free at the following Internet site: http://www.adobe.com/products/adobe/readstep.html

It is imperative that you reply to this e-mail indicating that you received this document. It is important that we track this information.

1

Elizabeth Williams elizabeth.williams@dep.state.fl.us Administrative Secretary Waste Management Department of Environmental Protection Telephone 408/893-3328 Suncom 325-3328 FAX 407/893-3124





fill

Jeb Bush Governor

ELECTRONIC MAIL

Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

David B. Struhs Secretary

January 21, 2004

OCD-SW-04-0035

Mr. Timothy J. Salopek, President (tjsomni@aol.com) Omni Waste of Seminole County, LLC 1501 Omni Way Holopaw, Florida 34773

> Osceola County SW Oak Hammock Disposal Facility Certification of Construction Completion

Dear Mr. Salopek:

This will acknowledge receipt of the *Certification of Construction Completion of a Solid Waste Management Facility*, dated, January 18, 2004 by Kenneth W. Cargill, P.E. of GeoSyntec Consultants, addressing Cell 1A.

Based upon my inspection on January 20, 2004, construction of the Cell 1A, as certified by the professional engineer of record, has been completed and is substantially consistent with plans and specifications approved under DEP Permit No. SC49-0199726-001. Accordingly, solid waste may be placed in Cell 1A for disposal upon the Department's acceptance of the certification of construction completion for applicable features of the surface water management system referenced in DEP Permit No. ERP49-199752-001-EI.

Please contact me at 407-893-3329 if you have questions or need further information.

Sincerely,

Jamee n. Bradner

James N. Bradner, P.E., Manager Solid and Hazardous Waste Program

/jnb

cc: David S. Dee, Landers and Parsons (<u>ddee@landersandparsons.com</u>) Kenneth Cargill, P.E., GeoSyntec Consultants (<u>kcargill@geosyntec.com</u>) Debra Laisure, P.E., FDEP Environmental Resource Permitting

From: Sent: To: Subject:

Bradner, James Thursday, January 15, 2004 4:35 PM Williams, Elizabeth FW: Oak Hammock Landfill Correspondence

-----Original Message-----From: David S. Dee [mailto:ddee@landersandparsons.com] Sent: Thursday, January 15, 2004 4:31 PM To: Bradner, James Subject: Re: Oak Hammock Landfill Correspondence

Thanks, Jim.

Bradner, James wrote:

> <<Oak Hammock Financial Letter - David Dee.pdf>>
>Non-FDEP recipients: Please acknowledge receipt of the attached letter by
>return message.
>

1

>



# Department of Environmental Protection

Jeb Bush Governor Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

David B. Struhs Secretary

January 15, 2004

ELECTRONIC MAIL ddee@landersandparsons.com

David S. Dee Landers and Parsons, P.A. 310 West College Avenue Tallahassee, Florida 32303-0271 OCD-SW-04-0016

Omni Waste of Osceola County, LLC Oak Hammock Landfill DEP Permits SC49-0199726-001, SO49-0199726-002 and ERP49-199752-001-EI

Dear Mr. Dee:

This will respond to your letter, dated January 8, 2004, about of receipt and disposal of solid waste at the Omni Waste of Osceola County, LLC (Omni) Oak Hammock Landfill.

Based upon Omni's demonstration of adequate financial assurance on December 4, 2003, and contingent upon acceptance of the certification of construction completion for the permit numbers noted above, the Department has no objection to receipt and disposal of solid waste at the Oak Hammock Landfill, even if this occurs before February 2, 2004 (60 days after demonstration of adequate financial assurance).

Receipt of the certification of construction completion documents and a site inspection with the professional engineer of record are scheduled for January 20, 2004. Please contact me at 407-893-3329 if you have questions or need further information.

Sincerely,

James n. Bradner

James N. Bradner, P.E., Manager Solid and Hazardous Waste Program

/jnb

 cc: Tim Salopek, President, Omni Waste of Osceola County, LLC (<u>tjsomni@aol.com</u>) Kenneth Cargill, P.E., GeoSyntec Consultants (<u>kcargill@geosyntec.com</u>) Fred Wick, FDEP Financial Coordinator Chris McGuire, FDEP Office of General Counsel Debra Laisure, P.E., FDEP Environmental Resource Permitting

return message.

From: Bradner, James Sent: Thursday, January 15, 2004 3:43 PM To: 'KCargill@GeoSyntec.com' Williams, Elizabeth Cc: RE: Oak Hammock Landfill Correspondence Subject: Good afternoon, Ken: Debra Laisure, Leo Anglero, George Cheryan and I will attend. If anyone else is added to the list I will let you know. We'll look forward to seeing you on Tuesday. Thanks, Jim ----Original Message-----From: KCargill@GeoSyntec.com [mailto:KCargill@GeoSyntec.com] Sent: Thursday, January 15, 2004 3:38 PM To: Bradner, James Subject: RE: Oak Hammock Landfill Correspondence Jim Receipt acknowledged. See you at 1000 on Tuesday, 20 Jan. By the way, did you get a confirmation that Debra Laisure would also attend this inspection? Ken ----Original Message-----From: Bradner, James [mailto:James.Bradner@dep.state.fl.us] Sent: Thursday, January 15, 2004 3:22 PM To: David Dee (E-mail) Cc: Timothy J. Salopek (E-mail) (E-mail); Ken Cargill; Wick, Fred; McGuire, Chris; Laisure, Debra Subject: Oak Hammock Landfill Correspondence <<Oak Hammock Financial Letter - David Dee.pdf>>

Non-FDEP recipients: Please acknowledge receipt of the attached letter by

1

From:KCargill@GeoSyntec.comSent:Wednesday, January 14, 2004 8:41 AMTo:Williams, ElizabethSubject:RE: 0395 Oak Hammock permit modification and attachment

received in December, sorry for the delay. Ken Cargill

-----Original Message-----From: Williams, Elizabeth [mailto:Elizabeth.Williams@dep.state.fl.us] Sent: Tuesday, December 16, 2003 10:24 AM To: TJSOmni@aol.com Cc: Tedder, Richard; Wick, Fred; Ken Cargill; ddee@landersandparsons.com; dshe@osceola.org Subject: 0395 Oak Hammock permit modification and attachment

<<0395 Oak Hammock Permit Mod with attach.pdf>>

Adobe Acrobat Reader 5.0 can be downloaded for free at the following Internet site: http://www.adobe.com/products/adobe/readstep.html

It is imperative that you reply to this e-mail indicating that you received this document. It is important that we track this information.

Elizabeth Williams elizabeth.williams@dep.state.fl.us Administrative Secretary Waste Management Department of Environmental Protection Telephone 408/893-3328 Suncom 325-3328 FAX 407/893-3124

LANDERS & PARSONS, P.A.

DAVID S. DEE RONALD A. LABASKY JOSEPH W. LANDERS, JR. JOHN T. LAVIA. III FRED A. McCORMACK PHILIP S. PARSONS ROBERT SCHEFFEL WRIGHT

\*

ATTORNEYS AT LAW BIO WEST COLLEGE AVENUE TALLAHASSEE, FL 32301

January 8, 2004

MAILING ADDRESS: POST OFFICE BOX 271 TALLAHASSEE, FL 32302-0271

TELEPHONE (850) 681-0311 TELECOPY (850) 224-5595 www.landersandparsons.com

RECEIVED

James N. Bradner, P.E. Program Manager Solid/Hazardous Waste Department of Environmental Protection 3319 Maguire Blvd. Suite 232 Orlando, Florida 32803-3767 JAN 1 2 2004 Central Dist. - DEP

Re: Omni Waste of Osceola County, LLC; DEP Permit No. SC49-0199726-001 and SO49-0199726-002

Dear Mr. Bradner:

On behalf of Omni Waste of Osceola County, LLC ("Omni"), I am sending you this letter confirm my understanding about the FDEP requirements that are applicable to Omni's new landfill in Osceola County, Florida.

On October 18, 2002, the Florida Department of Environmental Protection ("Department") issued a permit that authorized Omni to construct and operate its new landfill. In Specific Condition 53, the permit requires Omni to submit proof of financial responsibility to the Department 60 days before Omni accepts any solid waste at its facility. On December 4, 2003, Omni submitted its proof of financial responsibility to the Department. On December 24, 2003, the Department confirmed that Omni has satisfied the Department's requirements for financial responsibility.

Omni currently expects to file its certification of completion of construction ("Certification") on or about January 15, 2004. After the Department reviews the Certification and inspects the landfill, Omni would like to begin to receive solid waste at its facility. At that juncture, the Department will have verified that construction is complete, it will have confirmed that Omni's financial assurance documents are appropriate, and there will be no reason to delay the operation of Omni's landfill. James N. Bradner, P.E. January 8, 2004 Page 2

>

Based on our recent discussions, it is my understanding that the Department will not object to Omni's receipt of solid waste after the Department reviews the Certification and inspects the site, even if solid waste is delivered less than 60 days after Omni submitted its documents concerning financial responsibility.

To ensure that there is no confusion about this issue, Omni would greatly appreciate receiving the Department's written confirmation that my understanding about these issues is correct.

Thank you for your assistance.

-Sincerely,

David S. Dee

From: Sent: To: Cc: Subject: McGuire, Chris Friday, January 02, 2004 1:31 PM Wick, Fred; Bradner, James; Tedder, Richard; Martin, Lee Lubozynski, Tom; Williams, Elizabeth RE: Omni Waste Financial Assurance

I agree that at this point there is nothing to be gained by insisting they wait for 60 days.

Original Message				
From:	Wick, Fred			
Sent:	Wednesday, December 31, 2003 1:02 PM			
To:	Bradner, James; Tedder, Richard; Martin, Lee; McGuire, Chris			
Cc:	Lubozynski, Tom; Williams, Elizabeth			
Subject:	RE: Omni Waste Financial Assurance			

Jim,

I see no problem with allowing them to accept waste once the financial assurance mechanisms are approved and all other district requirements have been met. In fact, I don't believe we have ever held a facility to the 60 day period. We only care that they not operate until the financial is approved. As you know, financial was approved this past week.

#### Fred

----Original Message----From: Bradner, James
Sent: Tuesday, December 30, 2003 3:56 PM
To: Tedder, Richard; Martin, Lee; McGuire, Chris; Wick, Fred
Cc: Lubozynski, Tom; Williams, Elizabeth
Subject: Omni Waste Financial Assurance

Good afternoon, Gentlemen:

Last week, I received a call from David Dee, attorney for Omni Waste, about financial assurance for the Oak Hammock landfill in Osceola County. The insurance policies, which are the approved financial mechanisms for closure and long-term care, became effective on December 4. Rule 62-701.630(1)(b) states that the financial mechanism shall be created, and alternate financial mechanisms shall be fully funded, at least 60 days prior to the acceptance of any solid waste at the facility. Through David, Omni has requested that we waive a portion of the 60-day period, if necessary, so that waste can be received after we accept certification of construction completion. David is willing to make a formal request in writing. Do you concur that we could allow Omni to accept waste sooner than February 2, 2004, the 60<sup>th</sup> day after the effective date of the financial mechanisms? We can also discuss by phone if you prefer.

#### Thanks,

Jim

James N. Bradner, P.E. Manager, Solid and Hazardous Waste Program Central District Department of Environmental Protection 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 407-893-3329 direct phone 407-893-3167 fax 407-894-7555 Central District Witchboard 325-3329 direct SunCom James.Bradner@floridadep.net

From: Sent: To: Cc: Subject: Bradner, James Wednesday, December 31, 2003 1:52 PM David Dee (E-mail) Lubozynski, Tom; Williams, Elizabeth Omni Waste Financial Assurance

Good afternoon, David:

After having consulted the appropriate staff and managers in our organization, I have determined that we will look favorably upon a formal request from Omni Waste to dispose solid waste at the Oak Hammock Landfill before February 2, 2004, following the Department's acceptance of the required certification of construction completion. Accordingly, please make the formal request, on Omni's behalf, as we discussed.

Thanks,

Jim Bradner

James N. Bradner, P.E. Manager, Solid and Hazardous Waste Program Central District Department of Environmental Protection 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 407-893-3329 direct phone 407-893-3167 fax 407-894-7555 Central District switchboard 325-3329 direct SunCom James.Bradner@floridadep.net

From: Sent: To: Cc: Subject: Wick, Fred Wednesday, December 31, 2003 1:02 PM Bradner, James; Tedder, Richard; Martin, Lee; McGuire, Chris Lubozynski, Tom; Williams, Elizabeth RE: Omni Waste Financial Assurance

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#### Fred

-----Original Message----- **From:** Bradner, James **Sent:** Tuesday, December 30, 2003 3:56 PM **To:** Tedder, Richard; Martin, Lee; McGuire, Chris; Wick, Fred **Cc:** Lubozynski, Tom; Williams, Elizabeth **Subject:** Omni Waste Financial Assurance

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From: Sent: To: Cc: Subject: Bradner, James Tuesday, December 30, 2003 3:56 PM Tedder, Richard; Martin, Lee; McGuire, Chris; Wick, Fred Lubozynski, Tom; Williams, Elizabeth Omni Waste Financial Assurance

Good afternoon, Gentlemen:

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Department of Environmental Protection

Jeb Bush Governor Twin Towers Office Building 2600 Blair Stone Road MS 4565 Tallahassee, Florida 32399-2400

David B. Struhs Secretary

December 24, 2003

DEC 2 9 2003 Central Dist. - Lana

Mr. Tim J. Salopek President Omni Waste of Osceola County, LLC Post Office Box 421613 Kissimmee, Florida 34741

Re: WACS 00089544 - Oak Hammock Disposal

Dear Mr. Salopek:

I have reviewed the documentation submitted to demonstrate financial assurance for the above referenced facility and find it is in order. Evergreen National Indemnity Company insurance certificates identifying policy numbers 850576 for closing and 850577 for long-term care both effective December 4, 2003, demonstrate adequate financial assurance in the amount of the Department approved closing and long-term care cost estimates for cell I of phase I in the amount of \$1,294,048 and \$2,427,793, respectively. Therefore, Oak Hammock Disposal is in compliance with the financial assurance requirements of 40 CFR Part 264, Subpart H, as adopted by reference in Rule 62-701.630, Florida Administrative Code, at this time.

Remember, specific condition number 53 of your permit requires that proof of financial assurance must be approved at least sixty (60) days prior to any solid waste being accepted in cells 2-4 of phase 1. To avoid delays, please plan your submissions to allow sufficient time for processing, review, and approval of the financial instruments. If you have any questions, please contact me at (850) 245-8732.

Sincerely.

Frank Hornbrook Environmental Specialist Solid Waste Section

FH

cc: Fred Wick, DEP/TLH James Bradner, DEP/ORL

Visit our Web Site: http://www.dep.state.fl.us/waste/categories/swfr/

"More Protection, Less Process"

Florida Department of Province Protection Central District Wasternanagement Program 3319 Maguire Blvd, Ste. 232 Orlando, Florida 32803-3767 Facsimile Transmittal nos Manne Fax: To: Central Date: From: DE Pages: Re: (including cover sheet) <u>.</u> • CC: Waste Cleanup & Tanks Solid Waste Section **Hazardous Waste Section** (407) 893-3321 or SC 325-3321 (407) 893-3323 or SC 325-3323 (407) 893-3328 or SC 325-3328 FAX (407) 893-3599 or FAX (407) 893-3124 or FAX (407) 893-3167 or SC 342-3599 SC 342-3124 SC 342-3167 His all 561-843- 1084) His all 561-843- 1084) Uppy of format (he picked). Notes:

From:Bradner, JamesSent:Tuesday, November 04, 2003 11:07 AMTo:Williams, ElizabethSubject:FW: Clarification of Financial Assurance Conditions

For the Oak Hammock file.

----Original Message----From: KCargill@GeoSyntec.com [mailto:KCargill@GeoSyntec.com] Sent: Monday, November 03, 2003 4:16 PM To: Bradner, James Subject: RE: Clarification of Financial Assurance Conditions

The subjectletter was received.

-----Original Message-----From: Bradner, James [mailto:James.Bradner@dep.state.fl.us] Sent: Monday, November 03, 2003 3:42 PM To: Ken Cargill Cc: Timothy J. Salopek (E-mail) (E-mail); Hornbrook, Frank; Williams, Elizabeth Subject: Clarification of Financial Assurance Conditions

<<Oak Hammock Financial e-corresondence.pdf>> Please send a return message to acknowledge receipt of the attached correspondence.





Jeb Bush Governor

**Central District** 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

David B. Struhs Secretary

ELECTRONIC MAIL kcargill@geosyntec.com

November 3, 2003

OCD-SW-03-0354

Mr. Kenneth W. Cargill, P.E. Principal. GeoSyntec Consultants 14055 Riveredge Drive, Suite 300 Tampa, Florida 33637

> Osceola County SW Oak Hammock Disposal Facility Clarification of Financial Assurance Conditions

Dear Mr. Cargill:

Based upon the information provided in your letter and accompanying attachments, signed and sealed by you on October 31, 2003, the proposal to provide financial assurance in phases to coincide with construction of cells 1 through 4 of the Oak Hammock Disposal Facility appears to be consistent with the requirements of Specific Condition 53 of DEP Permits SC49-0199726-001 and SO49-0199726-002, and Rule 62-701.630, Florida Administrative Code.

Accordingly, the Department has no objection to the permittee providing financial assurance in phases, at least 60 days prior to acceptance of waste in each cell, providing that annual cost estimates and financial instrument adjustments are made in accordance with Specific Condition 54 and all applicable rule requirements.

A copy of your letter and this response will be made a part of the Department's permit file for the Oak Hammock Disposal Facility. Please contact me at 407-893-3329 if you have questions or need further information.

Sincerely,

James M. Bradner

James N. Bradner, P.E., Manager Solid and Hazardous Waste Program

/jnb

Tim Salopek, President, Omni Waste (tjsomni@aol.com) cc: Frank Hornbrook, FDEP Financial Coordinator (Frank.Hornbrook@floridadep.net)

#### Bradner, James

From: Sent: To: Cc: Subject: Bradner, James Monday, November 03, 2003 3:42 PM Ken Cargill (E-mail) Timothy J. Salopek (E-mail) (E-mail); Hornbrook, Frank; Williams, Elizabeth Clarification of Financial Assurance Conditions



Oak Hammock Financial e-corre...

Please send a return message to acknowledge receipt of the attached correspondence.

#### Bradner, James

From: Sent: To: Cc: Subject: Bradner, James Monday, November 03, 2003 3:54 PM Hornbrook, Frank Lubozynski, Tom Oak Hammock Landfill Financial Assurance

Good afternoon, Frank:

I appreciate your advice and assistance on the question about phased financial assurance for the Oak Hammock Landfill. I confirmed with Ken Cargill, the professional engineer of record, that the proposed financial assurance mechanism was a performance bond, not a trust fund or escrow account. I've notified Ken and his client that the phased financial assurance proposal is acceptable, and I'll forward a copy of Ken's letter to you on our Tallahassee mail.

Thanks,

Jim



# GEOSYNTEC CONSULTANTS



14055 Riveredge Drive, Suite 300 Tampa, Florida 33637 • USA Telephone (813) 558-0990 • Fax (813) 558-9726

31 October 2003

Mr. James N. Bradner, P.E. Program Manager, Solid/Hazardous Waste Florida Department of Environmental Protection, Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

Subject: Clarification of Financial Assurance Conditions Oak Hammock Disposal Facility Osceola County, Florida Permit Nos. SC49-0199726-001 and SO49-0199726-002

Dear Mr. Bradner:

GeoSyntec Consultants has prepared this letter on behalf of Omni Waste of Osceola County (Omni) to provide clarification of the financial assurance conditions for Phase 1 of the Oak Hammock Disposal Facility (OHDF) in Osceola County, Florida. Phase 1 of the OHDF is comprised of four cells separated by intercell berms, and it is separated from future landfill phases by similar intercell berms. Special Condition No. 53 of the referenced permits issued by the Florida Department of Environmental Protection (FDEP) requires that "Proof that the financial mechanisms are established and funded ... shall be submitted to the Department sixty (60) days prior to the acceptance of any solid waste at the facility".

The latest financial assurance estimate for Phase 1 of the OHDF was prepared in April 2003 by GeoSyntec and accounts for costs of closure and long-term care in compliance with Rule 62-701.630, Florida Administrative Code (F.A.C.). The total amount estimated was \$7,771,073 for all the cells in Phase 1 (i.e. cells 1 through 4). If a more accurate and realistic scenario is considered for the timing of cell construction and operation, the cost for the required financial assurance can be more accurately estimated. During the first year of operation of the landfill, only Cell 1 will receive waste, Cell 2 will be activated in year 2, Cell 3 in year 3, and Cell 4 in year 4. GeoSyntec understands that the financial assurance requirement can be adjusted to consider only the cells scheduled to contain waste during the period covered by the financial assurance. Cells not yet constructed would be financially assured prior to waste being disposed in them.

A summary of the total cost for closure and long-term care for each of the Cells 1 through 4 is provided in the table below. These costs are a breakdown of the estimated costs for each individual cell provided by the Financial Assurance Cost Estimate Form





Mr. James N. Bradner, P.E 31 October 2003 Page 2

provided to FDEP in April 2003. The tables included in Appendices A and B provide a further breakdown of the costs for each item obtained from the cost estimate form. The table below has allocated these costs to each cell.

	Cell 1	Cell 2	Cell 3	Cell 4	Total Cost
Closure	\$1,294,048	\$892,348	\$787,619	\$787,619	\$3,761,633
Long-Term Care (30 years)	\$2,427,793	\$566,422	\$507,612	\$507,612	\$4,009,440
Total	\$7,771,073				

The table below provides a summary of the progressive financial assurance requirements for the OHDF during Phase 1. This table provides the cumulative closure and long-term care costs associated with each additional cell being constructed. Additional financial assurance will be provided prior to each additional cell accepting any waste. These values represent costs in 2003 and do not account for inflation that could occur between now and the time of construction of the cells. Therefore, the total costs will be inflated by the FDEP approved rate (currently 2 percent) annually. Also, the costs assume that no cell is closed during construction of the four cells.

Cells under Construction	Closure Cost	Long-Term Care Cost	Adjusted Estimate of Financial Assurance
1	\$1,294,048	\$2,427,793	\$3,721,840
1, 2	\$2,186,395	\$2,994,215	\$5,180,611
1, 2, 3	\$2,974,014	\$3,501,828	\$6,475,842
1, 2, 3, 4	\$3,761,633	\$4,009,440	\$7,771,073

Omni proposes to provide financial assurance for Cell 1 (i.e. \$3,721,840) prior to waste acceptance at the OHDF in accordance with permit special condition No. 53. Prior to waste acceptance in Cell 2, financial assurance will be supplemented to include the cost of closure and long-term care for Cell 1 and 2 (i.e. a total of \$5,180,611). Similarly, prior to acceptance of waste in Cell 3 or Cell 4, the financial assurance will be supplemented to reflect the cost of closure and long-term care for closure and long-term care for all cells intended to contain waste.



Mr. James N. Bradner, P.E 31 October 2003 Page 3

On behalf of Omni, GeoSyntec requests your concurrence with this clarification of financial assurance conditions. Your earliest response would be appreciated as the time for establishment of financial assurance for Cell 1 is approaching. If you have any questions or need additional information, please do not hesitate to contact the undersigned.

Sincerely,

Kenneth W. Cargill, P.E. Principal

Copy to: Tim Salopek, Omni Waste Lenny Marion, Omni Waste Frank Hornbrook, FDEP Solid Waste Section



#### **APPENDIX A**

#### OAK HAMMOCK DISPOSAL FACILITY **ESTIMATED CLOSING COST FOR CELLS 1 TO 4**

Area of Cells	
Cell	Area
Cell	ac
1	18.04
2	12.44
3	10.98
4	10.98
Total area:	52.44

**Total Estimated Total Estimated** Total Estimated Total Estimated Total Estimated Work Description Amount Item # Amount Amount Amount Amount Cells 1, 2, 3, 4 Cell 1 Cell 2 Cell 3 Cell 4 1 Proposed Monitoring Wells N/A N/A N/A N/A N/A 2 Slope and Fill \$62,273 \$62,273 \$297,413 \$102,314 \$70,553 3 Cover Material (Barrier Layer) \$1,899,767 \$653,543 \$450,669 \$397,777 \$397,777 4 Vegetative Soil Cover \$25,198 \$22,241 \$22,241 \$106,220 \$36,541 \$22,638 5 Vegetative Layer \$108,120 \$37,195 \$25,649 \$22,638 \$20,754 6 Stormwater Control System \$99,122 \$34,099 \$23,514 \$20,754 \$21,777 \$21,777 7 Gas Controls: Active \$104,007 \$35,780 \$24,673 8 Gas Control: Active Extraction \$138,115 \$47,513 \$32,764 \$28,919 \$28,919 \$1,068 9 Security System \$1,210 \$1,068 \$5,100 \$1,754 10 Engineering \$102,520 \$24,320 \$21,466 \$21,466 \$35,268 11 Professional Services \$433,925 \$149,275 \$102,937 \$90,856 \$90,856 Subtotal of 1-11 Above: \$3,294,309.0 \$781,487.5 \$689,769.5 \$689,769.5 \$1,133,282.5 Contingency (10% of Total) \$68,977.0 12 \$78,148.7 \$68,977.0 \$329,431.0 \$113,328.3 **Closing Cost Subtotal:** \$758,746.5 \$3,623,740.0 \$1,246,610.8 \$859,636.2 \$758,746.5 Site Specific Costs: 13 \$137,893.0 \$47,436.9 \$32,711.5 \$28,872.3 \$28,872.3 TOTAL CLOSING COSTS: \$3,761,633.0 \$1,294,047.6 \$892,347.7 \$787,618.8 \$787,618.8





#### APPENDIX B

#### OAK HAMMOCK DISPOSAL FACILITY ANNUAL COST FOR LONG-TERM CARE FOR CELLS 1 TO 4

Area of Cells

Cell	Area ac	
1	18.04	
2	12.44	
3	10.98	
4	10.98	
Total area:	52.44	

ltem #	Work Description	Total Estimated Amount Cells 1, 2, 3, 4	Total Estimated Amount Cell 1	Total Estimated Amount Cell 2	Total Estimated Amount Cell 3	Total Estimated Amount Cell 4
1	Groundwater Monitoring	\$45,441	\$45,441	\$0	\$0	\$0
2	Surface Water Monitoring	\$0	\$0	\$0	\$0	\$0
3	Gas Monitoring	\$3,060	\$3,060	\$0	\$0	\$0
4	Leachate Monitoring	\$5,175	\$1,294	\$1,294	\$1,294	\$1,294
5	Leachate Collection / Treatment Systems Maintenance	\$4,123	\$1,643	\$827	\$827	\$827
6	Leachate Collection / Treatment Systems Operation	\$7,956	\$2,737	\$1,887	\$1,666	\$1,666
7	Maintenance of Groundwater Monitoring Wells	\$357	\$357	\$0	\$0	\$0
8	Gas System Maintenance	\$108	\$22	\$43	\$22	\$22
9	Landscape	\$24,480	\$8,421	\$5,807	\$5,126	\$5,126
10	Erosion Control & Cover Maintenance	\$2,142	\$737	\$508	\$448	\$448
11	Storm Water Management System Maintenance	\$2,040	\$702	\$484	\$427	\$427
12	Security System Maintenance	\$1,116	\$384	\$265	\$234	\$234
13	Utilities	\$12,240	\$4,211	\$2,904	\$2,563	\$2,563
14	Administrative	\$13,260	\$4,562	\$3,146	\$2,776	\$2,776
	Subtotal of 1-14 Above:	\$121,498.00	\$73,569.37	\$17,164.29	\$15,382.17	\$15,382.17
15	Contingency (10% of Total)	\$12,150.00	\$7,357.06	\$1,716.46	\$1,538.24	\$1,538.24
	Annual Long-Term Care Cost (\$/Year)	\$133,648.00	\$80,926.43	\$18,880.75	\$16,920.41	\$16,920.41
16	Number of Years of Long-Term Care	30	30	30	30	30
	TOTAL CLOSING COSTS:	\$4,009,440.00	\$2,427,793	\$566,422	\$507,612	\$507,612



SEP 3 0 2003

29 September 2003

Mr. James N. Bradner, P.E. Program Manager, Solid/Hazardous Waste Florida Department of Environmental Protection, Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

Subject: Clarification of Financial Assurance Conditions

Oak Hammock Disposal Facility

Geccia County, Florida

Permit Nos. SC49-0199726-001 and SO49-0199726-002

Dear Mr. Bradner:

GeoSyntec Consultants has prepared this letter on behalf of Omni Waste of Osceola County (Omni) to provide clarification of the financial assurance conditions for Phase 1 of the Oak Hammock Disposal Facility (OHDF) in Osceola County, Florida. Phase 1 of the OHDF is comprised of four cells separated by intercell berms, and it is separated from future landfill phases by similar intercell berms. Special Condition No. 53 of the referenced permits issued by the Florida Department of Environmental Protection (FDEP) requires that "Proof that the financial mechanisms are established and funded ... shall be submitted to the Department sixty (60) days prior to the acceptance of any solid waste at the facility".

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A summary of the total cost for closure and long-term care for each of the Cells 1 through 4 is provided in the table below. These costs are a breakdown of the estimated costs for each individual cell provided by the Financial Assurance Cost Estimate Form

RECYCLED AND RECYCLABLE

## Mr. James N. Bradner, P.E 29 September 2003 Page 2

provided to FDEP in April 2003. The tables included in Appendices A and B provide a further breakdown of the costs for each item obtained from the cost estimate form. The table below has allocated these costs to each cell.

	Cell 1	Cell 2	Cell 3	Cell 4	Total Cost		
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Total Cost for Closure and Long-Term Care for Cells 1 through 4: \$7,771,073							

The table below provides a summary of the progressive financial assurance requirements for the OHDF during Phase 1. This table provides the cumulative closure and long-term care costs associated with each additional cell being constructed. Additional financial assurance will be provided prior to each additional cell accepting any waste. These values represent costs in 2003 and do not account for inflation that could occur between now and the time of construction of the cells. Therefore, the total costs will be inflated by the FDEP approved rate (currently 2 percent) annually. Also, the costs assume that no cell is closed during construction of the four cells.

Cells under Construction	Closure Cost	Long-Term Care Cost	Adjusted Estimate of Financial Assurance
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RECYCLED AND RECYCLABLE

Mr. James N. Bradner, P.E 29 September 2003 Page 3

On behalf of Omni, GeoSyntec requests your concurrence with this clarification of financial assurance conditions. Your earliest response would be appreciated as the time for establishment of financial assurance for Cell 1 is approaching. If you have any questions or need additional information, please do not hesitate to contact the undersigned.

RECYCLED AND RECYCLABLE

Sincerely,

C A

Kenneth W. Cargill, P.E. Principal

Copy to: Tim Salopek, Omni Waste Lenny Marion, Omni Waste Frank Hornbrook, FDEP Solid Waste Section

FX0521/Financial Assurance



#### APPENDIX A

#### OAK HAMMOCK DISPOSAL FACILITY ESTIMATED CLOSING COST FOR CELLS 1 TO 4

#### Area of Cells

Area
ac
18.04
12.44
10.98
10.98

Total area: 52.44

ltem #	Work Description	Total Estimated Amount Cells 1, 2, 3, 4	Total Estimated Amount Cell 1	Total Estimated Amount Cell 2	Total Estimated Amount Cell 3	Total Estimated Amount Cell 4
1	Proposed Monitoring Wells	N/A	N/A	N/A	N/A	N/A
2	Slope and Fill	\$297,413	\$102,314	\$70,553	\$62,273	\$62,273
3	Cover Material (Barrier Layer)	\$1,899,767	\$653,543	\$450,669	\$397,777	\$397,777
4	Vegetative Soil Cover	\$106,220	\$36,541	\$25,198	\$22,241	\$22,241
5	Vegetative Layer	\$108,120	\$37,195	\$25,649	\$22,638	\$22,638
6	Stormwater Control System	\$99,122	\$34,099	\$23,514	\$20,754	\$20,754
7	Gas Controls: Active	\$104,007	\$35,780	\$24,673	\$21,777	\$21,777
8	Gas Control: Active Extraction	\$138,115	\$47,513	\$32,764	\$28,919	\$28,919
9	Security System	\$5,100	\$1,754	\$1,210	\$1,068	\$1,068
10	Engineering	\$102,520	\$35,268	\$24,320	\$21,466	\$21,466
11	Professional Services	\$433,925	\$149,275	\$102,937	\$90,856	\$90,856
	Subtotal of 1-11 Above:	\$3,294,309.0	\$1,133,282.5	\$781,487.5	\$689,769.5	\$689,769.5
12	Contingency (10% of Total)	\$329,431.0	\$113,328.3	\$78,148.7	\$68,977.0	\$68,977.0
	Closing Cost Subtotal:	\$3,623,740.0	\$1,246,610.8	\$859,636.2	\$758,746.5	\$758,746.5
13	Site Specific Costs:	\$137,893.0	\$47,436.9	\$32,711.5	\$28,872.3	\$28,872.3
	TOTAL CLOSING COSTS:	\$3,761,633.0	\$1,294,047.6	\$892,347.7	\$787,618.8	\$787,618.8

#### APPENDIX B

#### OAK HAMMOCK DISPOSAL FACILITY ANNUAL COST FOR LONG-TERM CARE FOR CELLS 1 TO 4

Area of Cells

Cell	Area
Cell	ac
1	18.04
2	12.44
3	10.98
4	10.98

Total area: 52.44

ltem #	Work Description	Total Estimated Amount Cells 1, 2, 3, 4	Total Estimated Amount Cell 1	Total Estimated Amount Cell 2	Total Estimated Amount Cell 3	Total Estimated Amount Cell 4
1	Groundwater Monitoring	\$45,441	\$45,441	\$0	\$0	\$0
2	Surface Water Monitoring	\$0	\$0	\$0	\$0	\$0
3	Gas Monitoring	\$3,060	\$3,060	\$0	\$0	\$0
4	Leachate Monitoring	\$5,175	\$1,294	\$1,294	\$1,294	\$1,294
5	Leachate Collection / Treatment Systems Maintenance	\$4,123	\$1,643	\$827	\$827	\$827
6	Leachate Collection / Treatment Systems Operation	\$7,956	\$2,737	\$1,887	\$1,666	\$1,666
7	Maintenance of Groundwater Monitoring Wells	\$357	\$357	\$0	\$0	\$0
8	Gas System Maintenance	\$108	\$22	\$43	\$22	\$22
9	Landscape	\$24,480	\$8,421	\$5,807	\$5,126	\$5,126
10	Erosion Control & Cover Maintenance	\$2,142	\$737	\$508	\$448	\$448
11	Storm Water Management System Maintenance	\$2,040	\$702	\$484	\$427	\$427
12	Security System Maintenance	\$1,116	\$384	\$265	\$234	\$234
13	Utilities	\$12,240	\$4,211	\$2,904	\$2,563	\$2,563
14	Administrative	\$13,260	\$4,562	\$3,146	\$2,776	\$2,776
	Subtotal of 1-14 Above:	\$121,498.00	\$73,569.37	\$17,164.29	\$15,382.17	\$15,382.17
15	Contingency (10% of Total)	\$12,150.00	\$7,357.06	\$1,716.46	\$1,538.24	\$1,538.24
	Annual Long-Term Care Cost (\$/Year)	\$133,648.00	\$80,926.43	\$18,880.75	\$16,920.41	\$16,920.41
16	Number of Years of Long-Term Care	30	30	30	30	30
	TOTAL CLOSING COSTS:	\$4,009,440.00	\$2,427,793	\$566,422	\$507,612	\$507,612

Memorandum

Florida Department Of Environmental Protection

## **CENTRAL DISTRICT**

то:	Financial Coordinator Solid Waste Section MS-4565 Division of Waste Management	DCD-SW-03-0181
FROM:	James N. Bradner, P.E. Program Manager Solid and Hazardous Waste	
DATE:	May 13, 2003	
SUBJECT:	Osceola County – SW Oak Hammock Disposal, Class I Permit Application Nos. SC49-0199726-001 & SO49-0199 Review of Closure/Long-Term Care Cost Estimates	9726-002

We have reviewed the enclosed closure and long-term care cost estimates dated April 30, 2003, for the subject facility and believe that they are adequate for the site at this time.

Please feel free to contact me if you need any additional information.

JNB/ġc/ew

Enclosures

cc: Frank Hornbrook – DEP – Tallahassee – MS-4565

**GEOSYNTEC CONSULTANTS** 

30 April 2003

RECEIVED

Mr. James N. Bradner, P.E. Program Manager, Solid/Hazardous Waste Florida Department of Environmental Protection, Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

MAY U 7 2003 Central Dist. - Da Annual Adjustment of Closure and Long-Term Care Cost Subject: Oak Hammock Disposal Facility Osceola County, Florida Permit Nos. SC49-0199726-001 and SO49-0199726-002

Dear Mr. Bradner:

The adjusted closure and long-term care cost estimate for Oak Hammock Disposal Facility (OHDF) in Osceola County, Florida is attached. The closure and long-term care cost estimate for OHDF was revised/adjusted in compliance with Rule 62-701.630(4), Florida Administrative Code (F.A.C.). The original closure and long-term care cost estimate prepared in April 2002 was submitted as part of the solid waste permit application to Florida Department of Environmental Protection (FDEP) in May 2002. The above referenced permit to construct and operate OHDF was issued by FDEP to Omni Waste of Osceola County, LLC (Omni) on 18 October 2002.

The revised closure and long-term care cost estimate for 2003 incorporates a 2 percent inflation for the past year. The 2002 cost estimate (presented in Appendix R of the solid waste permit application) assumed a highly conservative unit cost for earthwork and HDPE geomembrane liner installation. Based on a survey of earthwork contractors and liner manufacturers/installers, the unit cost of earthwork and HDPE geomembrane liner installation has been reduced in the revised 2003 cost estimate to reflect more realistic and current unit costs. The impact of this adjustment is that the revised 2003 closure and long-term care cost estimate is slightly less than the original 2002 cost estimate. GeoSyntec believes that the revised closure and long-term care cost estimate (in 2003 dollars) are accurate and more realistic.

RECYCLED AND RECYCLABLE

FW0400/Closure Estimates/Closure Cost Rev.doc

Mr. James N. Bradner, P.E 30 April 2003 Page 2

The original 2002 closure and long-term care cost estimate and the revised/adjusted 2003 cost estimate are summarized below.

	2002 (Original Estimate)	2003 (Revised Estimate)
Closure Cost	\$ 4,317,562	\$ 3,761,633
Long-Term Care Cost	\$ 3,930,720	\$ 4,009,440
Total Cost (Closure and Long-Term Care)	\$ 8,248,282	\$ 7,771,073

If you have any questions or need additional information, please do not hesitate to contact the undersigned.

Sincerely,

Kenneth W. Cargill, P.E. Principal

Copy to: Tim Salopek, Omni Waste Lenny Marion, Omni Waste Frank Hornbrook, FDEP Solid Waste Section



DEP Form # <u>62-701.900(28)</u> Form Title Financial Assurance Cost Estimate Form Effective Date <u>05-27-01</u>

DEP Application No. \_ (Filled by DEP)



Florida Department of Environmental Protection Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

## FINANCIAL ASSURANCE COST ESTIMATE FORM

I. GENERAL IN							
Facility Name:	<u>0AK HA</u>	ammoc.	K DISA	DSAL		WACS or GMS	SID #:
Permit / Applica	tion No.: 50	249-019	9726-00	01 \$ 5049-01	99726-002	Expiration D	ate: <b>8/28/2007</b>
Facility Address	: HIGHV	VAY US	5 441				
Permittee:	OMNI	WASTE	OF	OSCEOLA (	COUNTY	LLC	
Mailing Address	s: 100 CI	HURCH	st. K	Issimme	, FLOI	eIDA 347	41
Latitude	e: <u>28°03′ 3</u>	<u>s</u> ı"	Longitud	e: <b>81°05' 46</b>	<i>ii</i> -	or	UTM:
Solid Waste Di	sposal Unit	s Included	l in Estim				
				Date Unit Began		Design Life of	<sup>-</sup> Unit
PHASE I				Accepting		From Date of	Initial
Phase / Cell		Acres	-	Waste	-	Receipt of W	
	_	18.04	_	PROPOSED		5 YEAR	22
2		12.44	_	PROPOSED	_	5 YEAK	25
3		10.9B	-	PROPOSED	_	5 YEAR	25
4	_	10.98	-	PROPOSED	, _	5 YEAK	25
			-		-		
	_		_				
Total Landfill Ad	creage includ	led in this e	estimate.	52.44	_Closure	52.44	Long-Term Care
Type of landfill:		X	_Class I		Class III		C&D Debris
II. TYPE OF FI	NANCIAL A	SSURANC	E DOCUN	MENT (Check Type)	WILL BE . AND ARIO	PROVIDED IN R TO ACCEPT	ACCORDANCE W/ PER TANCE OF WASTE.
	_Letter of C	redit*			Insurance	Certificate	*Indicates mechanisms tha
	Performan	ice Bond*			_Escrow Ac	count	require use of a Standby Trust Fu
	_Guaranty	Bond*			_Trust Fund	Agreement	Agreement

#### III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

#### □ (a) Inflation Factor Adjustment

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste Financial Coordinator at (850)-488-0300.

This adjustment is based on the	e Departme	nt approved closure cost es	timate dated:	NA
Latest Department Approved		Current Year		Inflation Adjusted
NIA	x	NA	=	Nla
This adjustment is based on the De	epartment a	pproved long-term care cos	t estimate dated:	
Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Annual Long-Term Care Cost Estimate:
NA	x	NA	=	N/A
Number of Years of	Long Term	Care Remaining:	x	NIA
Inflation Adjusted Lo	ng-Term Ca	are Cost Estimate:	=	<u>NIA</u>

(b) Recalculate Estimates (see section V)

#### **IV. CERTIFICATION BY ENGINEER**

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

33637

Signature of Engineer

KENNETH W. CARGILL, P.E. PRINCIPAL

Name & Title (please type)

54435

Florida Registration Number (affix seal) GEOSYNTEC CONSULTANTS 14055 RIVEREDGE DR. SVITE 300 TAMPA, FL

Mailing Address

B13)558-0990

**Telephone Number** 

Signature of Owner/Operator

TIMOTHY J. SALOPEK PRESIDENT

Name & Title (please type)

957-7284

Telephone Number

tisomnie aol.com

Owner/Operator E-Mail Address

Kcargille geosyntee.com

Engineer E-Mail Address

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#### V. RECALCULATE ESTIMATED CLOSING COST

For the time period in the landfill operation when the extent and manner of its operation makes closing most expensive.

#### \*\* Third Party Estimate / Quote must be provided for each item

\*\* Costs must be for a third party providing all material and labor

DESCRIPTION		UNIT	QUANTITY	UNIT COST	TOTAL
1. Proposed Monitoria		(Do not	include wells already in	existence.)	
PRIOR TO ACU		EA	N/A	NA	NA
2. Slope and Fill (bec	lding layer betwee	n waste and I	oarrier layer):		
Excavation	ı	CY)	]		
Placemen	t and Spreading	CY }	84,975	\$3.50	\$ \$ 297, 413
Compactio	on	cy )	)	))	
Off-Site M	aterial	CY	N/A	NA	NA
Delivery		CY	NA	NA	NA
				LOPE AND FILL Ionitoring Wells :	\$ 297,413
3. Cover Material (Ba	arrier Layer): 米				
COVER PROTEC Off-Sito C	<b>tive soil</b> <del>a</del> y	CY	127, 443	\$ 3.50	# 446,121
Synthetics	- 40 mil TEXTURE PE ákumene	D SY Rane	143, 316	\$ 3.24	# 464, 344
	- <del>CCL</del> 40 MIL TH PE GROMEN		111,610	\$ 2.97	\$ 331, 482
Synthetics	Geonet Geocomposite	SY	143,316	\$ 4.59	\$ 657,820
Synthetics	- Other	SY	NA	NA	NA
			Subtotal Ba	rrier Layer Cover:	<sup>#</sup> 1,899,767
VEGETATIVE 4. <del>Top</del> Soil Cover:	*				
Off-Site M	aterial	CY	NA	N/A	<u>N/A</u>
Delivery		CY	NIA	NIA	NA
Spread		CY	42,480	\$2.50	\$ 106,220
			Subtotal	Top Soil Cover:	\$ 106,220

\* SEE ATTACHED NOTES AND CALCULATIONS

DEP FORM 62-701.900(28) Effective 05-27-01 Page 3 of 11

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
5. Vegetative Layer 🐇				
Sodding	SY	N/A	NA	NA
Hydroseeding	AC	)	)	
Fertilizer	AC	53	\$ 2,040	\$ 108,120
Mulch	AC )	)	)	
Other	SY	NA	NA	N/A
		Subtotal V	egetative Layer:	<i># 108,120</i>
6. Stormwater Control System:  💥				
Earthwork	CY	20,000	\$ 3.50	\$ 70,000
Grading	SY	NIA	NA	NA
Piping	LF	NA	NA	\$ 17,592
Ditches	LF	NA	NA	NA
Berms	LF	NA	NA	NA
Control Structures	EA	6	\$ 1,921.6B	<i>\$</i> ¶,530
Other	LS	N/A	NA	NA
		Subtotal Sto	rmwater Controls:	\$ 99,122
Ac7ive 7. Gas Controls: ₽as <del>si</del> ve ★				
Wells	EA	19	\$ 4,883.50	\$ 92,787
Pipe and Fittings	LF	NA	NA	NIA
Monitoring Probes	EA	11	\$ 1,020	\$ 11, 220
NSPS/Title V requirements	LS	NA	NA	NA
		Subtotal Pas	ssive Gas Control:	<b>#</b> 104, 007

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CRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
as Control: Active Extraction  💥				
Traps	EA	1	\$ 867	# 867
Sump	EA	1	\$ 7,650	\$ 7,650
Flare Assembly	EA	1	\$ 78,081	# 78,081
Flame Arrestor	EA		\$ 4,080	\$ 4,080
			\$3,978	\$ 3,978
Mist Eliminator	EA	 I	\$4,284	\$ 4,284
Flow Meter	EA		\$ 17, 340	<b>4</b> 17, 340
Blowers	EA			\$ 21,835
Collection System	mpsum		21,035	21,035
Other (describe)		N/A	NA	NA
Fencing	±₽Ĵ	Subtotal Ac	))	ı <u> </u>
Fencing LVmP Gate(s) SVm			\$ 5,100	\$ 5,100
Fencing	, (		))	\$ 5,100 \$ 5,100
Fencing Gate(s) Sign(s)			\$ 5,100	)
Fencing LVmP Gate(s) SVm			\$ 5,100	)
Fencing Gate(s) Sign(s) Engineering: X PERMIT PLAN AND Closure Plan report Certified	TEA	 Subtotal	\$ 5,100 Security System: \$ 25,000	\$ 5,100 \$ 25,000
Fencing Gate(s) Sign(s) Engineering: <b>*</b> <i>PERMIT PLAN AND</i> Closure P <del>lan repor</del> t		I Subtotal	\$\$ 5,100 Security System: \$\$ 25,000 	# 5,100 # 25,000 INCLUDED N/A COETIFICATIO
Fencing Gate(s) Sign(s) Engineering: X FERMIT PLAN AND Closure Plan report Certified	TEA	 Subtotal		# 5,100 # 25,000 INCLUDED N/A CEETIFICITIO N/A
Fencing Gate(s) Sign(s) Engineering: * PERMIT PLAN AND Closure Plan report Certified Engineer	T LS LS	I Subtotal	\$ 5,100 Security System: \$ 25,000 <u>N/A</u> <u>N/A</u> \$ 7,650	\$ 5,100 \$ 25,000 INCUDED N/A CEETIFICATIO N/A \$ 7,650
Fencing Gate(s) Sign(s) Engineering: * PERMIT PLAN AND Closure Plan report Certified Engineer NSPS/Title V Air Permit	T LS LS LS	I Subtotal		# 5,100 # 25,000 INCLUDED N/A CEETIFICITIO N/A

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## 11. Professional Services 💥

	Contract	Management	Quality A	ssurance	
	Hours	LS	Hours	LS	Total
P.E. Supervisor	NA	NA	<u>N/A</u>	NA	NA
On-Site Engineer	NA	NIA	NA	NIA	NA
Office Engineer	NA	NA	NA	NA	NA
On-Site Technician	NA	NIA	NIA	NIA	NA
Other (explain) 470	OF <del>TRUCTION</del> C	<sup>#</sup> 110 , 315	7% OF CONSTRUCTION COST	#193,050	\$ 303,365
DESCRIPTION		UNIT	QUANTITY	UNIT COST	TOTAL
Quality Assurance Te	sting 💥	LS		\$ 130,560	# 130,560
			Subtotal F	Professional Services	<b>* 433,925</b>
			Subtotal of 1-1	ي 🕏 . 1 Above:	3,294,309
12.Contingency ¥		/0 % of Total			\$ 329,431
			Closing Cost S	Subtotal: <u>*3</u> ,	623,740
13. Site Specific Cost	ts (explain)	*			
Mobilizatio	n				137,893
Waste Tire	Facility				Nla
Materials F	Recovery Fac	cility			NIA
Special Wa	astes				NIA
Leachate I	Management	System Modification	<u> </u>		NA
Other					N/A
<u></u>					N/A
			Subtotal Site Spe	cific Costs:	137,893
			TOTAL CLOSIN	\$	3,761,633

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#### VI. ANNUAL COST FOR LONG-TERM CARE

(Check Term Length)

 $\cancel{1}_{30}$  Years

\_\_\_\_\_5 Years \_\_\_\_\_20 Years

ars

Other

See 62-701.600(1)a.1., 62-701.620(1), 62-701.630(3)a. and 62-701.730(11)b. F.A.C. for required term length. For landfills certified closed and Department accepted, enter the remaining long-term care length as "Other" and provide years remaining.

#### \*\* Third Party Estimate / Quote must be provided for each item \*\* Costs must be for a third party providing all material and labor

All items must be addressed. Attach a detailed explanation for all items marked not applicable (N/A)

Description	Sampling Frequency (events/yr.)	Number of Wells	\$ / Well / Event	\$/Year
1. Groundwater Monitor	ing (62-701.510(6), and (	8)(a))		
Monthly	12	NA	NA	NA
Quarterly	4	NA	NA	NA
Semi-Annual	2	45	\$ 504.90	# 45,441
Annual	1	NA	NA	NA
			oundwater Monitoring:	# 45,441
2. Surface Water Monit	toring (62-701.510(4), and	(8)(b)		
Monthly	12	NA	NIA	NA
Quarterly	4	NA	NIA	NA
Semi-Annual	2	NA	NA	NA
Annual	1	N/A	NA	N/A
		Subtotal Su	rface Water Monitoring:	\$ 0
3. Gas Monitoring				
Monthly	12	NIA	NIA	NA
Quarterly	4	4 EVENTS	# 765/EVENT	#3,060
Semi-Annual	2	NA	N/A	N/A
Annual	1	NA	N/A	N/A
		Subtot	al Gas Monitoring:	\$ 3,060

Subtotal Gas Monitoring:

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Description	Sampling Frequency (events/yr.)	Number of Locations	\$/Location/Event	\$ / Year
4. Leachate Monitoring (62-70 <sup>-</sup>	1.510(5), (6)(b) an	d 62-701.510(8)(c)  💥		
Monthly	12	NA	NA	NA
Quarterly	4	NA	<u>N</u> IA	NA
Semi-Annual	2	NIA	NA	NIA
Annual	1	<u> </u>	\$ 1,293.63	\$ 5,175
Other	NA	NIA	NA	NA
		Subtotal I	_eachate Monitoring:	\$ 5,175
DESCRIPTION	UNIT	QUANTITY	UNIT COST	ANNUAL COS
5. Leachate Collection/Treatmo	ent Systems Maint	tenance Ӿ		
Maintenance				\$ 1260
Collection Pipes	LF	*	*	1,500
Sumps, <del>Traps</del> Pumps	EA	<u> </u>	*	# 1,768
Lift Stations	EA	NA	<u>N</u> A	NA
Cleaning	LS	NA	NIA	NA
LEXIBLE STORAGE Tanks BLADDERS	EA	*	*	# 816
mpoundments				
Liner Repair	SY	N/A	NA	NA
Sludge Removal	CY	NIA	NA	N/A
Aeration Systems	CY	NA	NIA	NA
Floating Aerators	EA	NA	NA	N/A
Spray Aerators	EA	NA	NIA	NA
Disposal				
Off-site (Include Transportation and	1000 gallon I Disposal)	1.46	\$0.1224	\$ 179.00
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6. Leachate Collection/Treatment Systems Operation 💥

Onemation			<b>¢</b> // Lesson	Tatal	
Operation		Hours	\$/Hour	Total	
P.E. Supervisor	HR	<u> </u>	NIA	<u>N/A</u>	
On-Site Engineer	HR	NA	N/A	NA	
Office Engineer	HR	NA	NA	NIA	
OnSite Technician	HR	156	\$ 51.00	\$ 7,956	
Materials	LS	NA	NIA	NA	
Subto	tal Leachate Colle	ction/Treatment System N	laintenance & Operation	n: <u>\$12,079.00</u>	
7. Maintenance of Groundwa	ter Monitoring Well	s ¥			
Monitoring Wells	LF	NA	N/A	NIA	
Replacement	EA	3	\$ 306.00	\$ 306.00	
				\$ 51.00	
Abandonment	EA	_3	\$ 51.00	\$ 51.00	
	EA	Subtotal Groundwater Mo		\$ 257 00	
	EA			\$ 257 00	
Abandonment	EA UNIT	Subtotal Groundwater Mo	nitoring Well Maintenan	ce: <b>357.00</b>	
Abandonment DESCRIPTION	EA UNIT	Subtotal Groundwater Mo	nitoring Well Maintenan	ce: <b>357.00</b>	
Abandonment DESCRIPTION 8. Gas System Maintenance	EA UNIT	Subtotal Groundwater Mo	nitoring Well Maintenan UNIT COST	ce: <b>357.00</b>	
Abandonment DESCRIPTION 8. Gas System Maintenance Piping, Vents Blowers	EA UNIT	Subtotal Groundwater Mo QUANTITY	nitoring Well Maintenan UNIT COST	ce: 357.00 ANNUAL COST	
Abandonment DESCRIPTION 8. Gas System Maintenance Piping, Vents Blowers Flaring Units	EA UNIT LF EA EA	Subtotal Groundwater Mo QUANTITY NA NA	nitoring Well Maintenan UNIT COST NA NA NA	ce: # 357.00 ANNUAL COST N/A # 1,224 / 30 Ves	
Abandonment DESCRIPTION 8. Gas System Maintenance Piping, Vents Blowers Flaring Units Meters, Valves	EA UNIT LF EA EA EA EA	Subtotal Groundwater Mo QUANTITY NA NA NA NA NA	nitoring Well Maintenan UNIT COST <u>N/A</u> <u>N/A</u> N/A N/A	ce: # 357.00 ANNUAL COST N/A # 1,224 / 30 Ves # 867 / 30 Ves # 612 / 30 Ves	
Abandonment DESCRIPTION 8. Gas System Maintenance Piping, Vents Blowers Flaring Units Meters, Valves Compressors	EA UNIT LF EA EA EA EA EA	Subtotal Groundwater Mo QUANTITY NA NA NA NA NA NA	nitoring Well Maintenan UNIT COST N/A N/A N/A N/A N/A	ce: # 357.00 ANNUAL COST N/A # 1,224 / 30 Ves # 867 / 30 Ves # 612 / 30 Ves # 612 / 30 Ves	
Abandonment DESCRIPTION 8. Gas System Maintenance Piping, Vents Blowers Flaring Units Meters, Valves	EA UNIT LF EA EA EA EA	Subtotal Groundwater Mo QUANTITY NA NA NA NA NA	nitoring Well Maintenan UNIT COST <u>N/A</u> <u>N/A</u> N/A N/A	ce: # 357.00 ANNUAL COST N/A # 1,224 / 30 Ves # 867 / 30 Ves # 612 / 30 Ves # 612 / 30 Ves	

9. Landscape 🔺

Mowing	AC	4 mmes 60	# 102	\$ 24.480
Fertilizer	AC	VR	NIA	NIA
i ortilizor	///0			

\* SEE ATTACHED NOTES AND CALCULATIONS

Subtotal Landscape Maintenance:

# 24,480

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DESCRIPTION	UNIT	QUANTITY	UNIT COST	ANNUAL COST
0. Erosion Control & Cover Mai	ntenance			
Sodding	SY	500	<i>\$</i> 1.84	\$ 918
Regrading	AC	N/A	NA	NA
Liner Repair	SY	I EVENT	\$ 1,224	\$ 1,224
Clay	CY	NA	NA	NA
		Subtottal Erosion Contro	ol and Cover Maintenance:	# 2,142
1. Storm Water Management S	ystem Mainten	ance		
Conveyance Maintenance	LS	<u> </u>	# 2,040	\$ 2,040
		Subtotal Storm Wate	r System Maintenance:	\$ 2,040
2. Security System Maintenand	се			
Fences	LF	100	\$ 7.45	\$ 765
Gate(s)	EA	1	\$ 314.20	\$ 316
Sign(s)	EA	2	\$ 17.34	\$ 35
		Subtotal Se	curity System:	# 1,116
3. Utilities 🐇	LS			\$\$12,240
4. Administrative 🔺		Hours	\$/Hour	Total
P.E. Supervisor	HR	Na	N/A`	NA
On-Site Engineer	HR	Nla	NA	NA
Office Engineer	HR	NIA	NIA	NA
OnSite Technician	HR	NA	NA	NA
Other (explain)	LS		\$\$ 13,260	\$ 13,260
		Subtotal A	dministrative:	# 13,260
5. Contingency	of Total	10% OF	# 121,49B	\$ 12,150
10				\$ 12,150

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16. Site Specific Costs (explain)	UNIT COST	_	
NIA	_ LS		NIA
NIA	LS		NIA
NIA	_ LS		NIA
ANNUAL LONG-TERM CARE COS	T (\$/Year):	# 13	3,448
NUMBER OF YEARS OF LONG-TE	RM CARE	30	)
TOTAL LONG-TERM CARE CO	DST (\$)	# 4,00	9,440

# Oak Hammock Disposal Notes and Calculations to Accompany 2003 Financial Cost Estimate

The items listed below were derived by item/ unit pricing from contractors and manufacturers. Any estimated or assumed quantities are based on State and Federal guidelines. All estimated costs are for work to be performed by a third party.

# **Closure Costs**

#### 1. Monitoring Wells

Ground water monitoring wells will be installed during construction of Phase I (i.e., Cells 1 - 4) and, therefore are not included as part of the closure construction estimate.

#### 2. **Slope and Fill** (Intermediate Cover)

During construction of the first phase, borrow area soils will be used for future use as initial/intermediate cover. CADD estimated cubic yardage is 84,975 cy for 1 ft. of intermediate cover over waste surface.

Cost per cubic yard includes excavation, hauling, placement, spreading and compaction.

84,975 cy @ \$3.50 / cy = \$297,413

## **3.** Cover Material (Barrier Layer)

The final cover system for the Phase I cells is comprised of (from bottom to top) 40-mil PE textured (4:1 slopes) and smooth (5% grades) geomembrane, geocomposite drainage layer on 4:1 side slopes and 18 inch layer of cover protective soil. Cover protective soil will consist of material obtained from onsite borrow area. Cost for cover protective soil includes excavation, hauling, placement, spreading and compaction. Cost for geosynthetics includes material and installation costs. CADD generated quantities are: 127,463 cy soils @ 33.50 cy = 446,121 143,316 sy 40-mil PE textured geomembrane @ 3.24 sy = 464,344

143,316 sy 40-mil PE textured geomembrane @ \$3.24 sy = \$464,344111,610 sy 40-mil PE smooth geomembrane @ \$2.97 sy = \$331,482143,316 sy geocomposite drainage layer @ \$4.59 sy = \$657,820Total = \$1,899,767 Closure Costs (Continued)

## 4. Top Soil Cover (Vegetative Soil Layer)

Vegetative soil layer material will be stripped from the Phase I footprint area and stockpiled on-site for use in the cover system. Vegetative soil layer material will also be available from adjacent future cells (i.e., cells 5 - 21). The vegetative soil layer consists of 6 in. layer over entire cover area. Cost per cubic yard includes hauling, placing and spreading. CADD generated quantity: 42,488 cy.@ \$2.50 = \$106,220

#### 5. Vegetative layer

The final cover area will be hydro-seeded. Hydro-seeding cost includes all labor and materials. CADD generated quantity: 53 acres 53 acres x 2,040/acre = 108,120.

#### 6. Stormwater Control System

The perimeter and site storm water control system components will be installed as part of the landfill construction and therefore are not included as part of the closure construction estimate. Storm water control components for the Phase I closure will consist of drainage swales, drains and HDPE corrugated pipe downchutes. Drainage swales will be constructed as part of protective cover soil placement and grading. Additional earthwork associated with installation of drains and downchutes is estimated to include 20,000 cy. Earthwork estimate is to include excavation, backfilling and compaction.

Earth work: 20,000 cy @ \$3.50 cy = \$ 70,000

Piping: 180 lf of 36" HDPE pipe @ \$26.81/ft = \$4,826

840 lf of 24" HDPE pipe @ \$13.50/ft = \$11,343

3 x 24" "T" connector @ \$438.6 ea. = \$1,316

6 x 24" couplers @ \$17.89 ea. = \$107

Each downchute requires an energy dissipater (6 total) @ \$1,921.68 ea. = **Sbta330st** = \$99,122

#### 7. Gas Controls: Active System

The Oak Hammock Disposal facility will have an active gas extraction system installed. Nineteen gas extraction wells are to be installed as part of the gas control system. Cost per well: 97.67/ft. Cost per foot includes all labor and materials for installation. Landfill gas monitoring probes will be installed at a minimum spacing of 500 lf around the perimeter of the landfill. Cost per monitoring probe: 51/ft, cost per foot includes all labor and materials for installation cost =  $97.67/ft \times 50$  ft. (average depth) x 19 wells = 92.787.

Closure Costs (Continued)

Landfill gas monitoring probe installation cost =  $\frac{51}{ft \times 20}$  ft. (average depth) x 11 = 11,220

## 8. Gas Control: Active System

Active gas system components based on permit design package. Components and associated costs are listed below. Costs include labor and materials.

1 Trap @ \$867
1 Sump @ \$7,650
1 Flare Assembly @ \$78,081
1 Flame Arrestor @ \$4,080
1 Mist Eliminator @ \$3,978
1 Flow Meter @ \$4,284
1 Blower @ \$17,340
Main header pipe: 500 lf 12" solid wall SDR-17 HDPE pipe installed @ \$8.94 lf
= \$4,470
Header pipe: 3,065 lf 8" solid wall SDR-17 HDPE pipe installed @ \$4.06 lf = \$12,444
Collector pipe: 2,912 lf 4" solid wall SDR-17 HDPE pipe installed @ \$ 1.69 lf = \$4,921
Total Active Gas Extraction = \$ 138,115

## 9. Security System

Perimeter fencing, gates and signs will be repaired, if required for closure. A \$5,100 lump sum allowance has been estimated for this work. Note that perimeter fencing and gates will be installed as part of the Phase I construction and therefore have not been included as part of the closure costs. Closure signs will be installed as required.

## 10. Engineering

Closure permit plan and report: \$25,000 Certification report to include preparation of report and certification by Florida registered professional engineer: \$ 16,830. Other: Construction Drawings and Technical Specifications: \$53,040

## **11. Professional Services**

Estimate that 4% of construction cost will be needed for contract/construction management i.e.,  $0.04 \ge 2,757,864 = 10,315$ 

Closure Costs (Continued)

Estimate that 7% of construction cost will be needed for construction quality assurance i.e.,  $0.07 \times 2,757,864 = 193,050$ 

Quality Assurance testing based on requirements of CQA Plan and estimated quantities.

## 12. Contingency

Estimate contingency of 10 % of closure cost.

## 13. Site Specific Costs:

Contractor mobilization estimated to be 5 % of construction cost, not including professional services costs (i.e., 5% of \$2,757,864) = \$137,893

# Annual Costs for Long Term Care

#### 1. Ground Water Monitoring

Forty-five ground water monitoring wells are to be installed for Phase I construction. Assume that all wells are sampled on semi-annual basis per F.A.C. Cost to sample each well: \$495. Cost includes all labor, equipment and laboratory analyses required per F.A.C.  $45 \times 504.90 = 22,720.50 \times 2$  times/year = \$45,441 /year

#### 2. Surface Water Monitoring

The Oak Hammock facility has been designed to retain all water from a 100year storm event on-site. No off-site discharge of surface water is anticipated, therefore, no associated monitoring costs have been included.

### 3. Landfill Gas Monitoring

Landfill gas monitoring probes will be installed a minimum of 500 lf around the perimeter of Phase I construction as part of the closure plan. The monitoring probes will be monitored quarterly for concentrations of combustible gases. Quarterly landfill gas monitoring cost:  $\frac{5765}{\text{event x 4 events/year}} = \frac{33,060 \text{ year}}{33,060 \text{ year}}$ 

#### 4. Leachate Monitoring

Phase I of the Oak Hammock Disposal consists of four cells. A leachate sample would be collected from each cell annually. Each leachate sampling cost includes all labor, equipment and laboratory analyses required per F.A.C. Annual leachate monitoring cost: 1,293.63 /leachate sample x 4 leachate samples/year = 5,175 year.

Annual Costs for Long Term Care (Continued)

## 5. Leachate Collection/Treatment System Maintenance

For the long term care, assume the following maintenance activities.

*Leachate collection pipes*: Estimate that each cell will require one cleaning within the 30-year monitoring period. 4 cells x 10,200 cell = 40,800 / 30 years 1,360 / year.

*Leachate pumps:* Estimate pumps require annual maintenance and each cell will require a replacement pump during the 30-year monitoring period. Annual maintenance = 4 cells x 255cell = 1,020 /year. Leachate pump replacement cost = 4 pumps x 5,610/pump /30 years = 748. Estimated annual cost for pumps = 1,768

*Leachate storage containers*: Assume each of the three flexible storage bladders will require replacement over the 30 year monitoring period. Replacement cost of \$8,160 per flexible bladder. 3 bladders x \$8,160 /bladder / 30 years = \$816 /year.

*Leachate disposal:* After closure, for each cell estimate leachate production rate of 1.0 gal/day x 365 days/year x 4 cells = 1,460 gallons of leachate/year x \$.1224 / gallon for transportation and treatment = \$179/year. Total leachate system maintenance = \$4.123 /year.

#### 6. Leachate Collection/Treatment Systems Operation

Estimate that leachate system operation is monitored on a weekly basis by a technician for total of 3 hours/week x 52 weeks/year x  $51 / \text{hour} = \frac{7,956}{\text{year}}$ .

## 7. Maintenance of Groundwater Monitoring Wells

Estimate that 3 wells require abandonment and replacement within the 30-year monitoring period. Abandonment cost: \$510 per well x 3 wells = \$1,530 / 30 years = \$51 / year. Replacement cost: 60 ft x \$50 / ft x 3 wells = \$9,180 / 30 years = \$306 / year. Total estimated annual cost = \$357 / year

#### 8. Gas System Maintenance

Estimate that the equipment listed on DEP form will require replacement once within the 30-year maintenance period. Annual cost = 3,264 / 30 years = 108 / year.

## Annual Costs for Long Term Care (Continued)

## 9. Landscape

Estimate 60-acre area requiring maintenance and that the grass will require cutting four times/year at a cost of \$102 per acre. Mowing/maintenance: 4 times year x 60 acres x \$102/acre = \$24,480

### **10. Erosion Control and Cover Maintenance**

As indicated on DEP form.

#### 11. Storm water Management System Maintenance

As indicated on DEP form.

#### 12. Security System Maintenance

As indicated on DEP form.

#### 13. Utilities

Estimate power requirements for site equipment (i.e., pumps, lights, blowers, etc.) to be  $1,020 / \text{month } x 12 \text{ months} = \frac{12,240 / \text{year.}}{12,240 / \text{year.}}$ 

#### 14. Administrative

Estimate that lump sum administrative/overhead costs for Phase I: =  $\frac{13,260}{\text{year.}}$ 

## 15. Contingency

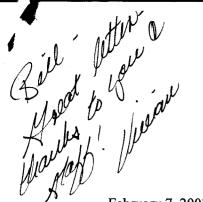
Estimate contingency of 10 % of total long term annual care cost (i.e., 0.10 x 121,498 = 12,150 / year).

March 27, 2003 OAK HAMMOCK DISPOSAL, CLASSI 1. PHASE I - 4 4/F Cells approx. 53 acres Complete buildout 21 L/F cells approx 264 acres Property boundary 2179 acres. The duticipated life of the facility is 30 years 2 The ang solid waste dieposal mate in 1700 tone per day 3 The annual quantity of solid waste to be disposed in the OHD U/F is expected to be approximately 486,200 long. The L/F will operate approximately 286 equivalent days per year. Jesign capacity Anticipated Life 2.7.3

Osceola Lounty SLU

Based on the permit drawings presented with this permit application, the estimated volume of waste and initial cover soils that can be disposed in the OHD landfill is approximately 23.7 million cubic yards. The life of the OHD landfill is approximately 30 years, based on an average annual waste disposal rate of 474,000 tons/year, an average in-place unit weight of 1,500 pounds/cubic yard, and 20 percent of the available volume dedicated to initial cover.

6- T92 the of mation from May 2002



RECEIVED FEB 1 0 2003

Central Dist. - DEP

P.O. Box 421613 Kissimmee, FL 34742 407-957-7284 Phone 407-957-7202 Fax

**Received DEP** 

FEB 1 1 2003

Central Dist. ERP

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mni Waste

February 7, 2003

Vivian F. Garfein Director, Central District Department of Environmental Protection 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

Subject: Omni's Oak Hammock Disposal Facility

Dear Ms. Garfein:

As you know, Omni Waste of Osceola County, LLC (Omni) has been working for several years to obtain all of the necessary permits and approvals for the construction of a new "Class I" landfill that will serve the residents of Osceola County. Now that the Florida Department of Environmental Protection has issued the landfill construction permit and the Environmental Resource Permit for Omni's project, I would like to express my sincere appreciation to you and your staff for the professional manner in which the Department conducted its regulatory review process. I am confident that the Board of County Commissioners of Osceola County joins me in saying "Thank you!"

Over the last 30 years I have worked on landfill projects with regulatory agencies throughout the United States. You and your staff at FDEP stand out for being among the most technically competent, diligent, and conscientious of all those I have known. Your staff was always focused on protecting the environment, and they always demanded compliance with the Department's standards, but they also provided many constructive comments and suggestions to Omni during the agency's review process, thus enabling Omni to address the Department's concerns in an expeditious manner. Thanks to their contributions, I believe the Oak Hammock Disposal Facility will become a showplace for both Omni and FDEP, because it will illustrate how a Class I landfill can be designed and operated to provide a critical community service while also preserving sensitive natural resources.

While many in the Department contributed to the review of Omni's project, I would especially like to recognize the efforts of the following people, who were instrumental in the Department's review process:

- James N. Bradner, P.E. Program Manager Solid/Hazardous Waste •
- Scott Wesson, P.E. •
- Tamy Dabu •
- Kellie Boston .
- W. M. Bostwick, Jr., P.E. ٠
- George Cheryan
- Saadia Qureshi •
- Brett LeRoux, P.G. •
- Deborah Helle, P.G.

- **Engineer Storm Water Management**
- **Environmental Supervisor**
- Env. Specialist Submerged Lands & Env. Resources
- Program Administrator Waste Management
  - Permitting Engineer Solid/Hazardous Waste
    - Engineer Solid/Hazardous Waste
    - Program Manager Storage Tanks and Cleanup
  - Geologist Solid/Hazardous Waste

Vivian F. Garfein February 7, 2003 Page 2

No.

I want to take special note of the leadership provided by Jim Bradner. The Oak Hammock Disposal Facility is the first Class I landfill to be approved by the Department for a "green field" site in Florida in more than seven years. Nonetheless, as a result of Jim's willingness to work with Omni's engineers during the design and review process, Omni and the Department were able to identify and solve potential problems before they became significant impediments to the project. With Jim's leadership, the Department was able to complete its rigorous review process, and issue a permit to construct and operate the landfill, within five months after Omni's application was filed.

Omni intends to build and operate the Oak Hammock Disposal Facility in strict compliance with all of the applicable FDEP requirements. We want the Department to be proud of Omni's facility and the services Omni provides to the citizens of Osceola County. Please give my sincerest thanks to those members of the Department who have contributed to our joint success with this project.

Sincerely,

Timothy J. Salopek

President

CC:

Jim Bradner Scott Wesson Tamy Dabu David Struhs Allan Bedwell David S. Dee Paul Owen, Chairman of Osceola BOCC



Osceola County OW Oak Hormock LF



# PRESS RELEASE

For Immediate Release

## CAPITAL ENVIRONMENTAL RESOURCE INC. AGREEMENT TO PURCHASE MUNICIPAL SOLID WASTE LANDFILL SITE UNDER DEVELOPMENT IN OSCEOLA COUNTY, FLORIDA

BURLINGTON, ON (February 7, 2003) - Capital Environmental Resource Inc. (NASDAQ:CERI) announced today that it has reached agreement to purchase a municipal solid waste landfill site currently under development in Osceola County, Florida for a purchase price of approximately \$71 million USD, payable primarily in cash and to a lesser extent in common stock. Closing of the acquisition is subject to the fulfillment of certain conditions. It is currently anticipated that the landfill will open for commercial operation in the first quarter of 2004.

This 1,100 acre facility, which will serve Osceola County and the greater Orlando area, has a permitted capacity of 24 million cubic yards. The landfill has received all necessary permits from the Florida Department of Environmental Protection and Osceola County. Omni Waste has entered into disposal agreements with the City of St. Cloud and Osceola County and plans to pursue additional disposal agreements with other waste sources.

Capital Environmental Resource Inc. is a regional integrated solid waste services company that provides collection, transfer, disposal and recycling services in Canada. The Company's web site is <u>www.capitalenvironmental.com</u>.

David J. Feals Chief Financial Officer (905) 319-6047

\* \* \* \* \*

#### Safe Harbor for Forward-Looking Statements

Certain matters discussed in this press release are "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These statements describe the company's future plans, objectives or goals. These forward-looking statements involve risks and uncertainties which could cause actual results to differ materially from the plans, objectives and goals set forth herein. Factors which could materially affect such forward-looking statements can be found in Capital's periodic reports filed with the Securities and Exchange Commission, including risk factors detailed in Capital's Form 20-F for the year ended December 31, 2001. Shareholders, potential investors and other readers are urged to consider these factors carefully in evaluating the forward-looking statements. The forward-looking statements made herein are only made as of the date of this press release and Capital undertakes no obligation to publicly update such forward-looking statements to reflect subsequent events or circumstances.