

27 February 2008

Mr. James N. Bradner, P.E.  
Program Administrator  
Air Resources Management  
Department of Environmental Protection  
3319 Maguire Blvd, Ste 232  
Orlando, FL 32803-3767

RECEIVED  
FEB 28 2008  
DEP Central Dist.

**Subject: Transmittal of Annual Operating Report for Air Pollutant Emitting Facility  
Title V Permit No. 0610015-003-AV  
Indian River County Landfill Facility  
Vero Beach, Florida**

Dear Mr. Bradner:

On behalf of Indian River County Solid Waste Disposal District (SWDD), Geosyntec Consultants (Geosyntec) has prepared this Annual Operating Report (DEP Form No. 62-210.900(5)) in fulfillment of Rule 62-210.370(3), F.A.C and requirements set forth by the Title V permit for this facility. Copies of this report have been sent to the Environmental Protection Agency (Region 4) and the Tallahassee office of the Florida Department of Environmental Protection.

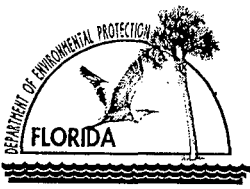
Should you have any questions, please do not hesitate to contact the undersigned at (904) 388-8821.

Sincerely,



Wade Tyner, EI  
Staff Engineer

Copies to: Beverly H. Banister, USEPA, Region 4  
Joseph Kahn, FDEP Tallahassee  
Himanshu Mehta, SWDD



# Department of Environmental Protection

## Division of Air Resources Management

### ANNUAL OPERATING REPORT FOR AIR POLLUTANT EMITTING FACILITY

See Instructions for Form No. 62-210.900(5)

**RECEIVED**  
**FEB 28 2008**

DEP Central Dist.

### I. FACILITY REPORT

#### A. REPORT INFORMATION

1. Year of Report <p style="text-align: center;"><b>2007</b></p>	2. Number of Emissions Units in Report <p style="text-align: center;"><b>1</b></p>
---	---

#### B. FACILITY INFORMATION

1. Facility ID <p style="text-align: center;"><b>0610015</b></p>	2. Facility Status <p style="text-align: center;"><b>ACTIVE</b></p>	3. Date of Permanent Facility Shutdown
4. Facility Owner/Company Name <p style="text-align: center;"><b>INDIAN RIVER COUNTY, SWDD</b></p>		
5. Site Name <p style="text-align: center;"><b>INDIAN RIVER CO LANDFILL</b></p>		
6. Facility Location Street Address or Other Locator: <b>1325 74<sup>th</sup> Avenue SW</b> City: <b>VERO BEACH</b> County: <b>INDIAN RIVER</b> Zip Code: <b>32968</b>		
7. Facility Compliance Tracking Code <b>A</b>	8. Governmental Facility Code <b>3</b>	9. Facility SIC(s) <p style="text-align: center;"><b>4953</b></p>
10. Facility Comment <b>The air curtain incinerator was physically removed from the site in 2000. An active landfill gas collection and control with a flare was voluntarily installed by SWDD in 2005 and has been in operation ever since.</b>		

#### C. FACILITY HISTORY INFORMATION

1. Change in Facility Owner/ Company Name During Year?	Previous Name	2. Date of Change
--	---------------	-------------------

D. OWNER/CONTACT INFORMATION

1. Owner or Authorized Representative	
Name and Title	Himanshu H. Mehta, P.E. Managing Director
Mailing Address	Organization/Firm: Indian River County, Solid Waste Disposal District Street Address: 1325 74th Avenue SW City: Vero Beach State: FL Zip Code: 32968
Telephone: (772) 770-5112	Fax: (772) 770-5296
2. Facility Contact	
Name and Title	Kwasi *Badu-Tweneboah, Ph.D., P.E. Associate
Mailing Address	Organization/Firm: Geosyntec Consultants Street Address: 2258 Riverside Avenue City: Jacksonville State: FL Zip Code: 32204
Telephone: (904) 388-8821	Fax: (904) 388-8163

E. OWNER OR AUTHORIZED REPRESENTATIVE STATEMENT

I hereby certify that the information given in this report is correct to the best of my knowledge.

H. Mehta  
Signature Himanshu H. Mehta, P.E.  
Managing Director

2-26-08  
Date

**II. EMISSIONS UNIT REPORT**

**A. EMISSIONS UNIT INFORMATION**

1. Emissions Unit Description  <b>MUNICIPAL SOLID WASTE LANDFILL WITH FLARE</b>		
2. Emissions Unit ID <b>003</b>	3. Emissions Unit Classification <b>Regulated Emission Unit</b>	4. Operated During Year? <b>Y</b>
5. DEP Permit or PPS Number : <b>0610015003AV</b>	6. Emissions Unit Status <b>ACTIVE</b>	7. Ozone SIP Base Year Emissions Unit? <b>N</b>
8. Emissions Unit Startup Date	9. Long-term Reserve Shutdown Date	10. Permanent Shutdown Date

**B. EMISSION POINT/CONTROL INFORMATION**

1. Emissions Point Type <b>NO TRUE EMISSION POINT (FUGITIVE EMISSION)</b>
2a. Description of Control Equipment 'a'  <b>FLARING</b>
2b. Description of Control Equipment 'b'

**C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION**

1. Average Annual Operation  hours/day <b>24</b> days/week <b>7</b>	2. Total Operation During Year (hours/year) <b>9760</b>
3. Percent Hours of Operation by Season  DJF: <b>25</b> MAM: <b>25</b> JJA: <b>25</b> SON: <b>25</b>	
4. Average Ozone Season Operation (June 1 to August 31)  hours/day <b>24</b> days/week <b>7</b>	5. Total Operation During Ozone Season (days/season)

**D. EMISSIONS UNIT COMMENT**

**Landfill emissions were established using EPA LandGEM model and TIER 2 testing results. An active landfill gas control system was installed in 2004 over the closed sections of the landfill. The system was damaged by Hurricane Frances and Jeanne, subsequently repaired, and is presently in routine operation. In 2006, the system was expanded with the addition of 9 vertical extraction wells that doubled the flared landfill gas volume.**



2c. Annual Emissions (ton/year)	3c. Ozone Season Daily Emissions (lb/day)	4c. Emissions Method Code
------------------------------------	--	---------------------------

5c. Emissions Calculation (Show separately both annual and daily emissions calculations)

(2) EMISSIONS INFORMATION (Continued)

1d. Pollutant 'd'	<input type="checkbox"/> Below Threshold <input type="checkbox"/> Not Emitted
-------------------	--

2d. Annual Emissions (ton/year)	3d. Ozone Season Daily Emissions (lb/day)	4d. Emissions Method Code
------------------------------------	--	---------------------------

5d. Emissions Calculation (Show separately both annual and daily emissions calculations)

1e. Pollutant 'e'	<input type="checkbox"/> Below Threshold <input type="checkbox"/> Not Emitted
-------------------	--

2e. Annual Emissions (ton/year)	3e. Ozone Season Daily Emissions (lb/day)	4e. Emissions Method Code
------------------------------------	--	---------------------------

5e. Emissions Calculation (Show separately both annual and daily emissions calculations)

1f. Pollutant 'f'	<input type="checkbox"/> Below Threshold <input type="checkbox"/> Not Emitted
-------------------	--

2f. Annual Emissions (ton/year)	3f. Ozone Season Daily Emissions (lb/day)	4f. Emissions Method Code
------------------------------------	--	---------------------------

5f. Emissions Calculation (Show separately both annual and daily emissions calculations)

1g. Pollutant 'g'	<input type="checkbox"/> Below Threshold <input type="checkbox"/> Not Emitted
-------------------	--

Facility ID: 0610015

Emissions Unit ID: 003

Emissions by Process/Fuel \_\_\_\_\_ of \_\_\_\_\_

2g. Annual Emissions (ton/year)	3g. Ozone Season Daily Emissions (lb/day)	4g. Emissions Method Code
5g. Emissions Calculation (Show separately both annual and daily emissions calculations)		