



Hillsborough County
Florida

BOARD OF COUNTY COMMISSIONERS

Kevin Beckner
Victor D. Crist
Ken Hagan
Al Higginbotham
Lesley "Les" Miller, Jr.
Sandra L. Murman
Mark Sharpe

Dept. Of Environmental Protection

Office of the County Administrator
Michael S. Merrill

CHIEF ADMINISTRATIVE OFFICER
Helene Marks

CHIEF FINANCIAL ADMINISTRATOR
Bonnie M. Wise

DEPUTY COUNTY ADMINISTRATORS
Lucia E. Garsys
Sharon D. Subadan

APR 02 2012

Southwest District

March 27, 2012

Ms. Susan J. Pelz, P.E.
Solid Waste Permitting
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Pkwy
Temple Terrace, Florida 33637-0926

RE: Southeast County Landfill - Gas Monitoring Report

Dear Ms. Pelz:

In accordance with Specific Conditions No. 19 and No. 20 of Permit No. 35435-006-SO, the Solid Waste Management Department (SWMD) is submitting the quarterly landfill gas monitoring report for the Southeast County Landfill for the quarter ending April 15, 2012.

The monitoring was performed on March 15, 2012. The information includes the structure and the subsurface monitoring point gas sampling and results. No methane was detected at any of the sampling locations.

Please advise should you have any questions concerning the attached submittal.

Sincerely,

Larry E. Ruiz, SC
General Manager III
Solid Waste Management Group

Attachment

xc: Patricia V. Berry, PUD
Walter Gray, PUD
Rich Siemering, HDR
Ron Cope, EPC

APR 02 2012

Southwest District

HILLSBOROUGH COUNTY PUBLIC UTILITIES DEPARTMENT SOLID WASTE
MANAGEMENT GROUP SOUTHEAST COUNTY LANDFILL/LFG READINGS

ADMINISTRATION BUILDING

| | METHANE GAS | L.E.L. | CARBON DIOXIDE | OXYGEN | BALANCE GAS |
|-------|-------------|--------|----------------|--------|-------------|
| S.P.1 | 0 | 0 | 0 | 20.5 | 79.5 |
| S.P.2 | 0 | 0 | 0 | 20.5 | 79.5 |
| S.P.3 | 0 | 0 | 0 | 20.5 | 79.5 |
| S.P.4 | 0 | 0 | 0 | 20.5 | 79.5 |
| S.P.5 | 0 | 0 | 0 | 20.5 | 79.5 |
| S.P.6 | 0 | 0 | 0 | 20.5 | 79.5 |
| S.P.7 | 0 | 0 | 0 | 20.5 | 79.5 |
| S.P.8 | 0 | 0 | 0 | 20.5 | 79.5 |

MAINTENANCE BUILDING

| | METHANE GAS | L.E.L. | CARBON DIOXIDE | OXYGEN | BALANCE GAS |
|--------|-------------|--------|----------------|--------|-------------|
| S.P.9 | 0 | 0 | 0 | 20 | 80 |
| S.P.10 | 0 | 0 | 0 | 20 | 80 |
| S.P.11 | 0 | 0 | 0 | 20 | 80 |
| S.P.12 | 0 | 0 | 0 | 20 | 80 |

LEACHATE TREATMENT PLANT

| | METHANE GAS | L.E.L. | CARBON DIOXIDE | OXYGEN | BALANCE GAS |
|--------|-------------|--------|----------------|--------|-------------|
| S.P.13 | 0 | 0 | 0 | 20.3 | 79.7 |
| S.P.14 | 0 | 0 | 0.1 | 20.4 | 79.5 |
| S.P.15 | 0 | 0 | 0.1 | 20.4 | 79.5 |

LANDFILL GAS PERIMETER MONITORING POINT

| WELL | METHANE GAS | L.E.L. | CARBON DIOXIDE | OXYGEN | BALANCE GAS |
|-------|-------------|--------|----------------|--------|-------------|
| LFG-1 | 0 | 0 | 0.3 | 20.3 | 79.4 |
| LFG-2 | 0 | 0 | 0.1 | 20.1 | 79.8 |
| LFG-3 | 0 | 0 | 0.1 | 20.2 | 79.7 |
| LFG-4 | 0 | 0 | 0.1 | 20.4 | 79.5 |

TECHNICIAN SIGNATURE _____

David A. C...

SUPERVISOR SIGNATURE _____

S...

DATE: MARCH 15, 2012

COMMENTS _____

LEGEND S.P.= AMBIENT SAMPLE POINT